



### COMMERCIAL CUBIC EVAPORATORS EVAPORADORES CÚBICOS COMERCIALES

The HEA range of commercial cubic evaporators has been designed for use in cold rooms for the preservation of fresh and frozen products.

The exchange coils used in the HEA range are highly efficient with special profile aluminum fins and internally grooved tubes, with a reduced internal volume to reduce the necessary refrigerant charge, meeting the needs of the different international regulations for the reduction of gases with high greenhouse effect. They are supplied clean and tested under a pressure of 30 bar.

The HEA range has models with 3 different fin pitch depending on the temperature of the cold room:

- HEA XXXX XX 4X: with 4 mm pitch, suitable for high temperatures in the cold room ( $R_t \geq 0^\circ\text{C}$ )
- HEA XXXX XX 6X: with 6 mm pitch, suitable for medium temperatures in the cold room ( $R_t \geq -18^\circ\text{C}$ )
- HEA XXXX XX 9X: with 9 mm pitch, suitable for low temperatures in the cold room ( $R_t \geq -35^\circ\text{C}$ )

The standard electric fans used in this range have the following characteristics:

- $\varnothing 250, 300, 350, 400$  mm: single-phase 230V/1/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature  $-40^\circ\text{C}$  to  $+40^\circ\text{C}$ .

### HEA SERIES EVAPORATOR EVAPORADORES SERIE HEA

La gama de evaporadores cúbicos comerciales HEA ha sido diseñada para su uso en cámaras frigoríficas de conservación de productos frescos y congelados.

Los serpentines de intercambio utilizados en la gama HEA son de alta eficiencia con aletas de aluminio de perfil especial y tubos ranurados interiormente, con un volumen interno reducido para disminuir la carga de refrigerante necesaria, cumpliendo las necesidades de las diferentes normativas internacionales para la disminución de los gases de alto efecto invernadero. Se suministran limpias y probadas a una presión de 30 bar.

La gama HEA dispone de modelos con 3 diferentes separaciones de aleta según la temperatura de la cámara:

- HEA XXXX XX 4X: con separación de 4 mm, aptos para altas temperaturas de cámara ( $R_t \geq 0^\circ\text{C}$ )
- HEA XXXX XX 6X: con separación de 6 mm, aptos para medias temperaturas de cámara ( $R_t \geq -18^\circ\text{C}$ )
- HEA XXXX XX 9X: con separación de 9 mm, aptos para bajas temperaturas de cámara ( $R_t \geq -35^\circ\text{C}$ )

Los motoventiladores eléctricos estándar utilizados en esta gama tienen las siguientes características:

- $\varnothing 250, 300, 350, 400$  mm: monofásicos 230V/1/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento  $-40^\circ\text{C}$  a  $+40^\circ\text{C}$ .

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

-ø450 mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to +40°C.

-ø500, 550, 630 mm: three-phase 400V/3/50 Hz with external rotor, with L-type grille and nozzle (long mouth). Operating temperature -40°C to +40°C.

-ø630, 800 mm: three-phase 400V/3/50 Hz with external rotor, with ZN-type grille and nozzle (long mouth). Operating temperature -40°C to +40°C.

White powder-coated aluminium casing with high resistance to corrosion and impacts.

In models with electric defrost, stainless steel electric heaters covered by aluminum tubes are used, located in the finned package and in the drip tray to avoid steam problems and make easy replacement.

The electrical parts are connected to an earth terminal, inside a connection box with access holes equipped with cable glands with IP 65 protection.

For performance at work points other than those in this catalog, use the "Unit Selector Hybrid HISPANIA" software.

For special applications and additional information consult our Technical Department.

-ø450 mm: trifásicos 400V/3/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a +40°C.

-ø500, 550 y 630 mm: trifásicos 400V/3/50 Hz de rotor externo, con bafle y rejilla tipo L (embocadura larga). Temperatura de funcionamiento -40°C a +40°C.

-ø630 y 800 mm: trifásicos 400V/3/50 Hz de rotor externo, con bafle y rejilla tipo ZN (embocadura larga). Temperatura de funcionamiento -40°C a +40°C.

La carcasa de aluminio pintado en blanco con polvo electrostático de alta resistencia a la corrosión y a los impactos.

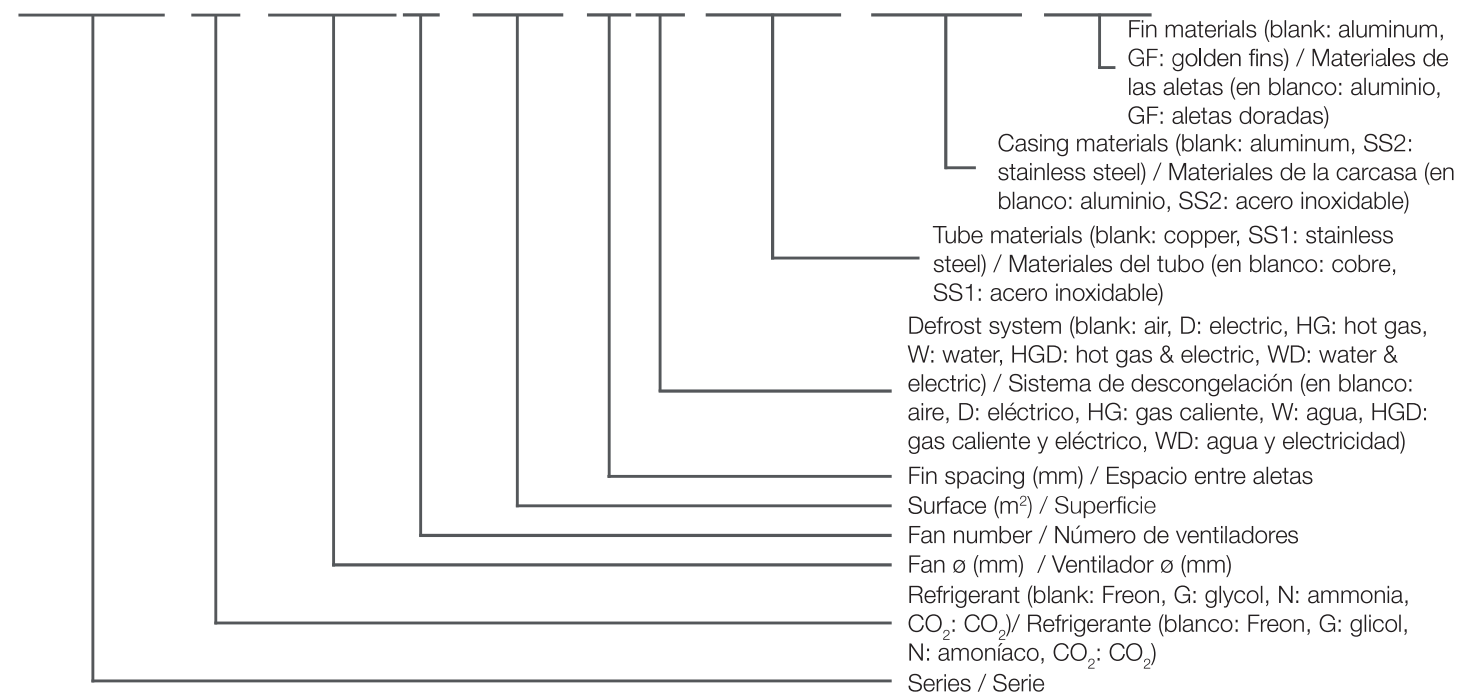
En los modelos con desescarche eléctrico se usan resistencias en acero inoxidable cubiertas por tubos de aluminio, situados en el paquete de aletas y en la bandeja de drenaje para evitar problemas de vapor y facilitar la sustitución.

Las partes eléctricas están conectadas a un terminal de tierra, dentro de una caja de conexiones con orificios de acceso equipados con recubrimiento de cables con grado de protección IP 65.

Para trabajos con distintos rendimientos a los de este catálogo utilice el software "Unit Selector Hybrid HISPANIA".

Para aplicaciones especiales e informaciones adicionales consultar a nuestro Departamento Técnico.

# HEA G 2501 09 4D SS1 SS2 GF

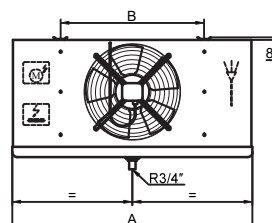
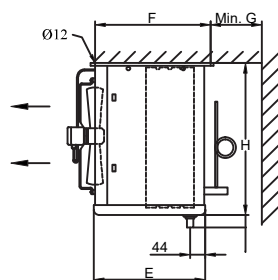


# COMMERCIAL CUBIC EVAPORATORS

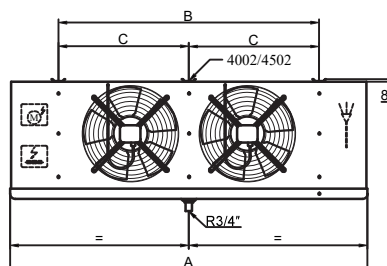
## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

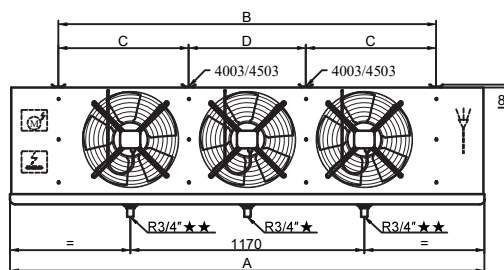
EVAPORATORS/ EVAPORADORES HFC/HFO/(HCFC)



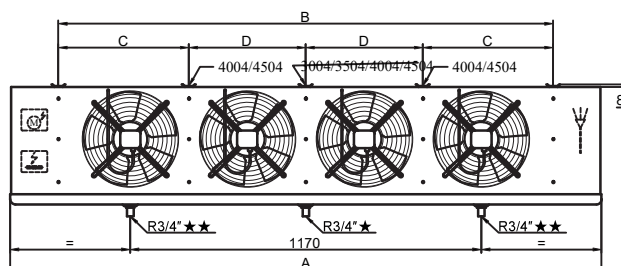
HEA  
2501/3001/3501/4001/4501



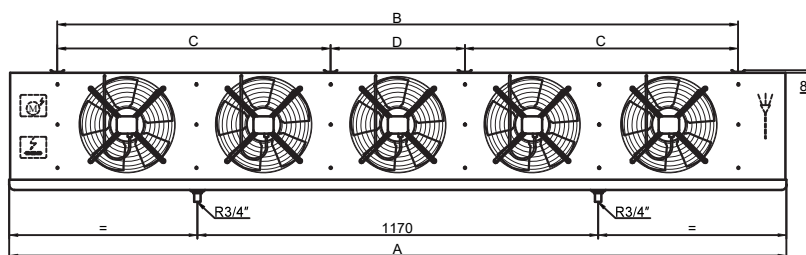
HEA  
2502/3002/3502/4002/4502



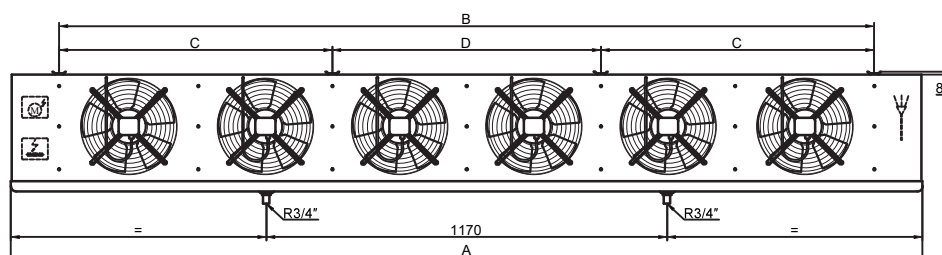
HEA  
★2503/3003/3503/4003  
★★4503



HEA  
★2504/3004/3504  
★★4004/4504



HEA  
2505/3005/3505



HEA  
2506/3006/3506

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

EVAPORATORS / EVAPORADORES HFC/HFO/(HFO)

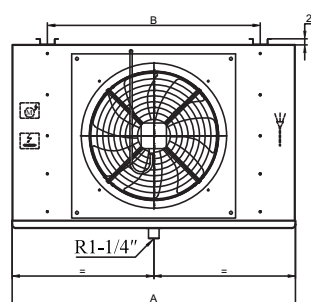
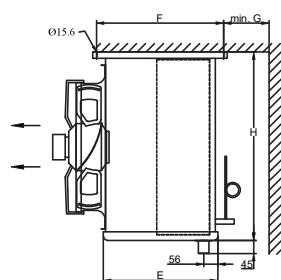
| Model /<br>Model | Dimensions / Dimensiones (mm) |      |     |     |     |     |     |     |
|------------------|-------------------------------|------|-----|-----|-----|-----|-----|-----|
|                  | A                             | B    | C   | D   | E   | F   | G   | H   |
| HEA 2501...      | 702                           | 420  |     |     | 325 | 375 | 200 | 350 |
| HEA 2502...      | 1094                          | 812  |     |     | 325 | 375 | 200 | 350 |
| HEA 2503...      | 1486                          | 1204 |     |     | 325 | 375 | 200 | 350 |
| HEA 2504...      | 1878                          | 1596 | 798 |     | 325 | 375 | 200 | 350 |
| HEA 2505...      | 2270                          | 1988 | 798 | 392 | 325 | 375 | 200 | 360 |
| HEA 2506...      | 2662                          | 2380 | 798 | 784 | 325 | 375 | 250 | 360 |
| HEA 3001...      | 702                           | 420  |     |     | 325 | 375 | 200 | 460 |
| HEA 3002...      | 1094                          | 812  |     |     | 325 | 375 | 200 | 460 |
| HEA 3003...      | 1486                          | 1204 |     |     | 325 | 375 | 250 | 460 |
| HEA 3004...      | 1878                          | 1596 | 798 |     | 325 | 375 | 250 | 460 |
| HEA 3005...      | 2270                          | 1988 | 798 | 392 | 325 | 375 | 300 | 470 |
| HEA 3006...      | 2662                          | 2380 | 798 | 784 | 325 | 375 | 300 | 470 |
| HEA 3501...      | 702                           | 420  |     |     | 455 | 507 | 200 | 460 |
| HEA 3502...      | 1094                          | 812  |     |     | 455 | 507 | 200 | 460 |
| HEA 3503...      | 1486                          | 1204 |     |     | 455 | 507 | 250 | 460 |
| HEA 3504...      | 1878                          | 1596 | 798 |     | 455 | 507 | 250 | 460 |
| HEA 3505...      | 2270                          | 1988 | 798 | 392 | 455 | 507 | 300 | 470 |
| HEA 3506...      | 2662                          | 2380 | 798 | 784 | 455 | 507 | 300 | 470 |
| HEA 4001...      | 912                           | 630  |     |     | 325 | 375 | 250 | 530 |
| HEA 4002...      | 1486                          | 1204 | 602 |     | 325 | 375 | 300 | 530 |
| HEA 4003...      | 1878                          | 1596 | 546 | 504 | 325 | 375 | 300 | 530 |
| HEA 4004...      | 2662                          | 2380 | 595 | 595 | 325 | 375 | 350 | 540 |
| HEA 4501...      | 1094                          | 812  |     |     | 325 | 375 | 300 | 600 |
| HEA 4502...      | 1878                          | 1596 | 798 |     | 325 | 375 | 300 | 600 |
| HEA 4503...      | 2662                          | 2380 | 798 | 784 | 325 | 375 | 350 | 610 |
| HEA 4504...      | 3446                          | 3164 | 798 | 784 | 325 | 375 | 350 | 610 |

