



**A2L**

**2025 DX EVAPORATOR**

**50HZ**

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EVAPORAATORS/AIR COOLERS

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EVAPORAATORS/AIR COOLERS

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# AEA SERIES EVAPORATOR

EVAPORADORES SERIE AEA

## COMMERCIAL CUBIC EVAPORATORS EVAPORADORES CUBICOS COMERCIALES

The AEA 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 AEA range are highly

The exchange coils used in the AEA range are highly efficient with special profile aluminum fins and ø12 mm internally grooved copper 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.

01

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

02

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

03

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

04

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.

## AEA SERIES EVAPORATORS EVAPORADORES SERIE AEA

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

### Los baterías de intercambio utilizadas en la gama AEA son

Los serpentines de intercambio utilizados en la gama AEA son de alta eficiencia con aletas de aluminio de perfil especial y tubos ranurados interiormente ø12 mm, 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.

01

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

02

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

03

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

04

Para rendimientos en puntos de trabajo distintos a los de este catálogo utilizar el software "Unit Selector Hybrid HISPANIA".



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

# AEA 2503 26 4D S1 2 3

Fin materials (blank: aluminum, 3: stainless steel, GF: golden fins) / Materiales de las aletas (en blanco: aluminio, 3: acero inoxidable, GF: aletas doradas)

Casing materials (blank: aluminum, 2: stainless steel) / Materiales de la carcasa (en blanco: aluminio, 2: acero inoxidable)

Tube materials (blank: copper, 1: stainless steel) / Materiales del tubo (en blanco: cobre, 1: acero inoxidable)

Defrost system (blank: air, D: electric, HG: hot gas, W: water, HGD: hot gas & electric, WD: water & electric) / Sistema de descongelación (en blanco: aire, D: eléctrico, HG: gas caliente, W: agua, HGD: gas caliente y eléctrico, WD: agua y electricidad)

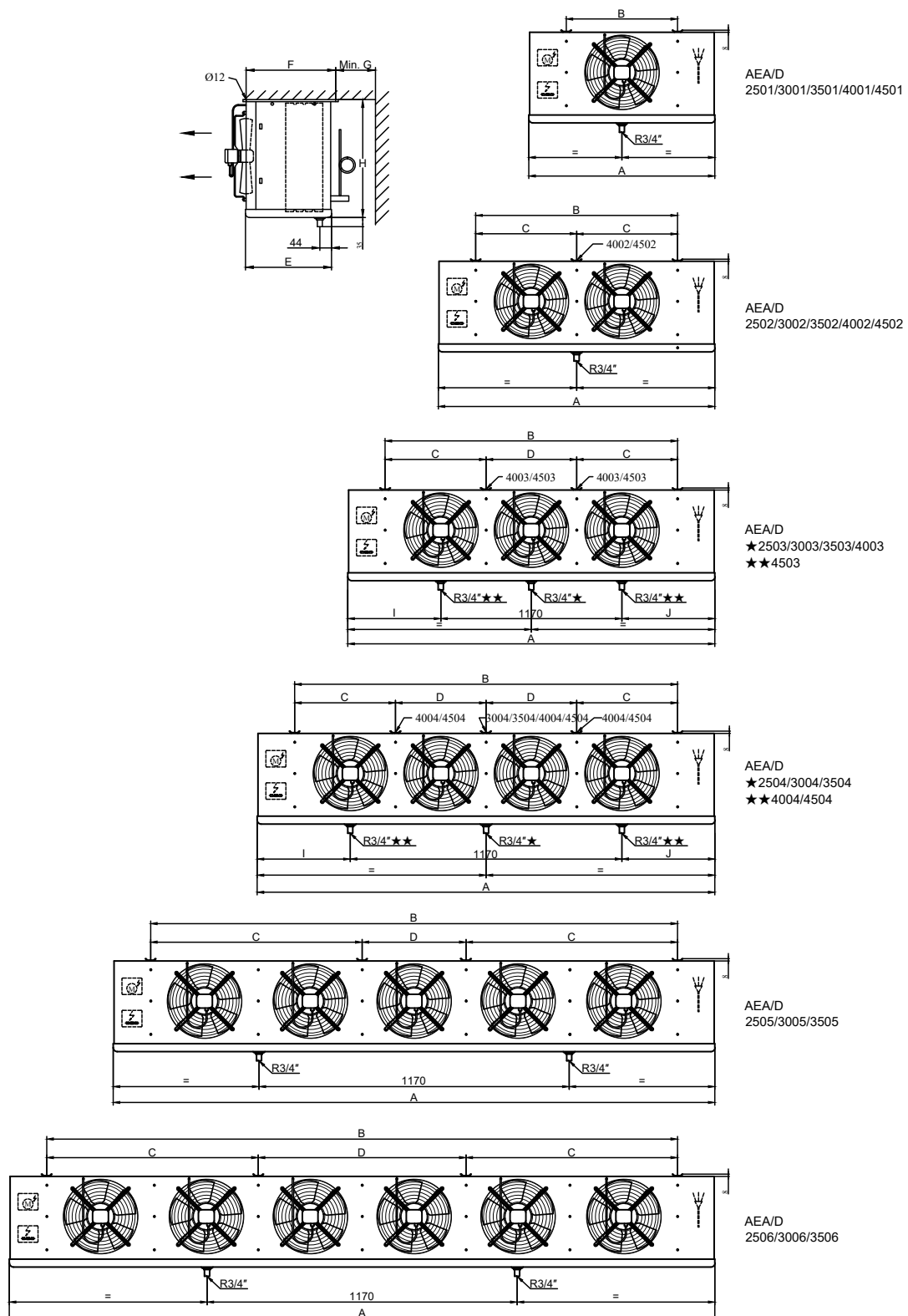
Fin spacing (mm) / Espacio entre aletas (mm)

Surface (m<sup>2</sup>) / Superficie (m<sup>2</sup>)

Fan number / Número de ventiladores

Fan ø (mm) / Ventilador ø (mm)