# COMMERCIAL CUBIC EVAPORATORS

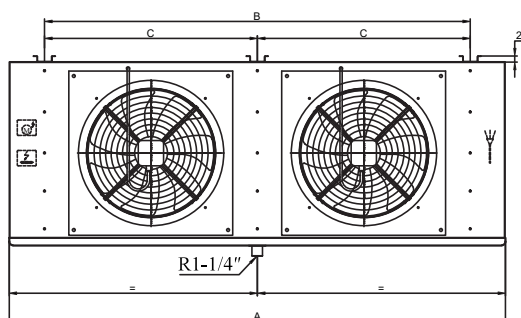
## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

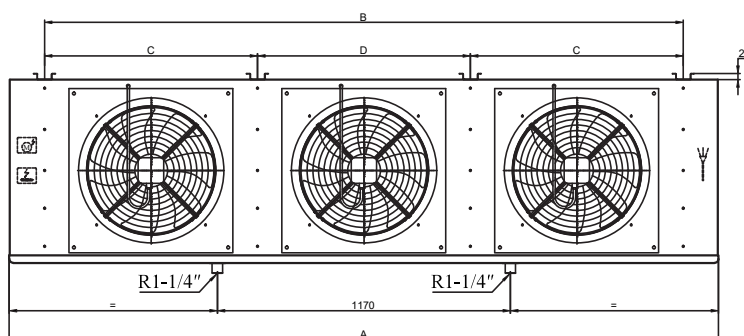
EVAPORATORS/ EVAPORADORES HFC/HFO/(HCFC)



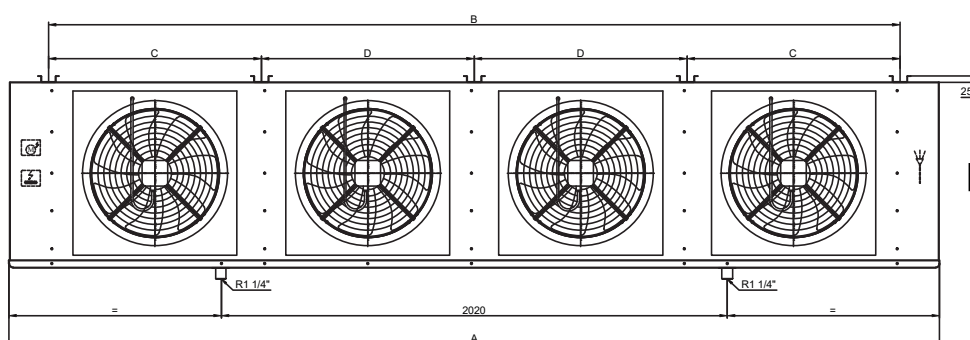
HEA 5001



HEA 5002



HEA 5003



HEA 5004

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

EVAPORATORS/ EVAPORADORES HFC/HFO/(HCO)

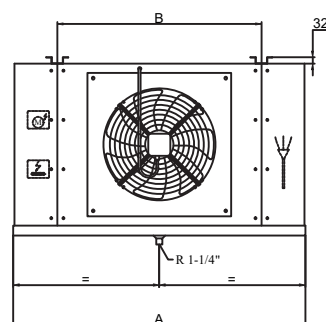
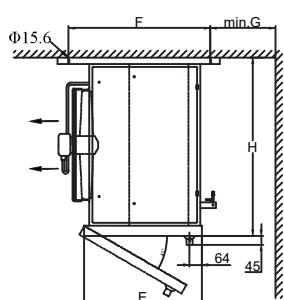
| Model /<br>Model    | Dimensions / Dimensiones (mm) |      |     |     |     |     |
|---------------------|-------------------------------|------|-----|-----|-----|-----|
|                     | A                             | B    | C   | D   | E   | F   |
| HEA 5001...(4 rows) | 1185                          | 850  |     | 455 | 507 | 400 |
| HEA 5001...(6 rows) | 1185                          | 850  |     | 455 | 507 | 400 |
| HEA 5001...(8 rows) | 1185                          | 850  |     | 525 | 577 | 400 |
| HEA 5002...(4 rows) | 2035                          | 1700 | 850 | 455 | 507 | 400 |
| HEA 5002...(6 rows) | 2035                          | 1700 | 850 | 455 | 507 | 400 |
| HEA 5002...(8 rows) | 2035                          | 1700 | 850 | 525 | 577 | 400 |
| HEA 5003...(4 rows) | 2885                          | 2550 | 850 | 455 | 507 | 450 |
| HEA 5003...(6 rows) | 2885                          | 2550 | 850 | 455 | 507 | 450 |
| HEA 5003...(8 rows) | 2885                          | 2550 | 850 | 525 | 577 | 450 |
| HEA 5004...(4 rows) | 3735                          | 3400 | 850 | 455 | 507 | 450 |
| HEA 5004...(6 rows) | 3735                          | 3400 | 850 | 455 | 507 | 450 |
| HEA 5004...(8 rows) | 3735                          | 3400 | 850 | 525 | 577 | 450 |

# COMMERCIAL CUBIC EVAPORATORS

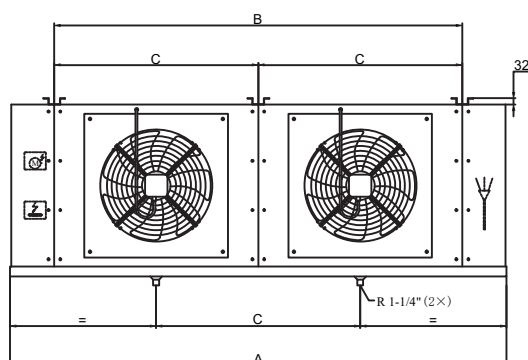
## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

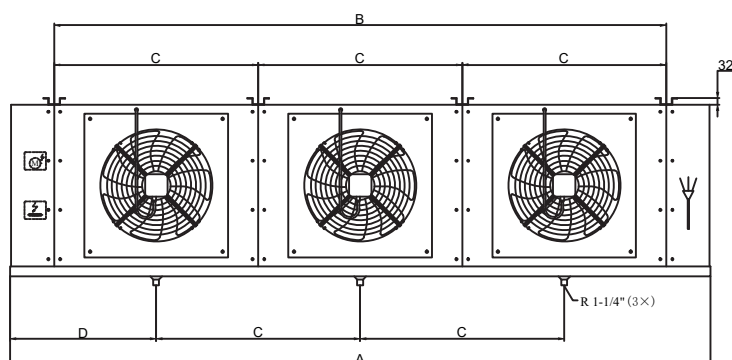
EVAPORATORS/ EVAPORADORES HFC/HFO/(HCFC)



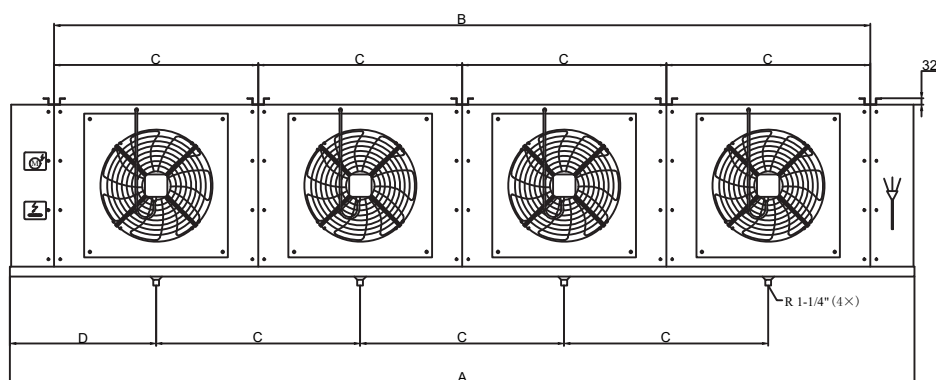
HEA  
5501/6301/8001



HEA  
5502/6302/8002



HEA  
5503/6303/8003



HEA  
5504/6304

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

EVAPORATORS / EVAPORADORES HFC/HFO/(HFO)

| Model / Model       | Dimensions / Dimensiones (mm) |      |      |     |     |     |     |      |
|---------------------|-------------------------------|------|------|-----|-----|-----|-----|------|
|                     | A                             | B    | C    | D   | E   | F   | G   | H    |
| HEA 5501...(4 rows) | 1500                          | 1030 |      |     | 525 | 635 | 260 | 870  |
| HEA 5501...(6 rows) | 1500                          | 1030 |      |     | 525 | 635 | 260 | 870  |
| HEA 5501...(8 rows) | 1500                          | 1030 |      |     | 595 | 705 | 260 | 870  |
| HEA 5502...(4 rows) | 2530                          | 2060 | 1030 |     | 525 | 635 | 380 | 870  |
| HEA 5502...(6 rows) | 2530                          | 2060 | 1030 |     | 525 | 635 | 380 | 870  |
| HEA 5502...(8 rows) | 2530                          | 2060 | 1030 |     | 595 | 705 | 380 | 870  |
| HEA 5503...(4 rows) | 3560                          | 3090 | 1030 | 750 | 525 | 635 | 460 | 870  |
| HEA 5503...(6 rows) | 3560                          | 3090 | 1030 | 750 | 525 | 635 | 460 | 870  |
| HEA 5503...(8 rows) | 3560                          | 3090 | 1030 | 750 | 595 | 705 | 460 | 870  |
| HEA 5504...(4 rows) | 4590                          | 4120 | 1030 | 750 | 525 | 635 | 500 | 870  |
| HEA 5504...(6 rows) | 4590                          | 4120 | 1030 | 750 | 525 | 635 | 500 | 870  |
| HEA 5504...(8 rows) | 4590                          | 4120 | 1030 | 750 | 595 | 705 | 500 | 870  |
| HEA 6301...(4 rows) | 1700                          | 1230 |      |     | 555 | 665 | 310 | 1010 |
| HEA 6301...(6 rows) | 1700                          | 1230 |      |     | 555 | 665 | 310 | 1010 |
| HEA 6301...(8 rows) | 1700                          | 1230 |      |     | 625 | 735 | 310 | 1010 |
| HEA 6302...(4 rows) | 2930                          | 2460 | 1230 |     | 555 | 665 | 440 | 1010 |
| HEA 6302...(6 rows) | 2930                          | 2460 | 1230 |     | 555 | 665 | 440 | 1010 |
| HEA 6302...(8 rows) | 2930                          | 2460 | 1230 |     | 625 | 735 | 440 | 1010 |
| HEA 6303...(4 rows) | 4160                          | 3690 | 1230 | 850 | 555 | 665 | 530 | 1010 |
| HEA 6303...(6 rows) | 4160                          | 3690 | 1230 | 850 | 555 | 665 | 530 | 1010 |
| HEA 6303...(8 rows) | 4160                          | 3690 | 1230 | 850 | 625 | 735 | 530 | 1010 |
| HEA 6304...(4 rows) | 5390                          | 4920 | 1230 | 850 | 555 | 665 | 580 | 1010 |
| HEA 6304...(6 rows) | 5390                          | 4920 | 1230 | 850 | 555 | 665 | 580 | 1010 |
| HEA 6304...(8 rows) | 5390                          | 4920 | 1230 | 850 | 625 | 735 | 580 | 1010 |
| HEA 8001...(4 rows) | 1900                          | 1430 |      |     | 620 | 730 | 390 | 1360 |
| HEA 8001...(6 rows) | 1900                          | 1430 |      |     | 620 | 730 | 390 | 1360 |
| HEA 8001...(8 rows) | 1900                          | 1430 |      |     | 690 | 800 | 390 | 1360 |
| HEA 8002...(4 rows) | 3330                          | 2860 | 1430 |     | 620 | 730 | 580 | 1360 |
| HEA 8002...(6 rows) | 3330                          | 2860 | 1430 |     | 620 | 730 | 580 | 1360 |
| HEA 8002...(8 rows) | 3330                          | 2860 | 1430 |     | 690 | 800 | 580 | 1360 |
| HEA 8003...(4 rows) | 4760                          | 4290 | 1430 | 950 | 620 | 730 | 700 | 1360 |
| HEA 8003...(6 rows) | 4760                          | 4290 | 1430 | 950 | 620 | 730 | 700 | 1360 |
| HEA 8003...(8 rows) | 4760                          | 4290 | 1430 | 950 | 690 | 800 | 700 | 1360 |

The number of rows refers to the number of tube rows in width in the heat exchanger. The number of rows can be found in the characteristics of each evaporator on the following pages.

El número de filas se refiere al número de filas de tubos en anchura en el intercambiador de calor. Se puede ver el número de filas en las características de cada evaporador en las páginas siguientes.