Series / Serie



| Model / Model | Dimensions / dimensiones(mm) |      |     |     |     |     |     |     |     |     |
|---------------|------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
|               | A                            | B    | C   | D   | E   | F   | I   | J   | G   | H   |
| AEA 2501...   | 702                          | 420  |     |     | 325 | 375 |     |     | 200 | 350 |
| AEA 2502...   | 1094                         | 812  |     |     | 325 | 375 |     |     | 200 | 350 |
| AEA 2503...   | 1486                         | 1204 |     |     | 325 | 375 |     |     | 200 | 350 |
| AEA 2504...   | 1878                         | 1596 | 406 | 392 | 325 | 375 |     |     | 200 | 350 |
| AEA 2505...   | 2270                         | 1988 | 798 | 392 | 325 | 375 |     |     | 200 | 360 |
| AEA 2506...   | 2662                         | 2380 | 798 | 784 | 325 | 375 |     |     | 250 | 360 |
| AEA 3001...   | 702                          | 420  |     |     | 325 | 375 |     |     | 200 | 460 |
| AEA 3002...   | 1094                         | 812  |     |     | 325 | 375 |     |     | 200 | 460 |
| AEA 3003...   | 1486                         | 1204 |     |     | 325 | 375 |     |     | 250 | 460 |
| AEA 3004...   | 1878                         | 1596 | 406 | 392 | 325 | 375 |     |     | 250 | 460 |
| AEA 3005...   | 2270                         | 1988 | 798 | 392 | 325 | 375 |     |     | 300 | 470 |
| AEA 3006...   | 2662                         | 2380 | 798 | 784 | 325 | 375 |     |     | 300 | 470 |
| AEA 3501...   | 702                          | 420  |     |     | 455 | 507 |     |     | 200 | 460 |
| AEA 3502...   | 1094                         | 812  |     |     | 455 | 507 |     |     | 200 | 460 |
| AEA 3503...   | 1486                         | 1204 |     |     | 455 | 507 |     |     | 250 | 460 |
| AEA 3504...   | 1878                         | 1596 | 406 | 392 | 455 | 507 |     |     | 250 | 460 |
| AEA 3505...   | 2270                         | 1988 | 798 | 392 | 455 | 507 |     |     | 300 | 470 |
| AEA 3506...   | 2662                         | 2380 | 798 | 784 | 455 | 507 |     |     | 300 | 470 |
| AEA 4001...   | 912                          | 630  |     |     | 325 | 375 |     |     | 250 | 530 |
| AEA 4002...   | 1486                         | 1204 | 602 |     | 325 | 375 |     |     | 300 | 530 |
| AEA 4003...   | 1878                         | 1596 | 546 | 504 | 325 | 375 |     |     | 300 | 530 |
| AEA 4004...   | 2662                         | 2380 | 595 | 595 | 325 | 375 |     |     | 350 | 540 |
| AEA 4501...   | 1094                         | 812  |     |     | 325 | 375 |     |     | 300 | 600 |
| AEA 4502...   | 1878                         | 1596 | 798 |     | 325 | 375 |     |     | 300 | 600 |
| AEA 4503...   | 2702                         | 2380 | 798 | 784 | 325 | 375 | 746 | 786 | 350 | 610 |
| AEA 4504...   | 3486                         | 3164 | 798 | 784 | 325 | 375 | 746 | 786 | 350 | 610 |

FIN SPACING 4 mm, with electrical defrost. Rt&gt;=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt&gt;=0°C

| Modelo / Model  | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|-----------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                 | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                 | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |
| AEA 2501 09 4D  | 1.55                                        | 1.09      | 8.3                             | 1.4                                             | 12.1                        | 12                                | 16                 |
| AEA 2502 17 4D  | 3.17                                        | 2.26      | 16.7                            | 2.8                                             | 20.9                        | 12                                | 19                 |
| AEA 2503 26 4D  | 4.80                                        | 3.44      | 25.1                            | 4.2                                             | 29.5                        | 12                                | 22                 |
| AEA 2504 35 4D  | 6.46                                        | 4.80      | 33.5                            | 5.6                                             | 38.3                        | 12                                | 22                 |
| AEA 2505 41 4D  | 8.14                                        | 5.99      | 41.8                            | 7.0                                             | 47.1                        | 15                                | 28                 |
| AEA 2506 52 4D  | 9.67                                        | 6.97      | 50.2                            | 8.5                                             | 55.8                        | 15                                | 28                 |
| AEA 3001 12 4D  | 2.50                                        | 1.85      | 11.1                            | 1.9                                             | 14.7                        | 12                                | 19                 |
| AEA 3002 23 4D  | 5.04                                        | 3.78      | 22.3                            | 3.8                                             | 25.5                        | 12                                | 22                 |
| AEA 3003 35 4D  | 7.59                                        | 5.72      | 33.5                            | 5.6                                             | 36.1                        | 12                                | 22                 |
| AEA 3004 46 4D  | 10.10                                       | 7.26      | 44.6                            | 7.5                                             | 46.8                        | 15                                | 28                 |
| AEA 3005 56 4D  | 12.71                                       | 9.30      | 55.8                            | 9.4                                             | 57.6                        | 15                                | 28                 |
| AEA 3006 69 4D  | 15.01                                       | 10.59     | 67.0                            | 11.3                                            | 68.3                        | 15                                | 28                 |
| AEA 3501 14 4D  | 3.16                                        | 2.43      | 13.9                            | 2.3                                             | 18.5                        | 12                                | 19                 |
| AEA 3502 27 4D  | 6.38                                        | 4.93      | 27.9                            | 4.7                                             | 33.0                        | 12                                | 22                 |
| AEA 3503 41 4D  | 9.69                                        | 7.09      | 41.8                            | 7.0                                             | 47.4                        | 15                                | 22                 |
| AEA 3504 55 4D  | 13.00                                       | 9.92      | 55.8                            | 9.4                                             | 61.8                        | 15                                | 28                 |
| AEA 3505 70 4D  | 16.25                                       | 11.95     | 69.7                            | 11.7                                            | 76.3                        | 15                                | 35                 |
| AEA 3506 83 4D  | 19.16                                       | 13.60     | 83.7                            | 14.1                                            | 90.7                        | 15                                | 35                 |
| AEA 4001 20 4D  | 5.25                                        | 4.01      | 19.9                            | 3.4                                             | 23.6                        | 12                                | 19                 |
| AEA 4002 40 4D  | 10.45                                       | 7.90      | 39.0                            | 6.6                                             | 42.3                        | 12                                | 28                 |
| AEA 4003 54 4D  | 14.13                                       | 10.10     | 52.1                            | 8.8                                             | 57.3                        | 15                                | 28                 |
| AEA 4004 81 4D  | 21.02                                       | 15.93     | 78.1                            | 13.2                                            | 80.4                        | 15                                | 35                 |
| AEA 4501 31 4D  | 7.59                                        | 5.35      | 29.7                            | 5.0                                             | 30.9                        | 12                                | 22                 |
| AEA 4502 61 4D  | 15.41                                       | 10.94     | 59.5                            | 10.0                                            | 56.5                        | 15                                | 28                 |
| AEA 4503 92 4D  | 23.46                                       | 17.66     | 89.3                            | 15.0                                            | 82.0                        | 15                                | 35                 |
| AEA 4504 119 4D | 31.05                                       | 22.14     | 119.1                           | 20.0                                            | 107.4                       | 22                                | 42                 |

| Modelo / Model  | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|-----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                 | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEA 2501 09 4D  | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.20                           | 776                                      | 4                          | 3 × 250                                   | 2 × 250                       | 1250                    |
| AEA 2502 17 4D  | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.40                           | 1554                                     | 5                          | 3 × 420                                   | 2 × 420                       | 2100                    |
| AEA 2503 26 4D  | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.60                           | 2332                                     | 6                          | 3 × 580                                   | 2 × 580                       | 2900                    |
| AEA 2504 35 4D  | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.80                           | 3111                                     | 7                          | 3 × 745                                   | 2 × 745                       | 3725                    |
| AEA 2505 41 4D  | 250                                        | 5  | 1 ~ 230                           | 250                        | 1.00                           | 3888                                     | 8                          | 3 × 860                                   | 2 × 860                       | 4300                    |
| AEA 2506 52 4D  | 250                                        | 6  | 1 ~ 230                           | 300                        | 1.20                           | 4665                                     | 10                         | 3 × 1040                                  | 2 × 1040                      | 5200                    |
| AEA 3001 12 4D  | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.40                           | 1361                                     | 6                          | 5 × 250                                   | 2 × 250                       | 1750                    |
| AEA 3002 23 4D  | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.80                           | 2725                                     | 7                          | 5 × 420                                   | 2 × 420                       | 2940                    |
| AEA 3003 35 4D  | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.20                           | 4090                                     | 9                          | 5 × 580                                   | 2 × 580                       | 4060                    |
| AEA 3004 46 4D  | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.60                           | 5451                                     | 10                         | 5 × 745                                   | 2 × 745                       | 5215                    |
| AEA 3005 56 4D  | 300                                        | 5  | 1 ~ 230                           | 425                        | 2.00                           | 6815                                     | 13                         | 5 × 860                                   | 2 × 860                       | 6020                    |
| AEA 3006 69 4D  | 300                                        | 6  | 1 ~ 230                           | 510                        | 2.40                           | 8176                                     | 15                         | 5 × 1040                                  | 2 × 1040                      | 7280                    |
| AEA 3501 14 4D  | 350                                        | 1  | 1 ~ 230                           | 165                        | 0.80                           | 1584                                     | 10                         | 7 × 250                                   | 4 × 250                       | 2750                    |
| AEA 3502 27 4D  | 350                                        | 2  | 1 ~ 230                           | 330                        | 1.60                           | 3173                                     | 13                         | 7 × 420                                   | 4 × 420                       | 4620                    |
| AEA 3503 41 4D  | 350                                        | 3  | 1 ~ 230                           | 495                        | 2.40                           | 4757                                     | 16                         | 7 × 580                                   | 4 × 580                       | 6380                    |
| AEA 3504 55 4D  | 350                                        | 4  | 1 ~ 230                           | 660                        | 3.20                           | 6349                                     | 19                         | 7 × 745                                   | 4 × 745                       | 8195                    |
| AEA 3505 70 4D  | 350                                        | 5  | 1 ~ 230                           | 825                        | 4.00                           | 7932                                     | 21                         | 7 × 860                                   | 4 × 860                       | 9460                    |
| AEA 3506 83 4D  | 350                                        | 6  | 1 ~ 230                           | 990                        | 4.80                           | 9516                                     | 23                         | 7 × 1040                                  | 4 × 1040                      | 11440                   |
| AEA 4001 20 4D  | 400                                        | 1  | 1 ~ 230                           | 205                        | 1.00                           | 3259                                     | 11                         | 7 × 330                                   | 2 × 330                       | 2970                    |
| AEA 4002 40 4D  | 400                                        | 2  | 1 ~ 230                           | 410                        | 2.00                           | 6446                                     | 13                         | 7 × 580                                   | 2 × 580                       | 5220                    |
| AEA 4003 54 4D  | 400                                        | 3  | 1 ~ 230                           | 615                        | 3.00                           | 9049                                     | 16                         | 7 × 745                                   | 2 × 745                       | 6705                    |
| AEA 4004 81 4D  | 400                                        | 4  | 1 ~ 230                           | 820                        | 4.00                           | 12897                                    | 19                         | 7 × 1040                                  | 2 × 1040                      | 9360                    |
| AEA 4501 31 4D  | 450                                        | 1  | 3 ~ 400                           | 370                        | 1.70                           | 4699                                     | 15                         | 7 × 420                                   | 2 × 420                       | 3780                    |
| AEA 4502 61 4D  | 450                                        | 2  | 3 ~ 400                           | 740                        | 3.40                           | 9401                                     | 18                         | 7 × 745                                   | 2 × 745                       | 6705                    |
| AEA 4503 92 4D  | 450                                        | 3  | 3 ~ 400                           | 1110                       | 5.10                           | 14109                                    | 21                         | 7 × 1040                                  | 2 × 1040                      | 9360                    |
| AEA 4504 119 4D | 450                                        | 4  | 3 ~ 400                           | 1480                       | 6.80                           | 18805                                    | 23                         | 7 × 1380                                  | 2 × 1380                      | 12420                   |

FIN SPACING 6 mm, with electrical defrost. Rt&gt;=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt&gt;=-18°C

| Modelo / Model | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|----------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |
| AEA 2501 06 6D | 1.35                                        | 0.96      | 5.7                             | 1.4                                             | 11.8                        | 12                                | 16                 |
| AEA 2502 11 6D | 2.75                                        | 1.98      | 11.5                            | 2.8                                             | 20.2                        | 12                                | 19                 |
| AEA 2503 17 6D | 4.16                                        | 3.01      | 17.3                            | 4.2                                             | 28.5                        | 12                                | 22                 |
| AEA 2504 23 6D | 5.49                                        | 4.04      | 23.0                            | 5.6                                             | 37.1                        | 12                                | 22                 |
| AEA 2505 29 6D | 6.98                                        | 5.11      | 28.8                            | 7.0                                             | 45.4                        | 15                                | 28                 |
| AEA 2506 35 6D | 8.36                                        | 6.08      | 34.5                            | 8.5                                             | 53.8                        | 15                                | 28                 |
| AEA 3001 08 6D | 2.13                                        | 1.58      | 7.6                             | 1.9                                             | 14.2                        | 12                                | 19                 |
| AEA 3002 15 6D | 4.30                                        | 3.20      | 15.3                            | 3.8                                             | 24.6                        | 12                                | 22                 |
| AEA 3003 23 6D | 6.47                                        | 4.83      | 23.0                            | 5.6                                             | 34.9                        | 12                                | 22                 |
| AEA 3004 31 6D | 8.72                                        | 6.34      | 30.7                            | 7.5                                             | 45.2                        | 15                                | 28                 |
| AEA 3005 38 6D | 10.92                                       | 8.02      | 38.4                            | 9.4                                             | 55.4                        | 15                                | 28                 |
| AEA 3006 46 6D | 13.03                                       | 9.37      | 46.1                            | 11.3                                            | 65.6                        | 15                                | 28                 |
| AEA 3501 10 6D | 2.78                                        | 2.11      | 9.6                             | 2.3                                             | 18.0                        | 12                                | 19                 |
| AEA 3502 19 6D | 5.61                                        | 4.28      | 19.2                            | 4.7                                             | 31.9                        | 12                                | 22                 |
| AEA 3503 28 6D | 8.64                                        | 6.39      | 28.8                            | 7.0                                             | 45.8                        | 15                                | 22                 |
| AEA 3504 38 6D | 11.48                                       | 8.74      | 38.4                            | 9.4                                             | 59.7                        | 15                                | 28                 |
| AEA 3505 48 6D | 14.47                                       | 10.74     | 48.0                            | 11.7                                            | 73.6                        | 15                                | 35                 |
| AEA 3506 57 6D | 17.21                                       | 12.36     | 57.6                            | 14.1                                            | 87.5                        | 15                                | 35                 |
| AEA 4001 13 6D | 4.45                                        | 3.38      | 13.7                            | 3.4                                             | 22.8                        | 12                                | 19                 |
| AEA 4002 27 6D | 8.89                                        | 6.71      | 26.8                            | 6.6                                             | 40.9                        | 12                                | 28                 |
| AEA 4003 36 6D | 12.25                                       | 8.83      | 35.8                            | 8.8                                             | 55.3                        | 15                                | 28                 |
| AEA 4004 54 6D | 17.83                                       | 13.52     | 53.7                            | 13.2                                            | 77.5                        | 15                                | 35                 |
| AEA 4501 20 6D | 6.50                                        | 4.66      | 20.4                            | 5.0                                             | 29.7                        | 12                                | 22                 |
| AEA 4502 41 6D | 13.14                                       | 9.41      | 40.9                            | 10.0                                            | 54.2                        | 15                                | 28                 |
| AEA 4503 61 6D | 19.69                                       | 14.78     | 61.4                            | 15.0                                            | 78.6                        | 15                                | 35                 |
| AEA 4504 82 6D | 26.43                                       | 19.02     | 81.9                            | 20.0                                            | 103.1                       | 22                                | 42                 |