# COMMERCIAL CUBIC EVAPORATORS

## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

| Model /<br>Modelo | Capacity /<br>Capacidad<br>R404A<br>(kW) |                        | Capacity /<br>Capacidad<br>R448A/R449A<br>(kW) |                        | Superficie/<br>Surface<br>(m²) | Tube<br>Volume/<br>Volumen<br>Interno<br>(dm³) | N.W/<br>Peso<br>Neto<br>(kg) | Connection/<br>Conexión<br>(ø mm) |                   |
|-------------------|------------------------------------------|------------------------|------------------------------------------------|------------------------|--------------------------------|------------------------------------------------|------------------------------|-----------------------------------|-------------------|
|                   | t <sub>e</sub> = -8°C                    | t <sub>e</sub> = -25°C | t <sub>e</sub> = -8°C                          | t <sub>e</sub> = -25°C |                                |                                                |                              | Inlet/<br>Entrada                 | Outlet/<br>Salida |
|                   | DT1=8K                                   | DT1=7K                 | DT1=8K                                         | DT1=7K                 |                                |                                                |                              |                                   |                   |
| HEA 2501 09 4D    | 1.49                                     | 1.01                   | 1.55                                           | 1.08                   | 8.3                            | 1.4                                            | 12                           | 12                                | 16                |
| HEA 2502 17 4D    | 3.07                                     | 2.12                   | 3.17                                           | 2.26                   | 16.7                           | 2.8                                            | 21                           | 12                                | 19                |
| HEA 2503 26 4D    | 4.64                                     | 3.23                   | 4.79                                           | 3.43                   | 25.1                           | 4.2                                            | 30                           | 12                                | 22                |
| HEA 2504 35 4D    | 6.36                                     | 4.74                   | 6.38                                           | 4.71                   | 33.5                           | 5.6                                            | 38                           | 12                                | 22                |
| HEA 2505 41 4D    | 7.95                                     | 5.75                   | 8.07                                           | 5.89                   | 41.8                           | 7.0                                            | 47                           | 15                                | 28                |
| HEA 2506 52 4D    | 9.39                                     | 6.58                   | 9.65                                           | 6.96                   | 50.2                           | 8.5                                            | 56                           | 15                                | 28                |
| HEA 3001 12 4D    | 2.35                                     | 1.74                   | 2.39                                           | 1.76                   | 11.1                           | 1.9                                            | 15                           | 12                                | 19                |
| HEA 3002 23 4D    | 4.78                                     | 3.55                   | 4.83                                           | 3.58                   | 22.3                           | 3.8                                            | 25                           | 12                                | 22                |
| HEA 3003 35 4D    | 7.20                                     | 5.37                   | 7.27                                           | 5.40                   | 33.5                           | 5.6                                            | 36                           | 12                                | 22                |
| HEA 3004 46 4D    | 9.50                                     | 6.70                   | 9.75                                           | 7.05                   | 44.6                           | 7.5                                            | 47                           | 15                                | 28                |
| HEA 3005 56 4D    | 11.98                                    | 8.58                   | 12.23                                          | 8.94                   | 55.8                           | 9.4                                            | 58                           | 15                                | 28                |
| HEA 3006 69 4D    | 14.06                                    | 9.69                   | 14.55                                          | 10.34                  | 67.0                           | 11.3                                           | 68                           | 15                                | 28                |
| HEA 3501 14 4D    | 3.29                                     | 2.53                   | 3.31                                           | 2.52                   | 13.9                           | 2.3                                            | 18                           | 12                                | 19                |
| HEA 3502 27 4D    | 6.65                                     | 5.16                   | 6.68                                           | 5.12                   | 27.9                           | 4.7                                            | 33                           | 12                                | 22                |
| HEA 3503 41 4D    | 9.94                                     | 7.13                   | 10.22                                          | 7.54                   | 41.8                           | 7.0                                            | 47                           | 15                                | 22                |
| HEA 3504 55 4D    | 13.48                                    | 10.15                  | 13.64                                          | 10.42                  | 55.8                           | 9.4                                            | 62                           | 15                                | 28                |
| HEA 3505 70 4D    | 16.69                                    | 12.03                  | 17.13                                          | 12.68                  | 69.7                           | 11.7                                           | 76                           | 15                                | 35                |
| HEA 3506 83 4D    | 19.43                                    | 13.41                  | 20.27                                          | 14.33                  | 83.7                           | 14.1                                           | 91                           | 15                                | 35                |
| HEA 4001 20 4D    | 5.02                                     | 3.78                   | 5.07                                           | 3.86                   | 19.9                           | 3.4                                            | 24                           | 12                                | 19                |
| HEA 4002 40 4D    | 9.99                                     | 7.43                   | 10.14                                          | 7.68                   | 39.0                           | 6.6                                            | 42                           | 12                                | 22                |
| HEA 4003 54 4D    | 13.41                                    | 9.39                   | 13.92                                          | 10.11                  | 52.1                           | 8.8                                            | 57                           | 15                                | 28                |
| HEA 4004 81 4D    | 20.10                                    | 15.01                  | 20.35                                          | 15.48                  | 78.1                           | 13.2                                           | 80                           | 15                                | 35                |
| HEA 4501 31 4D    | 7.79                                     | 5.35                   | 8.15                                           | 5.84                   | 29.7                           | 5.0                                            | 31                           | 12                                | 22                |
| HEA 4502 61 4D    | 15.89                                    | 11.03                  | 16.54                                          | 11.81                  | 59.5                           | 10.0                                           | 57                           | 15                                | 28                |
| HEA 4503 92 4D    | 24.70                                    | 18.40                  | 25.07                                          | 19.06                  | 89.3                           | 15.0                                           | 82                           | 15                                | 35                |
| HEA 4504 119 4D   | 32.10                                    | 22.41                  | 33.35                                          | 23.92                  | 119.1                          | 20.0                                           | 107                          | 22                                | 42                |
| HEA 5001 39 4D    | 10.16                                    | 6.94                   | 10.68                                          | 7.54                   | 37.8                           | 6.4                                            | 52                           | 15                                | 28                |
| HEA 5001 58 4D    | 13.66                                    | 10.46                  | 13.75                                          | 10.43                  | 56.6                           | 9.5                                            | 61                           | 15                                | 28                |
| *HEA 5001 76 4D   | 15.17                                    | 10.64                  | 15.63                                          | 11.30                  | 75.5                           | 12.7                                           | 62                           | 22                                | 35                |
| HEA 5002 81 4D    | 21.10                                    | 14.45                  | 22.12                                          | 15.62                  | 78.1                           | 13.2                                           | 95                           | 22                                | 35                |
| HEA 5002 121 4D   | 28.29                                    | 20.88                  | 28.70                                          | 21.52                  | 117.2                          | 19.7                                           | 115                          | 22                                | 35                |
| *HEA 5002 156 4D  | 31.37                                    | 22.10                  | 32.28                                          | 23.41                  | 156.2                          | 26.3                                           | 125                          | 28                                | 54                |
| HEA 5003 122 4D   | 33.70                                    | 24.76                  | 34.39                                          | 25.90                  | 119.7                          | 20.1                                           | 140                          | 28                                | 42                |
| HEA 5003 183 4D   | 40.54                                    | 27.26                  | 42.60                                          | 29.52                  | 179.5                          | 30.2                                           | 169                          | 28                                | 42                |
| *HEA 5003 237 4D  | 48.58                                    | 36.11                  | 49.11                                          | 36.40                  | 237.0                          | 39.9                                           | 191                          | 28                                | 76                |
| HEA 5004 159 4D   | 43.00                                    | 29.49                  | 45.02                                          | 31.84                  | 158.9                          | 26.7                                           | 162                          | 28                                | 54                |
| HEA 5004 238 4D   | 55.79                                    | 38.75                  | 57.83                                          | 41.47                  | 238.3                          | 40.1                                           | 208                          | 28                                | 67                |
| *HEA 5004 318 4D  | 63.81                                    | 45.04                  | 65.58                                          | 47.65                  | 317.7                          | 53.5                                           | 252                          | 35                                | 76                |

\* The coil has 8 rows.

\* La bobina tiene 8 filas.

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

| Model/<br>Model | Axial Fans/<br>Ventilador con motor axial |    |                                  |                           |                                    |                                           |                                         | Electric Defrost/<br>Desescarche Eléctrico |                                 |              |
|-----------------|-------------------------------------------|----|----------------------------------|---------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------|--------------|
|                 | Diámetro<br>Diameter<br>(Φ mm)            | Nº | Voltage/<br>Voltaje<br>(V, 50Hz) | Power/<br>Potencia<br>(W) | Current/<br>Intensi-<br>dad<br>(A) | Air Flow/<br>Volumen<br>de Aire<br>(m³/h) | Air<br>Throw/<br>Tiro de<br>Aire<br>(m) | Coil/<br>Bateria<br>(W)                    | Drain<br>Pan/<br>Bandeja<br>(W) | Total<br>(W) |
| HEA 2501 09 4D  | 250                                       | 1  | 1 ~ 230                          | 50                        | 0.2                                | 777                                       | 4                                       | 2 × 440                                    | 1 × 440                         | 1320         |
| HEA 2502 17 4D  | 250                                       | 2  | 1 ~ 230                          | 100                       | 0.5                                | 1554                                      | 5                                       | 2 × 730                                    | 1 × 730                         | 2190         |
| HEA 2503 26 4D  | 250                                       | 3  | 1 ~ 230                          | 150                       | 0.7                                | 2332                                      | 6                                       | 2 × 1030                                   | 1 × 1030                        | 3090         |
| HEA 2504 35 4D  | 250                                       | 4  | 1 ~ 230                          | 200                       | 0.9                                | 3112                                      | 7                                       | 2 × 1310                                   | 1 × 1310                        | 3930         |
| HEA 2505 41 4D  | 250                                       | 5  | 1 ~ 230                          | 250                       | 1.2                                | 3889                                      | 8                                       | 2 × 1600                                   | 1 × 1600                        | 4800         |
| HEA 2506 52 4D  | 250                                       | 6  | 1 ~ 230                          | 300                       | 1.4                                | 4666                                      | 10                                      | 2 × 1890                                   | 1 × 1890                        | 5670         |
| HEA 3001 12 4D  | 300                                       | 1  | 1 ~ 230                          | 72                        | 0.3                                | 1288                                      | 6                                       | 3 × 440                                    | 1 × 440                         | 1760         |
| HEA 3002 23 4D  | 300                                       | 2  | 1 ~ 230                          | 144                       | 0.6                                | 2577                                      | 7                                       | 3 × 730                                    | 1 × 730                         | 2920         |
| HEA 3003 35 4D  | 300                                       | 3  | 1 ~ 230                          | 216                       | 1.0                                | 3867                                      | 9                                       | 3 × 1030                                   | 1 × 1030                        | 4120         |
| HEA 3004 46 4D  | 300                                       | 4  | 1 ~ 230                          | 288                       | 1.3                                | 5155                                      | 10                                      | 3 × 1310                                   | 1 × 1310                        | 5240         |
| HEA 3005 56 4D  | 300                                       | 5  | 1 ~ 230                          | 360                       | 1.6                                | 6444                                      | 13                                      | 3 × 1600                                   | 1 × 1600                        | 6400         |
| HEA 3006 69 4D  | 300                                       | 6  | 1 ~ 230                          | 432                       | 1.9                                | 7732                                      | 15                                      | 3 × 1890                                   | 1 × 1890                        | 7560         |
| HEA 3501 14 4D  | 350                                       | 1  | 1 ~ 230                          | 130                       | 0.6                                | 1759                                      | 10                                      | 4 × 440                                    | 2 × 440                         | 2640         |
| HEA 3502 27 4D  | 350                                       | 2  | 1 ~ 230                          | 260                       | 1.2                                | 3524                                      | 13                                      | 4 × 730                                    | 2 × 730                         | 4380         |
| HEA 3503 41 4D  | 350                                       | 3  | 1 ~ 230                          | 390                       | 1.7                                | 5282                                      | 16                                      | 4 × 1030                                   | 2 × 1030                        | 6180         |
| HEA 3504 55 4D  | 350                                       | 4  | 1 ~ 230                          | 520                       | 2.3                                | 7050                                      | 19                                      | 4 × 1310                                   | 2 × 1310                        | 7860         |
| HEA 3505 70 4D  | 350                                       | 5  | 1 ~ 230                          | 650                       | 2.9                                | 8808                                      | 21                                      | 4 × 1600                                   | 2 × 1600                        | 9600         |
| HEA 3506 83 4D  | 350                                       | 6  | 1 ~ 230                          | 780                       | 3.5                                | 10566                                     | 23                                      | 4 × 1890                                   | 2 × 1890                        | 11340        |
| HEA 4001 20 4D  | 400                                       | 1  | 1 ~ 230                          | 160                       | 0.7                                | 3139                                      | 11                                      | 4 × 550                                    | 1 × 550                         | 2750         |
| HEA 4002 40 4D  | 400                                       | 2  | 1 ~ 230                          | 320                       | 1.5                                | 6217                                      | 13                                      | 4 × 1030                                   | 1 × 1030                        | 5150         |
| HEA 4003 54 4D  | 400                                       | 3  | 1 ~ 230                          | 480                       | 2.2                                | 8824                                      | 16                                      | 4 × 1310                                   | 1 × 1310                        | 6550         |
| HEA 4004 81 4D  | 400                                       | 4  | 1 ~ 230                          | 640                       | 2.9                                | 12439                                     | 19                                      | 4 × 1890                                   | 1 × 1890                        | 9450         |
| HEA 4501 31 4D  | 450                                       | 1  | 3 ~ 400                          | 460                       | 1.0                                | 5458                                      | 15                                      | 4 × 730                                    | 1 × 730                         | 3650         |
| HEA 4502 61 4D  | 450                                       | 2  | 3 ~ 400                          | 920                       | 1.9                                | 10920                                     | 18                                      | 4 × 1310                                   | 1 × 1310                        | 6550         |
| HEA 4503 92 4D  | 450                                       | 3  | 3 ~ 400                          | 1380                      | 2.9                                | 16391                                     | 21                                      | 4 × 1890                                   | 1 × 1890                        | 9450         |
| HEA 4504 119 4D | 450                                       | 4  | 3 ~ 400                          | 1840                      | 3.8                                | 21845                                     | 23                                      | 4 × 2470                                   | 1 × 2470                        | 12350        |
| HEA 5001 39 4D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 7457                                      | 20                                      | 6 × 730                                    | 1 × 730                         | 5110         |
| HEA 5001 58 4D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 6678                                      | 17                                      | 7 × 730                                    | 2 × 730                         | 6570         |
| HEA 5001 76 4D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 6088                                      | 14                                      | 8 × 730                                    | 2 × 730                         | 7300         |
| HEA 5002 81 4D  | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 15106                                     | 24                                      | 6 × 1400                                   | 1 × 1400                        | 9800         |
| HEA 5002 121 4D | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 13570                                     | 20                                      | 7 × 1400                                   | 2 × 1400                        | 12600        |
| HEA 5002 156 4D | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 12410                                     | 16                                      | 8 × 1400                                   | 2 × 1400                        | 14000        |
| HEA 5003 122 4D | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 22842                                     | 29                                      | 6 × 2050                                   | 1 × 2050                        | 14350        |
| HEA 5003 183 4D | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 20547                                     | 24                                      | 7 × 2050                                   | 2 × 2050                        | 18450        |
| HEA 5003 237 4D | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 18735                                     | 19                                      | 8 × 2050                                   | 2 × 2050                        | 20500        |
| HEA 5004 159 4D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 30391                                     | 34                                      | 6 × 3390                                   | 1 × 3390                        | 23730        |
| HEA 5004 238 4D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 27341                                     | 29                                      | 7 × 3390                                   | 2 × 3390                        | 30510        |
| HEA 5004 318 4D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 25047                                     | 24                                      | 8 × 3390                                   | 2 × 3390                        | 33900        |