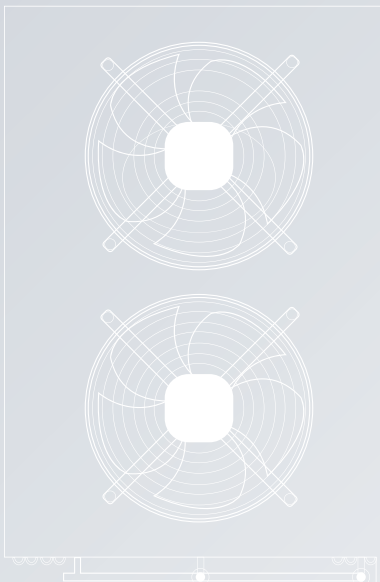
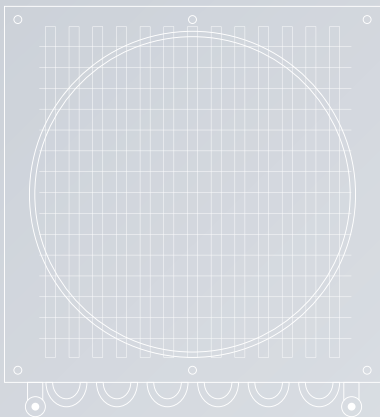
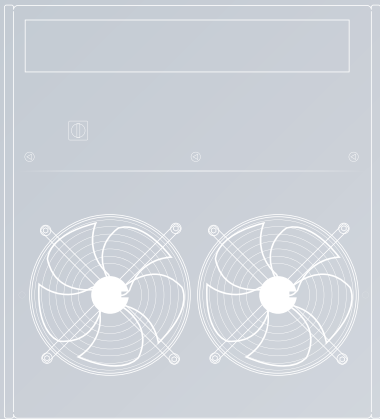
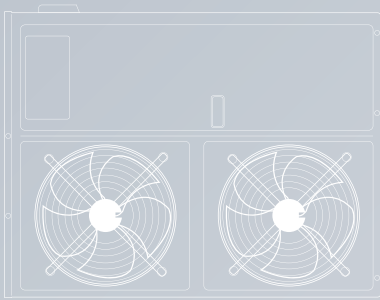
| Modelo / Model | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEA 2501 06 6D | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.20                           | 822                                      | 4                          | 3 × 250                                   | 2 × 250                       | 1250                    |
| AEA 2502 11 6D | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.40                           | 1646                                     | 5                          | 3 × 420                                   | 2 × 420                       | 2100                    |
| AEA 2503 17 6D | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.60                           | 2469                                     | 6                          | 3 × 580                                   | 2 × 580                       | 2900                    |
| AEA 2504 23 6D | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.80                           | 3295                                     | 7                          | 3 × 745                                   | 2 × 745                       | 3725                    |
| AEA 2505 29 6D | 250                                        | 5  | 1 ~ 230                           | 250                        | 1.00                           | 4117                                     | 8                          | 3 × 860                                   | 2 × 860                       | 4300                    |
| AEA 2506 35 6D | 250                                        | 6  | 1 ~ 230                           | 300                        | 1.20                           | 4939                                     | 10                         | 3 × 1040                                  | 2 × 1040                      | 5200                    |
| AEA 3001 08 6D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.40                           | 1453                                     | 6                          | 5 × 250                                   | 2 × 250                       | 1750                    |
| AEA 3002 15 6D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.80                           | 2910                                     | 7                          | 5 × 420                                   | 2 × 420                       | 2940                    |
| AEA 3003 23 6D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.20                           | 4366                                     | 9                          | 5 × 580                                   | 2 × 580                       | 4060                    |
| AEA 3004 31 6D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.60                           | 5818                                     | 11                         | 5 × 745                                   | 2 × 745                       | 5215                    |
| AEA 3005 38 6D | 300                                        | 5  | 1 ~ 230                           | 425                        | 2.00                           | 7274                                     | 13                         | 5 × 860                                   | 2 × 860                       | 6020                    |
| AEA 3006 46 6D | 300                                        | 6  | 1 ~ 230                           | 510                        | 2.40                           | 8727                                     | 15                         | 5 × 1040                                  | 2 × 1040                      | 7280                    |
| AEA 3501 10 6D | 350                                        | 1  | 1 ~ 230                           | 165                        | 0.80                           | 1749                                     | 10                         | 7 × 250                                   | 4 × 250                       | 2750                    |
| AEA 3502 19 6D | 350                                        | 2  | 1 ~ 230                           | 330                        | 1.60                           | 3504                                     | 14                         | 7 × 420                                   | 4 × 420                       | 4620                    |
| AEA 3503 28 6D | 350                                        | 3  | 1 ~ 230                           | 495                        | 2.40                           | 5251                                     | 16                         | 7 × 580                                   | 4 × 580                       | 6380                    |
| AEA 3504 38 6D | 350                                        | 4  | 1 ~ 230                           | 660                        | 3.20                           | 7008                                     | 20                         | 7 × 745                                   | 4 × 745                       | 8195                    |
| AEA 3505 48 6D | 350                                        | 5  | 1 ~ 230                           | 825                        | 4.00                           | 8755                                     | 22                         | 7 × 860                                   | 4 × 860                       | 9460                    |
| AEA 3506 57 6D | 350                                        | 6  | 1 ~ 230                           | 990                        | 4.80                           | 10502                                    | 24                         | 7 × 1040                                  | 4 × 1040                      | 11440                   |
| AEA 4001 13 6D | 400                                        | 1  | 1 ~ 230                           | 205                        | 1.00                           | 3460                                     | 11                         | 7 × 330                                   | 2 × 330                       | 2970                    |
| AEA 4002 27 6D | 400                                        | 2  | 1 ~ 230                           | 410                        | 2.00                           | 6850                                     | 14                         | 7 × 580                                   | 2 × 580                       | 5220                    |
| AEA 4003 36 6D | 400                                        | 3  | 1 ~ 230                           | 615                        | 3.00                           | 9720                                     | 16                         | 7 × 745                                   | 2 × 745                       | 6705                    |
| AEA 4004 54 6D | 400                                        | 4  | 1 ~ 230                           | 820                        | 4.00                           | 13704                                    | 19                         | 7 × 1040                                  | 2 × 1040                      | 9360                    |
| AEA 4501 20 6D | 450                                        | 1  | 3 ~ 400                           | 370                        | 1.70                           | 4892                                     | 15                         | 7 × 420                                   | 2 × 420                       | 3780                    |
| AEA 4502 41 6D | 450                                        | 2  | 3 ~ 400                           | 740                        | 3.40                           | 9788                                     | 18                         | 7 × 745                                   | 2 × 745                       | 6705                    |
| AEA 4503 61 6D | 450                                        | 3  | 3 ~ 400                           | 1110                       | 5.10                           | 14690                                    | 22                         | 7 × 1040                                  | 2 × 1040                      | 9360                    |
| AEA 4504 82 6D | 450                                        | 4  | 3 ~ 400                           | 1480                       | 6.80                           | 19579                                    | 24                         | 7 × 1380                                  | 2 × 1380                      | 12420                   |

FIN SPACING 9 mm, with electrical defrost. Rt&gt;=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico. Rt&gt;=-35°C

| Modelo / Model | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m <sup>2</sup> ) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm <sup>3</sup> ) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|----------------|---------------------------------------------|-----------|----------------------------------------------|--------------------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                | te= -8°C                                    | te= -25°C |                                              |                                                              |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                | DTI=8K                                      | DTI=7K    |                                              |                                                              |                             |                                   |                    |
| AEA 2501 04 9D | 1.13                                        | 0.80      | 4.0                                          | 1.4                                                          | 11.4                        | 12                                | 16                 |
| AEA 2502 08 9D | 2.30                                        | 1.65      | 8.0                                          | 2.8                                                          | 19.4                        | 12                                | 19                 |
| AEA 2503 12 9D | 3.46                                        | 2.50      | 12.0                                         | 4.2                                                          | 27.4                        | 12                                | 22                 |
| AEA 2504 16 9D | 4.40                                        | 3.26      | 16.1                                         | 5.6                                                          | 35.5                        | 12                                | 22                 |
| AEA 2505 20 9D | 5.77                                        | 4.16      | 20.1                                         | 7.0                                                          | 43.5                        | 15                                | 28                 |
| AEA 2506 24 9D | 6.96                                        | 5.05      | 24.1                                         | 8.5                                                          | 51.4                        | 15                                | 28                 |
| AEA 3001 06 9D | 1.73                                        | 1.27      | 5.3                                          | 1.9                                                          | 13.7                        | 12                                | 19                 |
| AEA 3002 10 9D | 3.49                                        | 2.56      | 10.7                                         | 3.8                                                          | 23.6                        | 12                                | 22                 |
| AEA 3003 16 9D | 5.25                                        | 3.86      | 16.0                                         | 5.6                                                          | 33.3                        | 12                                | 22                 |
| AEA 3004 21 9D | 7.20                                        | 5.23      | 21.4                                         | 7.5                                                          | 43.1                        | 15                                | 28                 |
| AEA 3005 27 9D | 8.99                                        | 6.53      | 26.8                                         | 9.4                                                          | 52.8                        | 15                                | 28                 |
| AEA 3006 31 9D | 10.82                                       | 7.83      | 32.1                                         | 11.3                                                         | 62.5                        | 15                                | 28                 |
| AEA 3501 07 9D | 2.30                                        | 1.77      | 6.7                                          | 2.3                                                          | 17.3                        | 12                                | 19                 |
| AEA 3502 13 9D | 4.63                                        | 3.57      | 13.4                                         | 4.7                                                          | 30.6                        | 12                                | 22                 |
| AEA 3503 20 9D | 7.42                                        | 5.50      | 20.1                                         | 7.0                                                          | 43.8                        | 15                                | 22                 |
| AEA 3504 27 9D | 9.78                                        | 7.35      | 26.8                                         | 9.4                                                          | 57.1                        | 15                                | 28                 |
| AEA 3505 34 9D | 12.41                                       | 9.23      | 33.5                                         | 11.7                                                         | 70.3                        | 15                                | 35                 |
| AEA 3506 40 9D | 14.88                                       | 10.89     | 40.2                                         | 14.1                                                         | 83.5                        | 15                                | 35                 |
| AEA 4001 09 9D | 3.62                                        | 2.69      | 9.6                                          | 3.4                                                          | 21.9                        | 12                                | 19                 |
| AEA 4002 18 9D | 7.29                                        | 5.41      | 18.7                                         | 6.6                                                          | 39.0                        | 12                                | 28                 |
| AEA 4003 24 9D | 10.22                                       | 7.45      | 25.0                                         | 8.8                                                          | 52.9                        | 15                                | 28                 |
| AEA 4004 36 9D | 14.63                                       | 10.88     | 37.5                                         | 13.2                                                         | 73.8                        | 15                                | 35                 |
| AEA 4501 14 9D | 5.36                                        | 3.87      | 14.3                                         | 5.0                                                          | 28.3                        | 12                                | 22                 |
| AEA 4502 28 9D | 10.80                                       | 7.85      | 28.5                                         | 10.0                                                         | 51.4                        | 15                                | 28                 |
| AEA 4503 41 9D | 15.99                                       | 11.81     | 42.8                                         | 15.0                                                         | 74.4                        | 15                                | 35                 |
| AEA 4504 57 9D | 21.69                                       | 15.81     | 57.1                                         | 20.0                                                         | 97.3                        | 22                                | 42                 |

| Modelo / Model | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEA 2501 04 9D | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.20                           | 866                                      | 4                          | 3 × 250                                   | 2 × 250                       | 1250                    |
| AEA 2502 08 9D | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.40                           | 1732                                     | 5                          | 3 × 420                                   | 2 × 420                       | 2100                    |
| AEA 2503 12 9D | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.60                           | 2599                                     | 6                          | 3 × 580                                   | 2 × 580                       | 2900                    |
| AEA 2504 16 9D | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.80                           | 3470                                     | 7                          | 3 × 745                                   | 2 × 745                       | 3725                    |
| AEA 2505 20 9D | 250                                        | 5  | 1 ~ 230                           | 250                        | 1.00                           | 4334                                     | 9                          | 3 × 860                                   | 2 × 860                       | 4300                    |
| AEA 2506 24 9D | 250                                        | 6  | 1 ~ 230                           | 300                        | 1.20                           | 5199                                     | 10                         | 3 × 1040                                  | 2 × 1040                      | 5200                    |
| AEA 3001 06 9D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.40                           | 1524                                     | 6                          | 5 × 250                                   | 2 × 250                       | 1750                    |
| AEA 3002 10 9D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.80                           | 3049                                     | 7                          | 5 × 420                                   | 2 × 420                       | 2940                    |
| AEA 3003 16 9D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.20                           | 4574                                     | 9                          | 5 × 580                                   | 2 × 580                       | 4060                    |
| AEA 3004 21 9D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.60                           | 6096                                     | 11                         | 5 × 745                                   | 2 × 745                       | 5215                    |
| AEA 3005 27 9D | 300                                        | 5  | 1 ~ 230                           | 425                        | 2.00                           | 7621                                     | 13                         | 5 × 860                                   | 2 × 860                       | 6020                    |
| AEA 3006 31 9D | 300                                        | 6  | 1 ~ 230                           | 510                        | 2.40                           | 9143                                     | 15                         | 5 × 1040                                  | 2 × 1040                      | 7280                    |
| AEA 3501 07 9D | 350                                        | 1  | 1 ~ 230                           | 165                        | 0.80                           | 1924                                     | 11                         | 7 × 250                                   | 4 × 250                       | 2750                    |
| AEA 3502 13 9D | 350                                        | 2  | 1 ~ 230                           | 330                        | 1.60                           | 3854                                     | 14                         | 7 × 420                                   | 4 × 420                       | 4620                    |
| AEA 3503 20 9D | 350                                        | 3  | 1 ~ 230                           | 495                        | 2.40                           | 5768                                     | 17                         | 7 × 580                                   | 4 × 580                       | 6380                    |
| AEA 3504 27 9D | 350                                        | 4  | 1 ~ 230                           | 660                        | 3.20                           | 7700                                     | 20                         | 7 × 745                                   | 4 × 745                       | 8195                    |
| AEA 3505 34 9D | 350                                        | 5  | 1 ~ 230                           | 825                        | 4.00                           | 9617                                     | 22                         | 7 × 860                                   | 4 × 860                       | 9460                    |
| AEA 3506 40 9D | 350                                        | 6  | 1 ~ 230                           | 990                        | 4.80                           | 11535                                    | 24                         | 7 × 1040                                  | 4 × 1040                      | 11440                   |
| AEA 4001 09 9D | 400                                        | 1  | 1 ~ 230                           | 205                        | 1.00                           | 3638                                     | 11                         | 7 × 330                                   | 2 × 330                       | 2970                    |
| AEA 4002 18 9D | 400                                        | 2  | 1 ~ 230                           | 410                        | 2.00                           | 7228                                     | 14                         | 7 × 580                                   | 2 × 580                       | 5220                    |
| AEA 4003 24 9D | 400                                        | 3  | 1 ~ 230                           | 615                        | 3.00                           | 10320                                    | 16                         | 7 × 745                                   | 2 × 745                       | 6705                    |
| AEA 4004 36 9D | 400                                        | 4  | 1 ~ 230                           | 820                        | 4.00                           | 14459                                    | 20                         | 7 × 1040                                  | 2 × 1040                      | 9360                    |
| AEA 4501 14 9D | 450                                        | 1  | 3 ~ 400                           | 370                        | 1.70                           | 5068                                     | 15                         | 7 × 420                                   | 2 × 420                       | 3780                    |
| AEA 4502 28 9D | 450                                        | 2  | 3 ~ 400                           | 740                        | 3.40                           | 10138                                    | 18                         | 7 × 745                                   | 2 × 745                       | 6705                    |
| AEA 4503 41 9D | 450                                        | 3  | 3 ~ 400                           | 1110                       | 5.10                           | 15215                                    | 22                         | 7 × 1040                                  | 2 × 1040                      | 9360                    |
| AEA 4504 57 9D | 450                                        | 4  | 3 ~ 400                           | 1480                       | 6.80                           | 20278                                    | 24                         | 7 × 1380                                  | 2 × 1380                      | 12420                   |