# COMMERCIAL CUBIC EVAPORATORS

## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

EVAPORATORS/ EVAPORADORES HFC/HFO/(HCFC)

| Model /<br>Modelo | Capacity /<br>Capacidad<br>R404A<br>(kW) |                        | Capacity /<br>Capacidad<br>R448A/R449A<br>(kW) |                        | Superficie/<br>Surface<br>(m²) | Tube<br>Volume/<br>Volumen<br>Interno<br>(dm³) | Bobina<br>Filas<br>Coil<br>Rows | N.W/<br>Peso<br>Neto<br>(kg) | Connection/<br>Conexión<br>(ø mm) |                   |
|-------------------|------------------------------------------|------------------------|------------------------------------------------|------------------------|--------------------------------|------------------------------------------------|---------------------------------|------------------------------|-----------------------------------|-------------------|
|                   | t <sub>e</sub> = -8°C                    | t <sub>e</sub> = -25°C | t <sub>e</sub> = -8°C                          | t <sub>e</sub> = -25°C |                                |                                                |                                 |                              | Inlet/<br>Entrada                 | Outlet/<br>Salida |
|                   | DT1=8K                                   | DT1=7K                 | DT1=8K                                         | DT1=7K                 |                                |                                                |                                 |                              |                                   |                   |
| HEA 5501 51 4D    | 12.72                                    | 9.72                   | 12.79                                          | 9.67                   | 50.9                           | 8.6                                            | 4                               | 67                           | 15                                | 42                |
| HEA 5501 76 4D    | 16.36                                    | 11.56                  | 16.77                                          | 12.12                  | 76.4                           | 12.9                                           | 6                               | 83                           | 22                                | 42                |
| HEA 5501 102 4D   | 18.64                                    | 13.94                  | 17.95                                          | 13.57                  | 101.9                          | 17.1                                           | 8                               | 134                          | 22                                | 54                |
| HEA 5502 105 4D   | 26.02                                    | 19.86                  | 26.14                                          | 19.78                  | 104.7                          | 17.6                                           | 4                               | 162                          | 28                                | 54                |
| HEA 5502 157 4D   | 33.53                                    | 23.68                  | 34.29                                          | 24.79                  | 157.1                          | 26.4                                           | 6                               | 201                          | 28                                | 54                |
| HEA 5502 210 4D   | 36.46                                    | 24.93                  | 37.90                                          | 26.81                  | 209.5                          | 35.3                                           | 8                               | 244                          | 28                                | 54                |
| HEA 5503 159 4D   | 39.04                                    | 27.51                  | 40.17                                          | 29.09                  | 158.6                          | 26.7                                           | 4                               | 265                          | 28                                | 54                |
| HEA 5503 238 4D   | 50.68                                    | 35.82                  | 51.80                                          | 37.48                  | 237.8                          | 40.0                                           | 6                               | 323                          | 28                                | 67                |
| HEA 5503 317 4D   | 57.62                                    | 41.65                  | 58.56                                          | 42.67                  | 317.1                          | 53.4                                           | 8                               | 97                           | 2×28                              | 2×54              |
| HEA 5504 212 4D   | 52.62                                    | 40.12                  | 52.85                                          | 40.00                  | 212.4                          | 35.7                                           | 4                               | 117                          | 2×28                              | 2×54              |
| HEA 5504 319 4D   | 64.12                                    | 42.67                  | 67.24                                          | 46.58                  | 318.5                          | 53.6                                           | 6                               | 189                          | 35                                | 67                |
| HEA 5504 425 4D   | 73.90                                    | 50.65                  | 76.73                                          | 54.41                  | 424.7                          | 71.5                                           | 8                               | 231                          | 2×28                              | 2×54              |
| HEA 6301 73 4D    | 18.68                                    | 13.78                  | 18.94                                          | 14.24                  | 72.5                           | 12.2                                           | 4                               | 283                          | 22                                | 42                |
| HEA 6301 109 4D   | 23.78                                    | 18.24                  | 22.98                                          | 17.59                  | 108.8                          | 18.3                                           | 6                               | 342                          | 28                                | 67                |
| HEA 6301 145 4D   | 27.65                                    | 20.48                  | 27.81                                          | 20.28                  | 145.1                          | 24.4                                           | 8                               | 374                          | 28                                | 67                |
| HEA 6302 149 4D   | 38.07                                    | 28.10                  | 38.60                                          | 29.01                  | 148.5                          | 25.0                                           | 4                               | 454                          | 28                                | 67                |
| HEA 6302 223 4D   | 47.30                                    | 32.18                  | 49.17                                          | 34.62                  | 222.7                          | 37.5                                           | 6                               | 151                          | 28                                | 67                |
| HEA 6302 297 4D   | 56.27                                    | 41.74                  | 56.65                                          | 41.28                  | 297.0                          | 50.0                                           | 8                               | 186                          | 2×28                              | 2×67              |
| HEA 6303 224 4D   | 56.53                                    | 43.80                  | 56.53                                          | 42.91                  | 224.4                          | 37.8                                           | 4                               | 290                          | 2×28                              | 2×67              |
| HEA 6303 337 4D   | 71.48                                    | 48.67                  | 74.26                                          | 52.34                  | 336.6                          | 56.7                                           | 6                               | 364                          | 35                                | 76                |
| HEA 6303 449 4D   | 82.58                                    | 57.50                  | 85.10                                          | 60.99                  | 448.8                          | 75.6                                           | 8                               | 430                          | 2×28                              | 2×67              |
| HEA 6304 300 4D   | 76.89                                    | 56.74                  | 77.91                                          | 58.53                  | 300.4                          | 50.6                                           | 4                               | 539                          | 2×28                              | 2×67              |
| HEA 6304 451 4D   | 86.41                                    | -                      | 92.77                                          | 61.00                  | 450.5                          | 75.8                                           | 6                               | 52                           | 35                                | 76                |
| HEA 6304 601 4D   | 101.75                                   | 66.30                  | 107.91                                         | 73.52                  | 600.7                          | 101.1                                          | 8                               | 104                          | 2×28                              | 2×67              |
| HEA 8001 118 4D   | 30.14                                    | 22.84                  | 30.34                                          | 23.12                  | 117.5                          | 19.8                                           | 4                               | 153                          | 28                                | 67                |
| HEA 8001 176 4D   | 38.86                                    | 29.30                  | 39.03                                          | 28.97                  | 176.3                          | 29.7                                           | 6                               | 205                          | 28                                | 76                |
| HEA 8001 235 4D   | 44.14                                    | 32.40                  | 44.81                                          | 32.57                  | 235.1                          | 39.6                                           | 8                               | 73                           | 28                                | 76                |
| HEA 8002 240 4D   | 61.12                                    | 43.83                  | 62.59                                          | 46.02                  | 239.8                          | 40.4                                           | 4                               | 147                          | 35                                | 76                |
| HEA 8002 360 4D   | 79.07                                    | 56.72                  | 80.49                                          | 58.87                  | 359.7                          | 60.5                                           | 6                               | 220                          | 2×28                              | 2×67              |
| HEA 8002 480 4D   | 89.78                                    | 66.05                  | 90.94                                          | 66.47                  | 479.6                          | 80.7                                           | 8                               | 290                          | 2×28                              | 2×76              |
| HEA 8003 362 4D   | 92.47                                    | 70.01                  | 93.03                                          | 70.94                  | 362.0                          | 60.9                                           | 4                               | 115                          | 2×28                              | 2×76              |
| HEA 8003 543 4D   | 110.20                                   | 72.40                  | 116.32                                         | 79.00                  | 543.0                          | 91.4                                           | 6                               | 225                          | 2×28                              | 2×67              |
| HEA 8003 724 4D   | 127.55                                   | 86.43                  | 133.16                                         | 93.71                  | 724.1                          | 121.9                                          | 8                               | 333                          | 2×35                              | 2×76              |

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

| Model/<br>Model | Axial Fans/<br>Ventilador con motor axial |    |                                  |                           |                                    |                                           |                                         | Electric Defrost/<br>Desescarche Eléctrico |                                 |              |
|-----------------|-------------------------------------------|----|----------------------------------|---------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------|--------------|
|                 | Diámetro<br>Diameter<br>(Φ mm)            | Nº | Voltage/<br>Voltaje<br>(V, 50Hz) | Power/<br>Potencia<br>(W) | Current/<br>Intensi-<br>dad<br>(A) | Air Flow/<br>Volumen<br>de Aire<br>(m³/h) | Air<br>Throw/<br>Tiro de<br>Aire<br>(m) | Coil/<br>Bateria<br>(W)                    | Drain<br>Pan/<br>Bandeja<br>(W) | Total<br>(W) |
| HEA 5501 51 4D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 7871                                      | 16                                      | 4 × 1280                                   | 1 × 1280                        | 6400         |
| HEA 5501 76 4D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 7399                                      | 15                                      | 6 × 1280                                   | 2 × 1280                        | 10240        |
| HEA 5501 102 4D | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 6904                                      | 14                                      | 8 × 1280                                   | 2 × 1280                        | 12800        |
| HEA 5502 105 4D | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 15829                                     | 19                                      | 4 × 2320                                   | 1 × 2320                        | 11600        |
| HEA 5502 157 4D | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 14936                                     | 18                                      | 6 × 2320                                   | 2 × 2320                        | 18560        |
| HEA 5502 210 4D | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 13965                                     | 17                                      | 8 × 2320                                   | 2 × 2320                        | 23200        |
| HEA 5503 159 4D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 23776                                     | 22                                      | 4 × 3200                                   | 1 × 3200                        | 16000        |
| HEA 5503 238 4D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 22457                                     | 21                                      | 6 × 3200                                   | 2 × 3200                        | 25600        |
| HEA 5503 317 4D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 21031                                     | 20                                      | 8 × 3200                                   | 2 × 3200                        | 32000        |
| HEA 5504 212 4D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 31743                                     | 28                                      | 4 × 4260                                   | 1 × 4260                        | 21300        |
| HEA 5504 319 4D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 29974                                     | 26                                      | 6 × 4260                                   | 2 × 4260                        | 34080        |
| HEA 5504 425 4D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 28089                                     | 24                                      | 8 × 4260                                   | 2 × 4260                        | 42600        |
| HEA 6301 73 4D  | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 11682                                     | 19                                      | 5 × 1510                                   | 1 × 1510                        | 9060         |
| HEA 6301 109 4D | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 10965                                     | 18                                      | 7 × 1510                                   | 2 × 1510                        | 13590        |
| HEA 6301 145 4D | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 10334                                     | 17                                      | 9 × 1510                                   | 2 × 1510                        | 16610        |
| HEA 6302 149 4D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 23475                                     | 22                                      | 5 × 2740                                   | 1 × 2740                        | 16440        |
| HEA 6302 223 4D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 22069                                     | 21                                      | 7 × 2740                                   | 2 × 2740                        | 24660        |
| HEA 6302 297 4D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 20842                                     | 20                                      | 9 × 2740                                   | 2 × 2740                        | 30140        |
| HEA 6303 224 4D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 35279                                     | 28                                      | 5 × 3800                                   | 1 × 3800                        | 22800        |
| HEA 6303 337 4D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 33179                                     | 26                                      | 7 × 3800                                   | 2 × 3800                        | 34200        |
| HEA 6303 449 4D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 31339                                     | 24                                      | 9 × 3800                                   | 2 × 3800                        | 41800        |
| HEA 6304 300 4D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 47056                                     | 33                                      | 5 × 5060                                   | 1 × 5060                        | 30360        |
| HEA 6304 451 4D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 44282                                     | 31                                      | 7 × 5060                                   | 2 × 5060                        | 45540        |
| HEA 6304 601 4D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 41837                                     | 29                                      | 9 × 5060                                   | 2 × 5060                        | 55660        |
| HEA 8001 118 4D | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 18865                                     | 25                                      | 7 × 1700                                   | 1 × 1700                        | 13600        |
| HEA 8001 176 4D | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 17635                                     | 23                                      | 10 × 1700                                  | 2 × 1700                        | 20400        |
| HEA 8001 235 4D | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 16392                                     | 21                                      | 16 × 1700                                  | 2 × 1700                        | 30600        |
| HEA 8002 240 4D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 37904                                     | 29                                      | 7 × 2810                                   | 1 × 2810                        | 22480        |
| HEA 8002 360 4D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 35479                                     | 27                                      | 10 × 2810                                  | 2 × 2810                        | 33720        |
| HEA 8002 480 4D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 33087                                     | 25                                      | 16 × 2810                                  | 2 × 2810                        | 50580        |
| HEA 8003 362 4D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 56974                                     | 34                                      | 7 × 4420                                   | 1 × 4420                        | 35360        |
| HEA 8003 543 4D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 53304                                     | 32                                      | 10 × 4420                                  | 2 × 4420                        | 53040        |
| HEA 8003 724 4D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 49767                                     | 30                                      | 16 × 4420                                  | 2 × 4420                        | 79560        |