## AVAILABLE OPTIONS FOR AEA SERIES



### Defrost options:

- Air
- Electrical defrost
- Hot gas
- Water
- Hot gas for coil and electrical for tray
- Water and electrical



### Tube material options:

- Copper
- Stainless steel AISI SUS304



### Coil protection options:

- Aluminium fins
- Fins with GOLDFIN anti-corrosion high resistance coating



### Fan options:

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



### Casing options:

- White powder-coated painted aluminium
- Stainless steel AISI SUS304



### Other options:

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

## OPCIONES DISPONIBLES PARA LA SERIE AEA



### Opciones de desescarche:

- Aire
- Desescarche eléctrico
- Gas caliente
- Agua
- Aas caliente en serpentín y eléctrico en bandeja
- Agua y eléctrico



### Tube material options:

- Cobre
- Acero inoxidable AISI SUS304



### Coil protection options:

- Aleta de aluminio
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia



### Fan options:

- 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



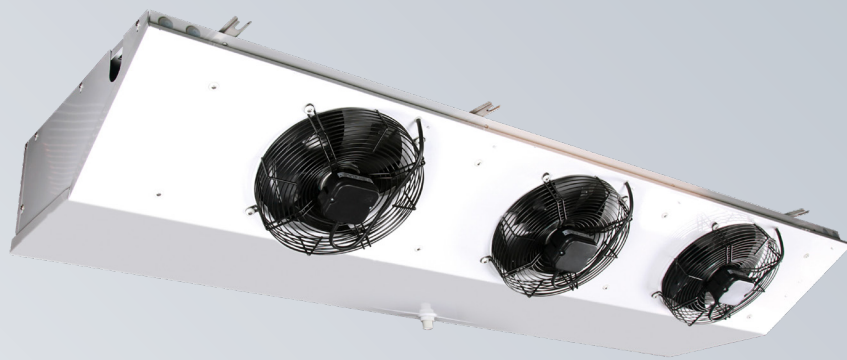
### Casing options:

- Aluminio pintado al polvo blanco
- acero inoxidable AISI SUS304



### Other options:

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



# AEC & AEC PLUS SERIES EVAPORATOR

EVAPORADORES SERIE AEC & AEC PLUS

## COMPACT-CEILING AIR TYPE EVAPORATORS EVAPORADORES COMPACTOS TIPO CUÑA

The AEC range of compact-ceiling air type evaporators has been designed for use in low height commercial cold room or the preservation of fresh and frozen products.

### The exchange coils used in the AEC range are highly

The exchange coils used in the AEC range are built with geometries of recognized high efficiency, with special profile aluminum fins and ø12 mm internally grooved (AEC 25XX, AEC Plus 30XX) or ø15 mm (AEC 30XX) high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

01

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

02

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

03

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

04

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.

## AEC SERIES EVAPORATORS EVAPORADORES SERIE AEC

La gama de evaporadores tipo cuña AEC ha sido diseñada para su uso en cámaras frigoríficas comerciales de poca altura para conservación de productos frescos y congelados.

### Los baterías de intercambio utilizadas en la gama AEC son

Los baterías de intercambio utilizadas en la gama AEC están construidos con geometrías de reconocida alta eficiencia, con aletas de aluminio de perfil especial y tubos de cobre de ø12 mm estriado interiormente (AEC 25XX, AEC Plus 30XX) o ø15mm (AEC 30XX), de alta calidad, con un alto coeficiente de transferencia de calor. Se suministran limpias y probadas a una presión de 30 bar.

01

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

02

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

03

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

04

Para rendimientos en puntos de trabajo distintos a los de este catálogo utilizar el software "Unit Selector Hybrid HISPANIA".



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

# AEC 2503 26 4D S1 2 3

Fin materials (blank: aluminum, 3: stainless steel, GF: golden fins) / Materiales de las aletas (en blanco: aluminio, 3: acero inoxidable, GF: aletas doradas)

Casing materials (blank: aluminum, 2: stainless steel) / Materiales de la carcasa (en blanco: aluminio, 2: acero inoxidable)

Tube materials (blank: copper, 1: stainless steel) / Materiales del tubo (en blanco: cobre, 1: acero inoxidable)

Defrost system (blank: air, D: electric, HG: hot gas, W: water, HGD: hot gas & electric, WD: water & electric) / Sistema de descongelación (en blanco: aire, D: eléctrico, HG: gas caliente, W: agua, HGD: gas caliente y eléctrico, WD: agua y electricidad)

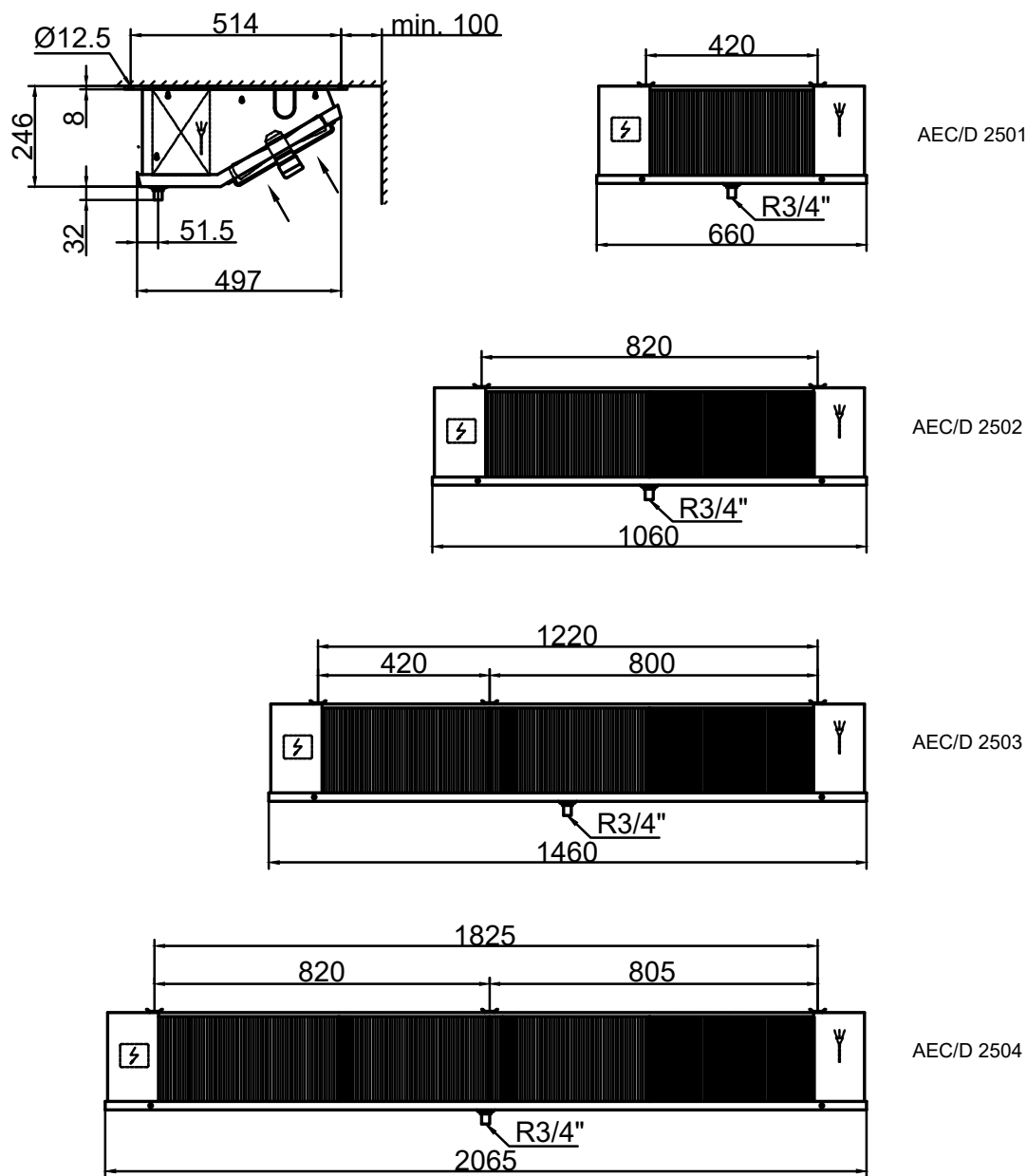
Fin spacing (mm) / Espacio entre aletas (mm)

Surface (m<sup>2</sup>) / Superficie (m<sup>2</sup>)

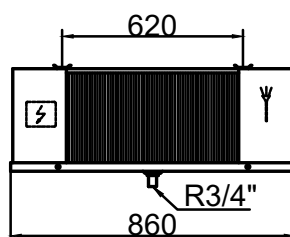
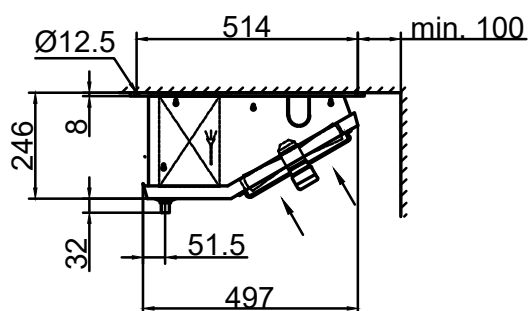
Fan number / Número de ventiladores

Fan ø (mm) / Ventilador ø (mm)

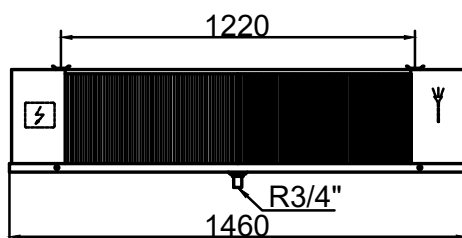
Series / Serie



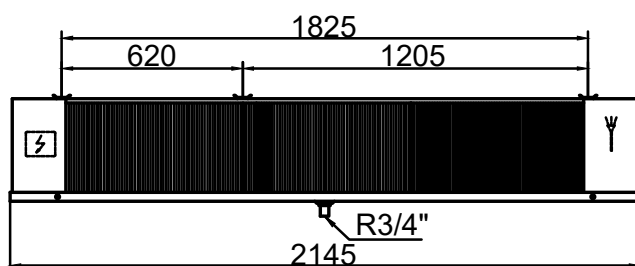
Dia. 1



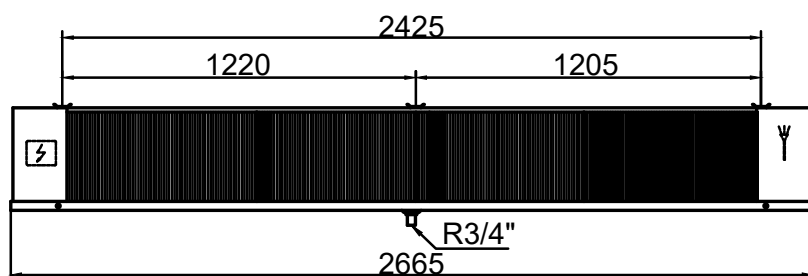
AEC/D 2501



AEC/D 2502

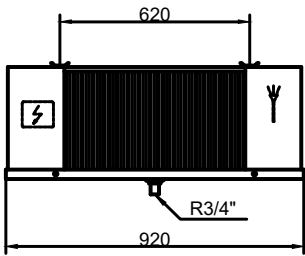
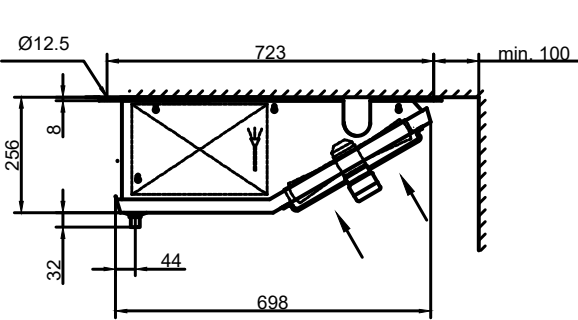