# COMMERCIAL CUBIC EVAPORATORS

## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

| Model /<br>Modelo | Capacity /<br>Capacidad<br>R404A<br>(kW) |                        | Capacity /<br>Capacidad<br>R448A/R449A<br>(kW) |                        | Superficie/<br>Surface<br>(m²) | Tube<br>Volume/<br>Volumen<br>Interno<br>(dm³) | N.W/<br>Peso<br>Neto<br>(kg) | Connection/<br>Conexión<br>(ø mm) |                   |
|-------------------|------------------------------------------|------------------------|------------------------------------------------|------------------------|--------------------------------|------------------------------------------------|------------------------------|-----------------------------------|-------------------|
|                   | t <sub>e</sub> = -8°C                    | t <sub>e</sub> = -25°C | t <sub>e</sub> = -8°C                          | t <sub>e</sub> = -25°C |                                |                                                |                              | Inlet/<br>Entrada                 | Outlet/<br>Salida |
|                   | DT1=8K                                   | DT1=7K                 | DT1=8K                                         | DT1=7K                 |                                |                                                |                              |                                   |                   |
| HEA 2501 06 6D    | 1.31                                     | 0.92                   | 1.35                                           | 0.95                   | 5.7                            | 1.4                                            | 12                           | 12                                | 16                |
| HEA 2502 11 6D    | 2.67                                     | 1.90                   | 2.74                                           | 1.95                   | 11.5                           | 2.8                                            | 20                           | 12                                | 19                |
| HEA 2503 17 6D    | 4.04                                     | 2.86                   | 4.14                                           | 2.96                   | 17.3                           | 4.2                                            | 29                           | 12                                | 22                |
| HEA 2504 23 6D    | 5.42                                     | 4.04                   | 5.29                                           | 3.94                   | 23.0                           | 5.6                                            | 37                           | 12                                | 22                |
| HEA 2505 29 6D    | 6.84                                     | 5.01                   | 6.92                                           | 5.01                   | 28.8                           | 7.0                                            | 45                           | 15                                | 28                |
| HEA 2506 35 6D    | 8.15                                     | 5.80                   | 8.32                                           | 5.99                   | 34.5                           | 8.5                                            | 54                           | 15                                | 28                |
| HEA 3001 08 6D    | 2.00                                     | 1.48                   | 2.00                                           | 1.47                   | 7.6                            | 1.9                                            | 14                           | 12                                | 19                |
| HEA 3002 15 6D    | 4.05                                     | 3.02                   | 4.03                                           | 2.98                   | 15.3                           | 3.8                                            | 25                           | 12                                | 22                |
| HEA 3003 23 6D    | 6.09                                     | 4.56                   | 6.07                                           | 4.49                   | 23.0                           | 5.6                                            | 35                           | 12                                | 22                |
| HEA 3004 31 6D    | 8.16                                     | 5.83                   | 8.31                                           | 6.02                   | 30.7                           | 7.5                                            | 45                           | 15                                | 28                |
| HEA 3005 38 6D    | 10.24                                    | 7.45                   | 10.39                                          | 7.58                   | 38.4                           | 9.4                                            | 55                           | 15                                | 28                |
| HEA 3006 46 6D    | 12.16                                    | 8.52                   | 12.47                                          | 8.97                   | 46.1                           | 11.3                                           | 66                           | 15                                | 28                |
| HEA 3501 10 6D    | 2.87                                     | 2.23                   | 2.82                                           | 2.16                   | 9.6                            | 2.3                                            | 18                           | 12                                | 19                |
| HEA 3502 19 6D    | 5.80                                     | 4.51                   | 5.69                                           | 4.38                   | 19.2                           | 4.7                                            | 32                           | 12                                | 22                |
| HEA 3503 28 6D    | 8.83                                     | 6.40                   | 9.02                                           | 6.69                   | 28.8                           | 7.0                                            | 46                           | 15                                | 22                |
| HEA 3504 38 6D    | 11.83                                    | 9.00                   | 11.94                                          | 9.03                   | 38.4                           | 9.4                                            | 60                           | 15                                | 28                |
| HEA 3505 48 6D    | 14.81                                    | 10.78                  | 15.11                                          | 11.24                  | 48.0                           | 11.7                                           | 74                           | 15                                | 35                |
| HEA 3506 57 6D    | 17.43                                    | 12.21                  | 18.03                                          | 13.02                  | 57.6                           | 14.1                                           | 88                           | 15                                | 35                |
| HEA 4001 13 6D    | 4.24                                     | 3.22                   | 4.25                                           | 3.18                   | 13.7                           | 3.4                                            | 23                           | 12                                | 19                |
| HEA 4002 27 6D    | 8.47                                     | 6.36                   | 8.55                                           | 6.40                   | 26.8                           | 6.6                                            | 41                           | 12                                | 22                |
| HEA 4003 36 6D    | 11.63                                    | 8.25                   | 11.96                                          | 8.72                   | 35.8                           | 8.8                                            | 55                           | 15                                | 28                |
| HEA 4004 54 6D    | 17.00                                    | 12.82                  | 17.16                                          | 12.87                  | 53.7                           | 13.2                                           | 78                           | 15                                | 35                |
| HEA 4501 20 6D    | 6.73                                     | 4.71                   | 6.96                                           | 5.02                   | 20.4                           | 5.0                                            | 30                           | 12                                | 22                |
| HEA 4502 41 6D    | 13.67                                    | 9.66                   | 14.09                                          | 10.23                  | 40.9                           | 10.0                                           | 54                           | 15                                | 28                |
| HEA 4503 61 6D    | 20.81                                    | 15.61                  | 21.02                                          | 15.91                  | 61.4                           | 15.0                                           | 79                           | 15                                | 35                |
| HEA 4504 82 6D    | 27.57                                    | 19.56                  | 28.34                                          | 20.65                  | 81.9                           | 20.0                                           | 103                          | 22                                | 42                |
| HEA 5001 26 6D    | 8.84                                     | 6.15                   | 9.18                                           | 6.60                   | 26.0                           | 6.4                                            | 51                           | 15                                | 28                |
| HEA 5001 39 6D    | 11.90                                    | 9.15                   | 11.75                                          | 8.93                   | 39.0                           | 9.5                                            | 59                           | 15                                | 28                |
| *HEA 5001 52 6D   | 13.95                                    | 9.87                   | 14.30                                          | 10.31                  | 51.9                           | 12.7                                           | 59                           | 22                                | 35                |
| HEA 5002 54 6D    | 18.29                                    | 12.76                  | 18.96                                          | 13.64                  | 53.7                           | 13.2                                           | 93                           | 22                                | 35                |
| HEA 5002 81 6D    | 24.83                                    | 18.57                  | 25.16                                          | 18.77                  | 80.6                           | 19.7                                           | 110                          | 22                                | 35                |
| *HEA 5002 108 6D  | 28.82                                    | 20.47                  | 29.50                                          | 21.37                  | 107.5                          | 26.3                                           | 120                          | 28                                | 54                |
| HEA 5003 82 6D    | 28.55                                    | 21.16                  | 28.95                                          | 21.84                  | 82.3                           | 20.1                                           | 135                          | 28                                | 42                |
| HEA 5003 122 6D   | 36.53                                    | 24.97                  | 38.01                                          | 26.85                  | 123.5                          | 30.2                                           | 162                          | 28                                | 42                |
| *HEA 5003 163 6D  | 44.02                                    | 32.85                  | 44.37                                          | 32.76                  | 163.0                          | 39.9                                           | 182                          | 28                                | 76                |
| HEA 5004 109 6D   | 37.22                                    | 26.00                  | 38.53                                          | 27.74                  | 109.3                          | 26.7                                           | 156                          | 28                                | 54                |
| HEA 5004 164 6D   | 49.76                                    | 35.05                  | 51.19                                          | 37.00                  | 163.9                          | 40.1                                           | 199                          | 28                                | 67                |
| *HEA 5004 219 6D  | 58.57                                    | 41.70                  | 59.91                                          | 43.69                  | 218.5                          | 53.5                                           | 240                          | 35                                | 76                |

\* The coil has 8 rows.

\* La bobina tiene 8 filas.

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

| Model/<br>Model | Axial Fans/<br>Ventilador con motor axial |    |                                  |                           |                                    |                                           |                                         | Electric Defrost/<br>Desescarche Eléctrico |                                 |              |
|-----------------|-------------------------------------------|----|----------------------------------|---------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------|--------------|
|                 | Diámetro<br>Diameter<br>(Φ mm)            | Nº | Voltage/<br>Voltaje<br>(V, 50Hz) | Power/<br>Potencia<br>(W) | Current/<br>Intensi-<br>dad<br>(A) | Air Flow/<br>Volumen<br>de Aire<br>(m³/h) | Air<br>Throw/<br>Tiro de<br>Aire<br>(m) | Coil/<br>Bateria<br>(W)                    | Drain<br>Pan/<br>Bandeja<br>(W) | Total<br>(W) |
| HEA 2501 06 6D  | 250                                       | 1  | 1 ~ 230                          | 50                        | 0.2                                | 822                                       | 4                                       | 2 × 440                                    | 1 × 440                         | 1320         |
| HEA 2502 11 6D  | 250                                       | 2  | 1 ~ 230                          | 100                       | 0.5                                | 1646                                      | 5                                       | 2 × 730                                    | 1 × 730                         | 2190         |
| HEA 2503 17 6D  | 250                                       | 3  | 1 ~ 230                          | 150                       | 0.7                                | 2469                                      | 6                                       | 2 × 1030                                   | 1 × 1030                        | 3090         |
| HEA 2504 23 6D  | 250                                       | 4  | 1 ~ 230                          | 200                       | 0.9                                | 3295                                      | 7                                       | 2 × 1310                                   | 1 × 1310                        | 3930         |
| HEA 2505 29 6D  | 250                                       | 5  | 1 ~ 230                          | 250                       | 1.2                                | 4117                                      | 8                                       | 2 × 1600                                   | 1 × 1600                        | 4800         |
| HEA 2506 35 6D  | 250                                       | 6  | 1 ~ 230                          | 300                       | 1.4                                | 4940                                      | 10                                      | 2 × 1890                                   | 1 × 1890                        | 5670         |
| HEA 3001 08 6D  | 300                                       | 1  | 1 ~ 230                          | 72                        | 0.3                                | 1350                                      | 6                                       | 3 × 440                                    | 1 × 440                         | 1760         |
| HEA 3002 15 6D  | 300                                       | 2  | 1 ~ 230                          | 144                       | 0.6                                | 2702                                      | 7                                       | 3 × 730                                    | 1 × 730                         | 2920         |
| HEA 3003 23 6D  | 300                                       | 3  | 1 ~ 230                          | 216                       | 1.0                                | 4054                                      | 9                                       | 3 × 1030                                   | 1 × 1030                        | 4120         |
| HEA 3004 31 6D  | 300                                       | 4  | 1 ~ 230                          | 288                       | 1.3                                | 5404                                      | 11                                      | 3 × 1310                                   | 1 × 1310                        | 5240         |
| HEA 3005 38 6D  | 300                                       | 5  | 1 ~ 230                          | 360                       | 1.6                                | 6756                                      | 13                                      | 3 × 1600                                   | 1 × 1600                        | 6400         |
| HEA 3006 46 6D  | 300                                       | 6  | 1 ~ 230                          | 432                       | 1.9                                | 8105                                      | 15                                      | 3 × 1890                                   | 1 × 1890                        | 7560         |
| HEA 3501 10 6D  | 350                                       | 1  | 1 ~ 230                          | 130                       | 0.6                                | 1920                                      | 10                                      | 4 × 440                                    | 2 × 440                         | 2640         |
| HEA 3502 19 6D  | 350                                       | 2  | 1 ~ 230                          | 260                       | 1.2                                | 3846                                      | 14                                      | 4 × 730                                    | 2 × 730                         | 4380         |
| HEA 3503 28 6D  | 350                                       | 3  | 1 ~ 230                          | 390                       | 1.7                                | 5762                                      | 16                                      | 4 × 1030                                   | 2 × 1030                        | 6180         |
| HEA 3504 38 6D  | 350                                       | 4  | 1 ~ 230                          | 520                       | 2.3                                | 7691                                      | 20                                      | 4 × 1310                                   | 2 × 1310                        | 7860         |
| HEA 3505 48 6D  | 350                                       | 5  | 1 ~ 230                          | 650                       | 2.9                                | 9608                                      | 22                                      | 4 × 1600                                   | 2 × 1600                        | 9600         |
| HEA 3506 57 6D  | 350                                       | 6  | 1 ~ 230                          | 780                       | 3.5                                | 11525                                     | 24                                      | 4 × 1890                                   | 2 × 1890                        | 11340        |
| HEA 4001 13 6D  | 400                                       | 1  | 1 ~ 230                          | 160                       | 0.7                                | 3294                                      | 11                                      | 4 × 550                                    | 1 × 550                         | 2750         |
| HEA 4002 27 6D  | 400                                       | 2  | 1 ~ 230                          | 320                       | 1.5                                | 6536                                      | 14                                      | 4 × 1030                                   | 1 × 1030                        | 5150         |
| HEA 4003 36 6D  | 400                                       | 3  | 1 ~ 230                          | 480                       | 2.2                                | 9370                                      | 16                                      | 4 × 1310                                   | 1 × 1310                        | 6550         |
| HEA 4004 54 6D  | 400                                       | 4  | 1 ~ 230                          | 640                       | 2.9                                | 13074                                     | 19                                      | 4 × 1890                                   | 1 × 1890                        | 9450         |
| HEA 4501 20 6D  | 450                                       | 1  | 3 ~ 400                          | 460                       | 1.0                                | 5686                                      | 15                                      | 4 × 730                                    | 1 × 730                         | 3650         |
| HEA 4502 41 6D  | 450                                       | 2  | 3 ~ 400                          | 920                       | 1.9                                | 11375                                     | 18                                      | 4 × 1310                                   | 1 × 1310                        | 6550         |
| HEA 4503 61 6D  | 450                                       | 3  | 3 ~ 400                          | 1380                      | 2.9                                | 17074                                     | 22                                      | 4 × 1890                                   | 1 × 1890                        | 9450         |
| HEA 4504 82 6D  | 450                                       | 4  | 3 ~ 400                          | 1840                      | 3.8                                | 22753                                     | 24                                      | 4 × 2470                                   | 1 × 2470                        | 12350        |
| HEA 5001 26 6D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 7809                                      | 24                                      | 6 × 730                                    | 1 × 730                         | 5110         |
| HEA 5001 39 6D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 7095                                      | 21                                      | 7 × 730                                    | 2 × 730                         | 6570         |
| HEA 5001 52 6D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 6521                                      | 18                                      | 8 × 730                                    | 2 × 730                         | 7300         |
| HEA 5002 54 6D  | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 15791                                     | 24                                      | 6 × 1400                                   | 1 × 1400                        | 9800         |
| HEA 5002 81 6D  | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 14395                                     | 20                                      | 7 × 1400                                   | 2 × 1400                        | 12600        |
| HEA 5002 108 6D | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 13265                                     | 16                                      | 8 × 1400                                   | 2 × 1400                        | 14000        |
| HEA 5003 82 6D  | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 23858                                     | 29                                      | 6 × 2050                                   | 1 × 2050                        | 14350        |
| HEA 5003 122 6D | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 21773                                     | 24                                      | 7 × 2050                                   | 2 × 2050                        | 18450        |
| HEA 5003 163 6D | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 20014                                     | 19                                      | 8 × 2050                                   | 2 × 2050                        | 20500        |
| HEA 5004 109 6D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 31748                                     | 34                                      | 6 × 3390                                   | 1 × 3390                        | 23730        |
| HEA 5004 164 6D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 28980                                     | 29                                      | 7 × 3390                                   | 2 × 3390                        | 30510        |
| HEA 5004 219 6D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 26745                                     | 24                                      | 8 × 3390                                   | 2 × 3390                        | 33900        |

# COMMERCIAL CUBIC EVAPORATORS

## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

EVAPORATORS/ EVAPORADORES HFC/HFO/(HCFC)

| Model /<br>Modelo | Capacity /<br>Capacidad<br>R404A<br>(kW) |                        | Capacity /<br>Capacidad<br>R448A/R449A<br>(kW) |                        | Superficie/<br>Surface<br>(m <sup>2</sup> ) | Tube<br>Volume/<br>Volumen<br>Interno<br>(dm <sup>3</sup> ) | Bobina<br>Filas<br>Coil<br>Rows | N.W/<br>Peso<br>Neto<br>(kg) | Connection/<br>Conexión<br>(ø mm) |                   |
|-------------------|------------------------------------------|------------------------|------------------------------------------------|------------------------|---------------------------------------------|-------------------------------------------------------------|---------------------------------|------------------------------|-----------------------------------|-------------------|
|                   | t <sub>e</sub> = -8°C                    | t <sub>e</sub> = -25°C | t <sub>e</sub> = -8°C                          | t <sub>e</sub> = -25°C |                                             |                                                             |                                 |                              | Inlet/<br>Entrada                 | Outlet/<br>Salida |
|                   | DT1=8K                                   | DT1=7K                 | DT1=8K                                         | DT1=7K                 |                                             |                                                             |                                 |                              |                                   |                   |
| HEA 5501 35 6D    | 10.56                                    | 8.07                   | 10.33                                          | 7.81                   | 35.0                                        | 8.6                                                         | 4                               | 64                           | 15                                | 42                |
| HEA 5501 53 6D    | 14.34                                    | 10.32                  | 14.60                                          | 10.56                  | 52.6                                        | 12.9                                                        | 6                               | 79                           | 22                                | 42                |
| HEA 5501 70 6D    | 16.68                                    | 12.41                  | 15.70                                          | 12.00                  | 70.1                                        | 17.1                                                        | 8                               | 128                          | 22                                | 54                |
| HEA 5502 72 6D    | 21.58                                    | 16.46                  | 21.21                                          | 15.97                  | 72.0                                        | 17.6                                                        | 4                               | 154                          | 28                                | 54                |
| HEA 5502 108 6D   | 29.33                                    | 20.96                  | 29.82                                          | 21.58                  | 108.1                                       | 26.4                                                        | 6                               | 192                          | 28                                | 54                |
| HEA 5502 144 6D   | 33.65                                    | 23.22                  | 34.76                                          | 24.71                  | 144.1                                       | 35.3                                                        | 8                               | 232                          | 28                                | 54                |
| HEA 5503 109 6D   | 33.07                                    | 23.61                  | 33.74                                          | 24.57                  | 109.1                                       | 26.7                                                        | 4                               | 253                          | 28                                | 54                |
| HEA 5503 164 6D   | 44.32                                    | 31.69                  | 45.05                                          | 32.60                  | 163.6                                       | 40.0                                                        | 6                               | 307                          | 28                                | 67                |
| HEA 5503 218 6D   | 52.37                                    | 38.15                  | 53.11                                          | 38.14                  | 218.1                                       | 53.4                                                        | 8                               | 93                           | 2×28                              | 2×54              |
| HEA 5504 146 6D   | 43.62                                    | 33.25                  | 42.97                                          | 32.30                  | 146.1                                       | 35.7                                                        | 4                               | 111                          | 2×28                              | 2×54              |
| HEA 5504 219 6D   | 57.22                                    | 38.83                  | 59.42                                          | 41.71                  | 219.1                                       | 53.6                                                        | 6                               | 180                          | 35                                | 67                |
| HEA 5504 292 6D   | 68.16                                    | 47.13                  | 70.34                                          | 50.06                  | 292.1                                       | 71.5                                                        | 8                               | 220                          | 2×28                              | 2×54              |
| HEA 6301 50 6D    | 15.61                                    | 11.64                  | 15.77                                          | 11.68                  | 49.9                                        | 12.2                                                        | 4                               | 270                          | 22                                | 42                |
| HEA 6301 75 6D    | 20.39                                    | 15.45                  | 19.05                                          | 14.76                  | 74.8                                        | 18.3                                                        | 6                               | 325                          | 28                                | 67                |
| HEA 6301 100 6D   | 24.74                                    | 18.31                  | 24.43                                          | 18.02                  | 99.8                                        | 24.4                                                        | 8                               | 357                          | 28                                | 67                |
| HEA 6302 102 6D   | 31.80                                    | 23.69                  | 32.11                                          | 23.80                  | 102.1                                       | 25.0                                                        | 4                               | 431                          | 28                                | 67                |
| HEA 6302 153 6D   | 41.93                                    | 28.99                  | 43.22                                          | 30.75                  | 153.2                                       | 37.5                                                        | 6                               | 145                          | 28                                | 67                |
| HEA 6302 204 6D   | 50.36                                    | 37.36                  | 49.83                                          | 36.66                  | 204.3                                       | 50.0                                                        | 8                               | 177                          | 2×28                              | 2×67              |
| HEA 6303 154 6D   | 46.66                                    | 35.98                  | 44.74                                          | 34.33                  | 154.4                                       | 37.8                                                        | 4                               | 276                          | 2×28                              | 2×67              |
| HEA 6303 232 6D   | 63.32                                    | 43.84                  | 65.24                                          | 46.47                  | 231.5                                       | 56.7                                                        | 6                               | 346                          | 35                                | 76                |
| HEA 6303 309 6D   | 75.30                                    | 52.97                  | 77.15                                          | 55.34                  | 308.7                                       | 75.6                                                        | 8                               | 409                          | 2×28                              | 2×67              |
| HEA 6304 207 6D   | 64.19                                    | 47.79                  | 64.78                                          | 48.03                  | 206.6                                       | 50.6                                                        | 4                               | 511                          | 2×28                              | 2×67              |
| HEA 6304 310 6D   | 78.47                                    | 50.86                  | 83.23                                          | 55.46                  | 309.9                                       | 75.8                                                        | 6                               | 50                           | 35                                | 76                |
| HEA 6304 413 6D   | 94.51                                    | 62.57                  | 99.38                                          | 68.50                  | 413.2                                       | 101.1                                                       | 8                               | 100                          | 2×28                              | 2×67              |
| HEA 8001 81 6D    | 25.12                                    | 19.13                  | 25.07                                          | 18.75                  | 80.8                                        | 19.8                                                        | 4                               | 147                          | 28                                | 67                |
| HEA 8001 121 6D   | 33.48                                    | 25.31                  | 32.66                                          | 24.57                  | 121.3                                       | 29.7                                                        | 6                               | 197                          | 28                                | 76                |
| HEA 8001 162 6D   | 40.10                                    | 29.37                  | 40.56                                          | 29.31                  | 161.7                                       | 39.6                                                        | 8                               | 70                           | 28                                | 76                |
| HEA 8002 165 6D   | 51.68                                    | 37.42                  | 52.53                                          | 38.60                  | 164.9                                       | 40.4                                                        | 4                               | 141                          | 35                                | 76                |
| HEA 8002 247 6D   | 68.94                                    | 50.30                  | 69.84                                          | 51.07                  | 247.4                                       | 60.5                                                        | 6                               | 211                          | 2×28                              | 2×67              |
| HEA 8002 330 6D   | 81.48                                    | 59.74                  | 82.37                                          | 59.50                  | 329.9                                       | 80.7                                                        | 8                               | 278                          | 2×28                              | 2×76              |
| HEA 8003 249 6D   | 76.99                                    | 58.52                  | 77.13                                          | 57.49                  | 249.0                                       | 60.9                                                        | 4                               | 110                          | 2×28                              | 2×76              |
| HEA 8003 374 6D   | 98.85                                    | 66.35                  | 103.23                                         | 71.94                  | 373.5                                       | 91.4                                                        | 6                               | 215                          | 2×28                              | 2×67              |
| HEA 8003 498 6D   | 118.14                                   | 80.72                  | 122.53                                         | 86.49                  | 498.0                                       | 121.9                                                       | 8                               | 320                          | 2×35                              | 2×76              |

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

| Model/<br>Model | Axial Fans/<br>Ventilador con motor axial |    |                                  |                           |                                    |                                           |                                         | Electric Defrost/<br>Desescarche Eléctrico |                                 |              |
|-----------------|-------------------------------------------|----|----------------------------------|---------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------|--------------|
|                 | Diámetro<br>Diameter<br>(Φ mm)            | Nº | Voltage/<br>Voltaje<br>(V, 50Hz) | Power/<br>Potencia<br>(W) | Current/<br>Intensi-<br>dad<br>(A) | Air Flow/<br>Volumen<br>de Aire<br>(m³/h) | Air<br>Throw/<br>Tiro de<br>Aire<br>(m) | Coil/<br>Bateria<br>(W)                    | Drain<br>Pan/<br>Bandeja<br>(W) | Total<br>(W) |
| HEA 5501 35 6D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 8074                                      | 17                                      | 4 × 1280                                   | 1 × 1280                        | 6400         |
| HEA 5501 53 6D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 7663                                      | 16                                      | 6 × 1280                                   | 2 × 1280                        | 10240        |
| HEA 5501 70 6D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 7276                                      | 15                                      | 8 × 1280                                   | 2 × 1280                        | 12800        |
| HEA 5502 72 6D  | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 16230                                     | 20                                      | 4 × 2320                                   | 1 × 2320                        | 11600        |
| HEA 5502 108 6D | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 15424                                     | 19                                      | 6 × 2320                                   | 2 × 2320                        | 18560        |
| HEA 5502 144 6D | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 14695                                     | 18                                      | 8 × 2320                                   | 2 × 2320                        | 23200        |
| HEA 5503 109 6D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 24373                                     | 23                                      | 4 × 3200                                   | 1 × 3200                        | 16000        |
| HEA 5503 164 6D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 23184                                     | 22                                      | 6 × 3200                                   | 2 × 3200                        | 25600        |
| HEA 5503 218 6D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 22123                                     | 21                                      | 8 × 3200                                   | 2 × 3200                        | 32000        |
| HEA 5504 146 6D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 32538                                     | 27                                      | 4 × 4260                                   | 1 × 4260                        | 21300        |
| HEA 5504 219 6D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 30938                                     | 26                                      | 6 × 4260                                   | 2 × 4260                        | 34080        |
| HEA 5504 292 6D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 29542                                     | 25                                      | 8 × 4260                                   | 2 × 4260                        | 42600        |
| HEA 6301 50 6D  | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 11978                                     | 20                                      | 5 × 1510                                   | 1 × 1510                        | 9060         |
| HEA 6301 75 6D  | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 11369                                     | 19                                      | 7 × 1510                                   | 2 × 1510                        | 13590        |
| HEA 6301 100 6D | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 10803                                     | 18                                      | 9 × 1510                                   | 2 × 1510                        | 16610        |
| HEA 6302 102 6D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 24044                                     | 23                                      | 5 × 2740                                   | 1 × 2740                        | 16440        |
| HEA 6302 153 6D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 22848                                     | 22                                      | 7 × 2740                                   | 2 × 2740                        | 24660        |
| HEA 6302 204 6D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 21766                                     | 21                                      | 9 × 2740                                   | 2 × 2740                        | 30140        |
| HEA 6303 154 6D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 36112                                     | 27                                      | 5 × 3800                                   | 1 × 3800                        | 22800        |
| HEA 6303 232 6D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 34334                                     | 26                                      | 7 × 3800                                   | 2 × 3800                        | 34200        |
| HEA 6303 309 6D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 32716                                     | 25                                      | 9 × 3800                                   | 2 × 3800                        | 41800        |
| HEA 6304 207 6D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 48157                                     | 34                                      | 5 × 5060                                   | 1 × 5060                        | 30360        |
| HEA 6304 310 6D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 45813                                     | 32                                      | 7 × 5060                                   | 2 × 5060                        | 45540        |
| HEA 6304 413 6D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 43666                                     | 30                                      | 9 × 5060                                   | 2 × 5060                        | 55660        |
| HEA 8001 81 6D  | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 19462                                     | 25                                      | 7 × 1700                                   | 1 × 1700                        | 13600        |
| HEA 8001 121 6D | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 18277                                     | 24                                      | 10 × 1700                                  | 2 × 1700                        | 20400        |
| HEA 8001 162 6D | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 17358                                     | 23                                      | 16 × 1700                                  | 2 × 1700                        | 30600        |
| HEA 8002 165 6D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 39071                                     | 29                                      | 7 × 2810                                   | 1 × 2810                        | 22480        |
| HEA 8002 247 6D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 36729                                     | 28                                      | 10 × 2810                                  | 2 × 2810                        | 33720        |
| HEA 8002 330 6D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 34965                                     | 27                                      | 16 × 2810                                  | 2 × 2810                        | 50580        |
| HEA 8003 249 6D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 58702                                     | 34                                      | 7 × 4420                                   | 1 × 4420                        | 35360        |
| HEA 8003 374 6D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 55173                                     | 33                                      | 10 × 4420                                  | 2 × 4420                        | 53040        |
| HEA 8003 498 6D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 52541                                     | 32                                      | 16 × 4420                                  | 2 × 4420                        | 79560        |

# COMMERCIAL CUBIC EVAPORATORS

## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

| Model /<br>Modelo | Capacity /<br>Capacidad<br>R404A<br>(kW) |                        | Capacity /<br>Capacidad<br>R448A/R449A<br>(kW) |                        | Superficie/<br>Surface<br>(m²) | Tube<br>Volume/<br>Volumen<br>Interno<br>(dm³) | N.W/<br>Peso<br>Neto<br>(kg) | Connection/<br>Conexión<br>(ø mm) |                   |
|-------------------|------------------------------------------|------------------------|------------------------------------------------|------------------------|--------------------------------|------------------------------------------------|------------------------------|-----------------------------------|-------------------|
|                   | t <sub>e</sub> = -8°C                    | t <sub>e</sub> = -25°C | t <sub>e</sub> = -8°C                          | t <sub>e</sub> = -25°C |                                |                                                |                              | Inlet/<br>Entrada                 | Outlet/<br>Salida |
|                   | DT1=8K                                   | DT1=7K                 | DT1=8K                                         | DT1=7K                 |                                |                                                |                              |                                   |                   |
| HEA 2501 04 9D    | 1.10                                     | 0.78                   | 1.13                                           | 0.79                   | 4.0                            | 1.4                                            | 11                           | 12                                | 16                |
| HEA 2502 08 9D    | 2.25                                     | 1.61                   | 2.29                                           | 1.61                   | 8.0                            | 2.8                                            | 19                           | 12                                | 19                |
| HEA 2503 12 9D    | 3.39                                     | 2.44                   | 3.44                                           | 2.44                   | 12.0                           | 4.2                                            | 27                           | 12                                | 22                |
| HEA 2504 16 9D    | 4.46                                     | 3.27                   | 4.24                                           | 3.18                   | 16.1                           | 5.6                                            | 36                           | 12                                | 22                |
| HEA 2505 20 9D    | 5.67                                     | 4.16                   | 5.62                                           | 4.07                   | 20.1                           | 7.0                                            | 44                           | 15                                | 28                |
| HEA 2506 24 9D    | 6.81                                     | 4.95                   | 6.92                                           | 4.93                   | 24.1                           | 8.5                                            | 51                           | 15                                | 28                |
| HEA 3001 06 9D    | 1.65                                     | 1.21                   | 1.59                                           | 1.18                   | 5.3                            | 1.9                                            | 14                           | 12                                | 19                |
| HEA 3002 10 9D    | 3.32                                     | 2.45                   | 3.20                                           | 2.39                   | 10.7                           | 3.8                                            | 24                           | 12                                | 22                |
| HEA 3003 16 9D    | 5.00                                     | 3.70                   | 4.81                                           | 3.59                   | 16.0                           | 5.6                                            | 33                           | 12                                | 22                |
| HEA 3004 21 9D    | 6.76                                     | 4.91                   | 6.85                                           | 4.91                   | 21.4                           | 7.5                                            | 43                           | 15                                | 28                |
| HEA 3005 27 9D    | 8.45                                     | 6.19                   | 8.52                                           | 6.14                   | 26.8                           | 9.4                                            | 53                           | 15                                | 28                |
| HEA 3006 31 9D    | 10.14                                    | 7.29                   | 10.31                                          | 7.37                   | 32.1                           | 11.3                                           | 63                           | 15                                | 28                |
| HEA 3501 07 9D    | 2.43                                     | 1.85                   | 2.30                                           | 1.78                   | 6.7                            | 2.3                                            | 17                           | 12                                | 19                |
| HEA 3502 13 9D    | 4.90                                     | 3.74                   | 4.63                                           | 3.59                   | 13.4                           | 4.7                                            | 31                           | 12                                | 22                |
| HEA 3503 20 9D    | 7.56                                     | 5.55                   | 7.67                                           | 5.65                   | 20.1                           | 7.0                                            | 44                           | 15                                | 22                |
| HEA 3504 27 9D    | 10.02                                    | 7.59                   | 9.95                                           | 7.45                   | 26.8                           | 9.4                                            | 57                           | 15                                | 28                |
| HEA 3505 34 9D    | 12.66                                    | 9.31                   | 12.84                                          | 9.47                   | 33.5                           | 11.7                                           | 70                           | 15                                | 35                |
| HEA 3506 40 9D    | 15.06                                    | 10.66                  | 15.45                                          | 11.19                  | 40.2                           | 14.1                                           | 84                           | 15                                | 35                |
| HEA 4001 09 9D    | 3.46                                     | 2.61                   | 3.33                                           | 2.52                   | 9.6                            | 3.4                                            | 22                           | 12                                | 19                |
| HEA 4002 18 9D    | 6.93                                     | 5.21                   | 6.87                                           | 5.10                   | 18.7                           | 6.6                                            | 39                           | 12                                | 22                |
| HEA 4003 24 9D    | 9.70                                     | 6.97                   | 9.89                                           | 7.21                   | 25.0                           | 8.8                                            | 53                           | 15                                | 28                |
| HEA 4004 36 9D    | 13.91                                    | 10.47                  | 13.78                                          | 10.25                  | 37.5                           | 13.2                                           | 74                           | 15                                | 35                |
| HEA 4501 14 9D    | 5.61                                     | 3.99                   | 5.75                                           | 4.15                   | 14.3                           | 5.0                                            | 28                           | 12                                | 22                |
| HEA 4502 28 9D    | 11.36                                    | 8.12                   | 11.59                                          | 8.42                   | 28.5                           | 10.0                                           | 51                           | 15                                | 28                |
| HEA 4503 41 9D    | 16.98                                    | 12.79                  | 17.04                                          | 12.61                  | 42.8                           | 15.0                                           | 74                           | 15                                | 35                |
| HEA 4504 57 9D    | 22.84                                    | 16.40                  | 23.28                                          | 16.95                  | 57.1                           | 20.0                                           | 97                           | 22                                | 42                |
| HEA 5001 17 9D    | 7.40                                     | 5.24                   | 7.60                                           | 5.50                   | 18.1                           | 6.4                                            | 49                           | 15                                | 28                |
| HEA 5001 26 9D    | 10.03                                    | 7.62                   | 9.54                                           | 7.32                   | 27.2                           | 9.5                                            | 57                           | 15                                | 28                |
| *HEA 5001 36 9D   | 12.31                                    | 8.89                   | 12.55                                          | 9.06                   | 36.2                           | 12.7                                           | 56                           | 22                                | 35                |
| HEA 5002 36 9D    | 15.28                                    | 10.81                  | 15.66                                          | 11.33                  | 37.5                           | 13.2                                           | 89                           | 22                                | 35                |
| HEA 5002 54 9D    | 20.99                                    | 15.71                  | 21.06                                          | 15.53                  | 56.2                           | 19.7                                           | 105                          | 22                                | 35                |
| *HEA 5002 75 9D   | 25.40                                    | 18.40                  | 25.86                                          | 18.70                  | 75.0                           | 26.3                                           | 112                          | 28                                | 54                |
| HEA 5003 54 9D    | 23.36                                    | 17.44                  | 23.58                                          | 17.45                  | 57.4                           | 20.1                                           | 129                          | 28                                | 42                |
| HEA 5003 82 9D    | 31.61                                    | 21.95                  | 32.57                                          | 23.27                  | 86.1                           | 30.2                                           | 154                          | 28                                | 42                |
| *HEA 5003 114 9D  | 38.31                                    | 28.66                  | 37.85                                          | 28.11                  | 113.7                          | 39.9                                           | 170                          | 28                                | 76                |
| HEA 5004 76 9D    | 31.03                                    | 21.97                  | 31.78                                          | 23.00                  | 76.2                           | 26.7                                           | 149                          | 28                                | 54                |
| HEA 5004 114 9D   | 42.66                                    | 30.38                  | 43.54                                          | 31.49                  | 114.3                          | 40.1                                           | 188                          | 28                                | 67                |
| *HEA 5004 152 9D  | 51.58                                    | 37.43                  | 52.48                                          | 37.99                  | 152.4                          | 53.5                                           | 225                          | 35                                | 76                |

\* The coil has 8 rows.

\* La bobina tiene 8 filas.

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

| Model/<br>Model | Axial Fans/<br>Ventilador con motor axial |    |                                  |                           |                                    |                                           |                                         | Electric Defrost/<br>Desescarche Eléctrico |                                 |              |
|-----------------|-------------------------------------------|----|----------------------------------|---------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------|--------------|
|                 | Diámetro<br>Diameter<br>(Φ mm)            | Nº | Voltage/<br>Voltaje<br>(V, 50Hz) | Power/<br>Potencia<br>(W) | Current/<br>Intensi-<br>dad<br>(A) | Air Flow/<br>Volumen<br>de Aire<br>(m³/h) | Air<br>Throw/<br>Tiro de<br>Aire<br>(m) | Coil/<br>Bateria<br>(W)                    | Drain<br>Pan/<br>Bandeja<br>(W) | Total<br>(W) |
| HEA 2501 04 9D  | 250                                       | 1  | 1 ~ 230                          | 50                        | 0.2                                | 866                                       | 4                                       | 2 × 440                                    | 1 × 440                         | 1320         |
| HEA 2502 08 9D  | 250                                       | 2  | 1 ~ 230                          | 100                       | 0.5                                | 1733                                      | 5                                       | 2 × 730                                    | 1 × 730                         | 2190         |
| HEA 2503 12 9D  | 250                                       | 3  | 1 ~ 230                          | 150                       | 0.7                                | 2599                                      | 6                                       | 2 × 1030                                   | 1 × 1030                        | 3090         |
| HEA 2504 16 9D  | 250                                       | 4  | 1 ~ 230                          | 200                       | 0.9                                | 3469                                      | 7                                       | 2 × 1310                                   | 1 × 1310                        | 3930         |
| HEA 2505 20 9D  | 250                                       | 5  | 1 ~ 230                          | 250                       | 1.2                                | 4334                                      | 9                                       | 2 × 1600                                   | 1 × 1600                        | 4800         |
| HEA 2506 24 9D  | 250                                       | 6  | 1 ~ 230                          | 300                       | 1.4                                | 5200                                      | 10                                      | 2 × 1890                                   | 1 × 1890                        | 5670         |
| HEA 3001 06 9D  | 300                                       | 1  | 1 ~ 230                          | 72                        | 0.3                                | 1412                                      | 6                                       | 3 × 440                                    | 1 × 440                         | 1760         |
| HEA 3002 10 9D  | 300                                       | 2  | 1 ~ 230                          | 144                       | 0.6                                | 2826                                      | 7                                       | 3 × 730                                    | 1 × 730                         | 2920         |
| HEA 3003 16 9D  | 300                                       | 3  | 1 ~ 230                          | 216                       | 1.0                                | 4240                                      | 9                                       | 3 × 1030                                   | 1 × 1030                        | 4120         |
| HEA 3004 21 9D  | 300                                       | 4  | 1 ~ 230                          | 288                       | 1.3                                | 5651                                      | 11                                      | 3 × 1310                                   | 1 × 1310                        | 5240         |
| HEA 3005 27 9D  | 300                                       | 5  | 1 ~ 230                          | 360                       | 1.6                                | 7065                                      | 13                                      | 3 × 1600                                   | 1 × 1600                        | 6400         |
| HEA 3006 31 9D  | 300                                       | 6  | 1 ~ 230                          | 432                       | 1.9                                | 8475                                      | 15                                      | 3 × 1890                                   | 1 × 1890                        | 7560         |
| HEA 3501 07 9D  | 350                                       | 1  | 1 ~ 230                          | 130                       | 0.6                                | 2084                                      | 11                                      | 4 × 440                                    | 2 × 440                         | 2640         |
| HEA 3502 13 9D  | 350                                       | 2  | 1 ~ 230                          | 260                       | 1.2                                | 4174                                      | 14                                      | 4 × 730                                    | 2 × 730                         | 4380         |
| HEA 3503 20 9D  | 350                                       | 3  | 1 ~ 230                          | 390                       | 1.7                                | 6252                                      | 17                                      | 4 × 1030                                   | 2 × 1030                        | 6180         |
| HEA 3504 27 9D  | 350                                       | 4  | 1 ~ 230                          | 520                       | 2.3                                | 8346                                      | 20                                      | 4 × 1310                                   | 2 × 1310                        | 7860         |
| HEA 3505 34 9D  | 350                                       | 5  | 1 ~ 230                          | 650                       | 2.9                                | 10424                                     | 22                                      | 4 × 1600                                   | 2 × 1600                        | 9600         |
| HEA 3506 40 9D  | 350                                       | 6  | 1 ~ 230                          | 780                       | 3.5                                | 12503                                     | 24                                      | 4 × 1890                                   | 2 × 1890                        | 11340        |
| HEA 4001 09 9D  | 400                                       | 1  | 1 ~ 230                          | 160                       | 0.7                                | 3438                                      | 11                                      | 4 × 550                                    | 1 × 550                         | 2750         |
| HEA 4002 18 9D  | 400                                       | 2  | 1 ~ 230                          | 320                       | 1.5                                | 6826                                      | 14                                      | 4 × 1030                                   | 1 × 1030                        | 5150         |
| HEA 4003 24 9D  | 400                                       | 3  | 1 ~ 230                          | 480                       | 2.2                                | 9837                                      | 16                                      | 4 × 1310                                   | 1 × 1310                        | 6550         |
| HEA 4004 36 9D  | 400                                       | 4  | 1 ~ 230                          | 640                       | 2.9                                | 13655                                     | 20                                      | 4 × 1890                                   | 1 × 1890                        | 9450         |
| HEA 4501 14 9D  | 450                                       | 1  | 3 ~ 400                          | 460                       | 1.0                                | 5900                                      | 15                                      | 4 × 730                                    | 1 × 730                         | 3650         |
| HEA 4502 28 9D  | 450                                       | 2  | 3 ~ 400                          | 920                       | 1.9                                | 11803                                     | 18                                      | 4 × 1310                                   | 1 × 1310                        | 6550         |
| HEA 4503 41 9D  | 450                                       | 3  | 3 ~ 400                          | 1380                      | 2.9                                | 17716                                     | 22                                      | 4 × 1890                                   | 1 × 1890                        | 9450         |
| HEA 4504 57 9D  | 450                                       | 4  | 3 ~ 400                          | 1840                      | 3.8                                | 23609                                     | 24                                      | 4 × 2470                                   | 1 × 2470                        | 12350        |
| HEA 5001 17 9D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 8129                                      | 26                                      | 6 × 730                                    | 1 × 730                         | 5110         |
| HEA 5001 26 9D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 7495                                      | 23                                      | 7 × 730                                    | 2 × 730                         | 6570         |
| HEA 5001 36 9D  | 500                                       | 1  | 3 ~ 400                          | 820                       | 1.6                                | 6940                                      | 20                                      | 8 × 730                                    | 2 × 730                         | 7300         |
| HEA 5002 36 9D  | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 16404                                     | 24                                      | 6 × 1400                                   | 1 × 1400                        | 9800         |
| HEA 5002 54 9D  | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 15170                                     | 20                                      | 7 × 1400                                   | 2 × 1400                        | 12600        |
| HEA 5002 75 9D  | 500                                       | 2  | 3 ~ 400                          | 1640                      | 3.2                                | 14095                                     | 16                                      | 8 × 1400                                   | 2 × 1400                        | 14000        |
| HEA 5003 54 9D  | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 24742                                     | 29                                      | 6 × 2050                                   | 1 × 2050                        | 14350        |
| HEA 5003 82 9D  | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 22908                                     | 24                                      | 7 × 2050                                   | 2 × 2050                        | 18450        |
| HEA 5003 114 9D | 500                                       | 3  | 3 ~ 400                          | 2460                      | 4.8                                | 21259                                     | 19                                      | 8 × 2050                                   | 2 × 2050                        | 20500        |
| HEA 5004 76 9D  | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 32938                                     | 34                                      | 6 × 3390                                   | 1 × 3390                        | 23730        |
| HEA 5004 114 9D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 30501                                     | 29                                      | 7 × 3390                                   | 2 × 3390                        | 30510        |
| HEA 5004 152 9D | 500                                       | 4  | 3 ~ 400                          | 3280                      | 6.4                                | 28399                                     | 24                                      | 8 × 3390                                   | 2 × 3390                        | 33900        |

# COMMERCIAL CUBIC EVAPORATORS

## EVAPORADORES CÚBICOS COMERCIALES

HFC/HFO/(HCFC)\*

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

EVAPORATORS/ EVAPORADORES HFC/HFO/(HCFC)

| Model /<br>Modelo | Capacity /<br>Capacidad<br>R404A<br>(kW) |                        | Capacity /<br>Capacidad<br>R448A/R449A<br>(kW) |                        | Superficie/<br>Surface<br>(m <sup>2</sup> ) | Tube<br>Volume/<br>Volumen<br>Interno<br>(dm <sup>3</sup> ) | Bobina<br>Filas<br>Coil<br>Rows | N.W/<br>Peso<br>Neto<br>(kg) | Connection/<br>Conexión<br>(ø mm) |                   |
|-------------------|------------------------------------------|------------------------|------------------------------------------------|------------------------|---------------------------------------------|-------------------------------------------------------------|---------------------------------|------------------------------|-----------------------------------|-------------------|
|                   | t <sub>e</sub> = -8°C                    | t <sub>e</sub> = -25°C | t <sub>e</sub> = -8°C                          | t <sub>e</sub> = -25°C |                                             |                                                             |                                 |                              | Inlet/<br>Entrada                 | Outlet/<br>Salida |
|                   | DT1=8K                                   | DT1=7K                 | DT1=8K                                         | DT1=7K                 |                                             |                                                             |                                 |                              |                                   |                   |
| HEA 5501 24 9D    | 8.51                                     | 6.36                   | 7.97                                           | 6.10                   | 24.4                                        | 8.6                                                         | 4                               | 60                           | 15                                | 42                |
| HEA 5501 37 9D    | 12.09                                    | 8.76                   | 12.24                                          | 8.77                   | 36.7                                        | 12.9                                                        | 6                               | 74                           | 22                                | 42                |
| HEA 5501 49 9D    | 14.00                                    | 10.47                  | 13.11                                          | 10.08                  | 48.9                                        | 17.1                                                        | 8                               | 120                          | 22                                | 54                |
| HEA 5502 50 9D    | 17.38                                    | 13.00                  | 16.36                                          | 12.48                  | 50.2                                        | 17.6                                                        | 4                               | 144                          | 28                                | 54                |
| HEA 5502 75 9D    | 24.69                                    | 17.93                  | 24.99                                          | 17.93                  | 75.4                                        | 26.4                                                        | 6                               | 180                          | 28                                | 54                |
| HEA 5502 101 9D   | 29.66                                    | 20.71                  | 30.41                                          | 21.56                  | 100.5                                       | 35.3                                                        | 8                               | 217                          | 28                                | 54                |
| HEA 5503 76 9D    | 27.03                                    | 19.57                  | 27.42                                          | 19.79                  | 76.1                                        | 26.7                                                        | 4                               | 238                          | 28                                | 54                |
| HEA 5503 114 9D   | 37.29                                    | 27.11                  | 37.74                                          | 27.06                  | 114.1                                       | 40.0                                                        | 6                               | 286                          | 28                                | 67                |
| HEA 5503 152 9D   | 45.41                                    | 33.19                  | 45.64                                          | 32.67                  | 152.1                                       | 53.4                                                        | 8                               | 88                           | 2×28                              | 2×54              |
| HEA 5504 102 9D   | 35.11                                    | 26.28                  | 33.15                                          | 25.23                  | 101.9                                       | 35.7                                                        | 4                               | 105                          | 2×28                              | 2×54              |
| HEA 5504 153 9D   | 49.06                                    | 34.04                  | 50.43                                          | 35.73                  | 152.8                                       | 53.6                                                        | 6                               | 170                          | 35                                | 67                |
| HEA 5504 204 9D   | 59.99                                    | 42.08                  | 61.44                                          | 43.70                  | 203.7                                       | 71.5                                                        | 8                               | 206                          | 2×28                              | 2×54              |
| HEA 6301 35 9D    | 12.60                                    | 9.39                   | 12.45                                          | 9.17                   | 34.8                                        | 12.2                                                        | 4                               | 254                          | 22                                | 42                |
| HEA 6301 52 9D    | 16.46                                    | 12.50                  | 15.22                                          | 11.92                  | 52.2                                        | 18.3                                                        | 6                               | 304                          | 28                                | 67                |
| HEA 6301 70 9D    | 21.32                                    | 15.67                  | 20.50                                          | 15.26                  | 69.6                                        | 24.4                                                        | 8                               | 336                          | 28                                | 67                |
| HEA 6302 71 9D    | 25.64                                    | 19.07                  | 25.40                                          | 18.66                  | 71.2                                        | 25.0                                                        | 4                               | 402                          | 28                                | 67                |
| HEA 6302 107 9D   | 35.70                                    | 25.15                  | 36.49                                          | 26.02                  | 106.8                                       | 37.5                                                        | 6                               | 136                          | 28                                | 67                |
| HEA 6302 143 9D   | 43.36                                    | 31.87                  | 41.82                                          | 31.04                  | 142.5                                       | 50.0                                                        | 8                               | 166                          | 2×28                              | 2×67              |
| HEA 6303 108 9D   | 37.11                                    | 27.88                  | 34.22                                          | 26.57                  | 107.7                                       | 37.8                                                        | 4                               | 259                          | 2×28                              | 2×67              |
| HEA 6303 162 9D   | 53.90                                    | 38.00                  | 55.05                                          | 39.33                  | 161.5                                       | 56.7                                                        | 6                               | 323                          | 35                                | 76                |
| HEA 6303 215 9D   | 65.84                                    | 47.23                  | 67.05                                          | 47.89                  | 215.3                                       | 75.6                                                        | 8                               | 383                          | 2×28                              | 2×67              |
| HEA 6304 144 9D   | 51.71                                    | 38.44                  | 51.28                                          | 37.64                  | 144.1                                       | 50.6                                                        | 4                               | 477                          | 2×28                              | 2×67              |
| HEA 6304 216 9D   | 68.52                                    | 45.65                  | 71.67                                          | 49.56                  | 216.1                                       | 75.8                                                        | 6                               | 47                           | 35                                | 76                |
| HEA 6304 288 9D   | 84.34                                    | 56.99                  | 87.76                                          | 61.32                  | 288.2                                       | 101.1                                                       | 8                               | 95                           | 2×28                              | 2×67              |
| HEA 8001 56 9D    | 20.29                                    | 15.26                  | 19.37                                          | 14.68                  | 56.4                                        | 19.8                                                        | 4                               | 140                          | 28                                | 67                |
| HEA 8001 85 9D    | 27.92                                    | 20.81                  | 26.33                                          | 20.04                  | 84.6                                        | 29.7                                                        | 6                               | 187                          | 28                                | 76                |
| HEA 8001 113 9D   | 34.70                                    | 25.42                  | 34.48                                          | 25.03                  | 112.8                                       | 39.6                                                        | 8                               | 67                           | 28                                | 76                |
| HEA 8002 115 9D   | 42.12                                    | 30.84                  | 42.60                                          | 30.94                  | 115.0                                       | 40.4                                                        | 4                               | 134                          | 35                                | 76                |
| HEA 8002 173 9D   | 58.02                                    | 42.48                  | 58.54                                          | 42.28                  | 172.5                                       | 60.5                                                        | 6                               | 200                          | 2×28                              | 2×67              |
| HEA 8002 230 9D   | 70.44                                    | 51.81                  | 70.10                                          | 50.82                  | 230.1                                       | 80.7                                                        | 8                               | 264                          | 2×28                              | 2×76              |
| HEA 8003 174 9D   | 62.05                                    | 46.73                  | 59.59                                          | 44.98                  | 173.7                                       | 60.9                                                        | 4                               | 105                          | 2×28                              | 2×76              |
| HEA 8003 261 9D   | 85.39                                    | 58.69                  | 88.21                                          | 62.44                  | 260.5                                       | 91.4                                                        | 6                               | 204                          | 2×28                              | 2×67              |
| HEA 8003 347 9D   | 104.31                                   | 72.55                  | 107.29                                         | 76.17                  | 347.4                                       | 121.9                                                       | 8                               | 303                          | 2×35                              | 2×76              |

# HEA SERIES EVAPORATOR

## EVAPORADORES SERIE HEA

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

| Model/<br>Model | Axial Fans/<br>Ventilador con motor axial |    |                                  |                           |                                    |                                           |                                         | Electric Defrost/<br>Desescarche Eléctrico |                                 |              |
|-----------------|-------------------------------------------|----|----------------------------------|---------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------|--------------|
|                 | Diámetro<br>Diameter<br>(Φ mm)            | Nº | Voltage/<br>Voltaje<br>(V, 50Hz) | Power/<br>Potencia<br>(W) | Current/<br>Intensi-<br>dad<br>(A) | Air Flow/<br>Volumen<br>de Aire<br>(m³/h) | Air<br>Throw/<br>Tiro de<br>Aire<br>(m) | Coil/<br>Bateria<br>(W)                    | Drain<br>Pan/<br>Bandeja<br>(W) | Total<br>(W) |
| HEA 5501 24 9D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 8257                                      | 17                                      | 4 × 1280                                   | 1 × 1280                        | 6400         |
| HEA 5501 37 9D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 7884                                      | 16                                      | 6 × 1280                                   | 2 × 1280                        | 10240        |
| HEA 5501 49 9D  | 550                                       | 1  | 3 ~ 400                          | 770                       | 1.7                                | 7581                                      | 16                                      | 8 × 1280                                   | 2 × 1280                        | 12800        |
| HEA 5502 50 9D  | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 16586                                     | 21                                      | 4 × 2320                                   | 1 × 2320                        | 11600        |
| HEA 5502 75 9D  | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 15857                                     | 20                                      | 6 × 2320                                   | 2 × 2320                        | 18560        |
| HEA 5502 101 9D | 550                                       | 2  | 3 ~ 400                          | 1540                      | 3.3                                | 15254                                     | 19                                      | 8 × 2320                                   | 2 × 2320                        | 23200        |
| HEA 5503 76 9D  | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 24903                                     | 24                                      | 4 × 3200                                   | 1 × 3200                        | 16000        |
| HEA 5503 114 9D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 23827                                     | 23                                      | 6 × 3200                                   | 2 × 3200                        | 25600        |
| HEA 5503 152 9D | 550                                       | 3  | 3 ~ 400                          | 2310                      | 5.0                                | 22936                                     | 22                                      | 8 × 3200                                   | 2 × 3200                        | 32000        |
| HEA 5504 102 9D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 33241                                     | 28                                      | 4 × 4260                                   | 1 × 4260                        | 21300        |
| HEA 5504 153 9D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 31791                                     | 27                                      | 6 × 4260                                   | 2 × 4260                        | 34080        |
| HEA 5504 204 9D | 550                                       | 4  | 3 ~ 400                          | 3080                      | 6.6                                | 30609                                     | 26                                      | 8 × 4260                                   | 2 × 4260                        | 42600        |
| HEA 6301 35 9D  | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 12177                                     | 20                                      | 5 × 1510                                   | 1 × 1510                        | 9060         |
| HEA 6301 52 9D  | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 11716                                     | 19                                      | 7 × 1510                                   | 2 × 1510                        | 13590        |
| HEA 6301 70 9D  | 630                                       | 1  | 3 ~ 400                          | 1100                      | 2.2                                | 11231                                     | 19                                      | 9 × 1510                                   | 2 × 1510                        | 16610        |
| HEA 6302 71 9D  | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 24405                                     | 24                                      | 5 × 2740                                   | 1 × 2740                        | 16440        |
| HEA 6302 107 9D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 23517                                     | 23                                      | 7 × 2740                                   | 2 × 2740                        | 24660        |
| HEA 6302 143 9D | 630                                       | 2  | 3 ~ 400                          | 2200                      | 4.4                                | 22596                                     | 22                                      | 9 × 2740                                   | 2 × 2740                        | 30140        |
| HEA 6303 108 9D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 36642                                     | 28                                      | 5 × 3800                                   | 1 × 3800                        | 22800        |
| HEA 6303 162 9D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 35328                                     | 27                                      | 7 × 3800                                   | 2 × 3800                        | 34200        |
| HEA 6303 215 9D | 630                                       | 3  | 3 ~ 400                          | 3300                      | 6.6                                | 33947                                     | 26                                      | 9 × 3800                                   | 2 × 3800                        | 41800        |
| HEA 6304 144 9D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 48861                                     | 35                                      | 5 × 5060                                   | 1 × 5060                        | 30360        |
| HEA 6304 216 9D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 47132                                     | 33                                      | 7 × 5060                                   | 2 × 5060                        | 45540        |
| HEA 6304 288 9D | 630                                       | 4  | 3 ~ 400                          | 4400                      | 8.8                                | 45299                                     | 31                                      | 9 × 5060                                   | 2 × 5060                        | 55660        |
| HEA 8001 56 9D  | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 19936                                     | 25                                      | 7 × 1700                                   | 1 × 1700                        | 13600        |
| HEA 8001 85 9D  | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 18917                                     | 24                                      | 10 × 1700                                  | 2 × 1700                        | 20400        |
| HEA 8001 113 9D | 800                                       | 1  | 3 ~ 400                          | 1600                      | 3.5                                | 18052                                     | 23                                      | 16 × 1700                                  | 2 × 1700                        | 30600        |
| HEA 8002 115 9D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 39987                                     | 30                                      | 7 × 2810                                   | 1 × 2810                        | 22480        |
| HEA 8002 173 9D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 38007                                     | 29                                      | 10 × 2810                                  | 2 × 2810                        | 33720        |
| HEA 8002 230 9D | 800                                       | 2  | 3 ~ 400                          | 3200                      | 7.0                                | 36293                                     | 28                                      | 16 × 2810                                  | 2 × 2810                        | 50580        |
| HEA 8003 174 9D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 60065                                     | 37                                      | 7 × 4420                                   | 1 × 4420                        | 35360        |
| HEA 8003 261 9D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 57082                                     | 35                                      | 10 × 4420                                  | 2 × 4420                        | 53040        |
| HEA 8003 347 9D | 800                                       | 3  | 3 ~ 400                          | 4800                      | 10.5                               | 54516                                     | 33                                      | 16 × 4420                                  | 2 × 4420                        | 79560        |

### AVAILABLE OPTIONS FOR HEA SERIES:

#### Defrost options:

- Without defrost (air)
- D: Electrical defrost: standard model
- HG: hot gas
- W: water
- HGD: hot gas defrost for coil and electrical defrost for tray
- WD: water and electrical

#### Tube material options:

- Copper: standard models
- SS1: Stainless steel AISI SUS304

#### Coil protection options:

- Aluminium fins: standard models
- Fins with GOLDFIN anti-corrosion high resistance coating.

#### Fan options:

- EC Fans
- Silica gel heaters for fan nozzles: only for ø500 mm or above models
- Streamers: Air-guiding device for increased airtrow

#### Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

#### Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department
- NH3: see HEA N models
- CO2: see HEA CO2 models

#### Other options:

- Double insulated drip tray (recommended for low temperature room applications)
- Thermal protector for defrosting electrical heaters

### OPCIONES DISPONIBLES PARA LA SERIE HEA:

#### Opciones de desescarche:

- Sin desescarche (aire)
- D: Desescarche eléctrico: modelo estándar
- HG: Gas caliente
- W: agua
- HGD: gas caliente en serpentín y eléctrico en bandeja
- WD: agua y eléctrico

#### Opciones material tubos:

- Cobre: modelo estándar
- SS1: Acero inoxidable AISI SUS304

#### Opciones protección de serpentín:

- Aleta de aluminio: modelo estándar
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia.

#### Opciones ventiladores:

- Ventiladores EC
- Resistencias calefactoras para aro de ventiladores: sólo para modelos ø500 mm o más grandes
- Streamers: Dispositivo de aire guiado para incrementar el tiro de aire.

#### Opciones carcasa:

- Aluminio pintado al polvo blanco: modelos estándar
- SS2: acero inoxidable AISI SUS304

#### Opciones refrigerantes:

- HFC/HFO (A1): modelos estándar
- HFO/HFC (A2L): próximamente
- Glicol: disponibles, consultar a nuestro Departamento Técnico
- NH3: ver modelos HEA N
- CO2: ver modelos HEA CO2

#### Otras opciones:

- Bandeja de goteo con doble aislamiento (recomendada en aplicaciones con cámaras de baja temperatura)
- Protector térmico para resistencias de desercarche