AEC/D 2503

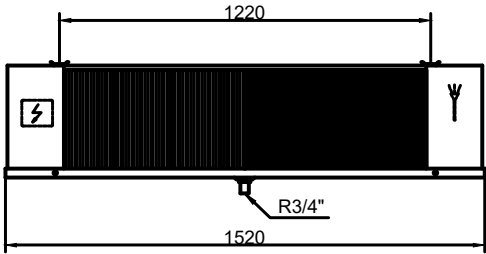


AEC/D 2504

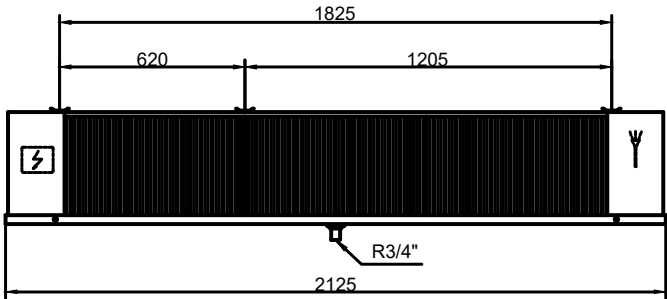
Dia. 2



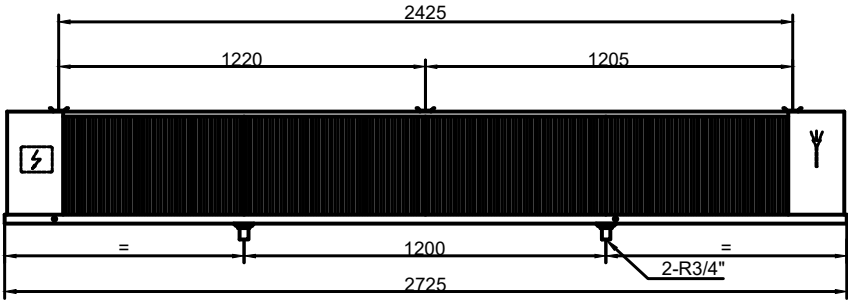
AEC/D 3001



AEC/D 3002

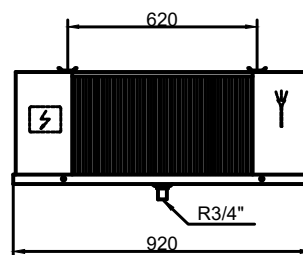
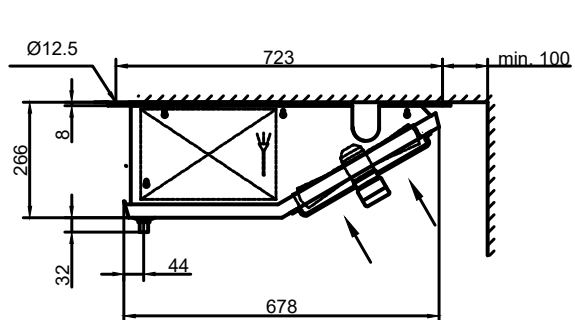


AEC/D 3003

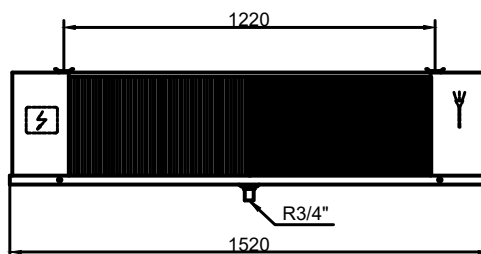


AEC/D 3004

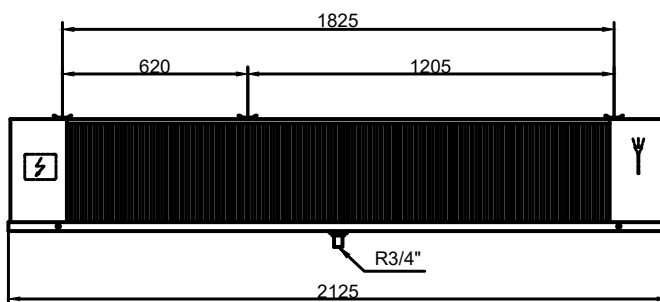
Dia. 3



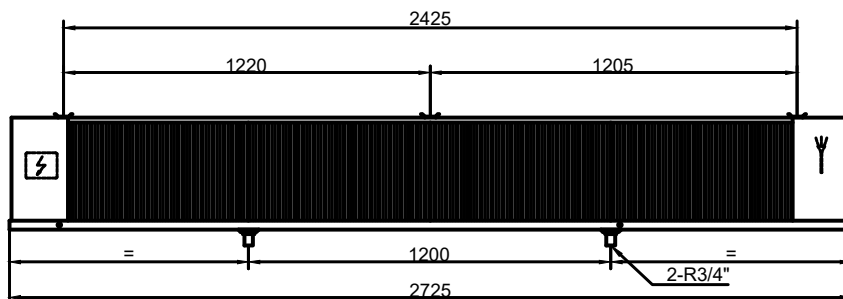
AEC/D PLUS 3001



AEC/D PLUS 3002



AEC/D PLUS 3003



AEC/D PLUS 3004

Dia. 4

FIN SPACING 4 mm, with electrical defrost. Rt&gt;=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt&gt;=0°C

| Modelo / Model      | Capacidad / Capacity<br>R455A/R454C<br>(kw) |          | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    | Dimension /<br>Dimensión |
|---------------------|---------------------------------------------|----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|--------------------------|
|                     | te= 0°C                                     | te= -8°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |                          |
|                     | DTI=10K                                     | DTI=8K   |                                 |                                                 |                             |                                   |                    |                          |
| AEC 2501 05 4D      | 1.43                                        | 0.99     | 4.3                             | 0.7                                             | 11                          | 12                                | 12                 | Dia. 1                   |
| AEC 2501 06 4D      | 1.67                                        | 1.17     | 5.7                             | 1                                               | 12                          | 12                                | 12                 | Dia. 1                   |
| AEC 2501 07 4D      | 1.98                                        | 1.38     | 6.4                             | 1.1                                             | 13                          | 12                                | 12                 | Dia. 2                   |
| AEC 2501 09 4D      | 2.28                                        | 1.59     | 8.5                             | 1.4                                             | 16                          | 12                                | 12                 | Dia. 2                   |
| AEC 2502 12 4D      | 3.37                                        | 2.37     | 11.4                            | 1.9                                             | 18                          | 12                                | 19                 | Dia. 1                   |
| AEC 2502 18 4D      | 4.64                                        | 3.24     | 17.1                            | 2.9                                             | 23                          | 12                                | 19                 | Dia. 2                   |
| AEC 2503 17 4D      | 5.07                                        | 3.56     | 17.1                            | 2.9                                             | 32                          | 12                                | 22                 | Dia. 1                   |
| AEC 2503 26 4D      | 7.11                                        | 4.95     | 25.7                            | 4.3                                             | 42                          | 12                                | 28                 | Dia. 2                   |
| AEC 2504 23 4D      | 6.78                                        | 4.77     | 22.9                            | 3.8                                             | 47                          | 12                                | 28                 | Dia. 1                   |
| AEC 2504 34 4D      | 9.47                                        | 6.58     | 34.3                            | 5.8                                             | 54                          | 12                                | 28                 | Dia. 2                   |
| AEC Plus 3001 13 4D | 3.49                                        | 2.46     | 12.8                            | 2.2                                             | 28                          | 12                                | 19                 | Dia. 4                   |
| AEC Plus 3001 17 4D | 3.72                                        | 2.62     | 17.1                            | 2.9                                             | 33                          | 12                                | 22                 | Dia. 4                   |
| AEC Plus 3002 26 4D | 6.92                                        | 4.74     | 25.7                            | 4.3                                             | 40                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3002 34 4D | 7.48                                        | 5.27     | 34.3                            | 5.8                                             | 48                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3003 39 4D | 10.59                                       | 7.46     | 38.6                            | 6.5                                             | 59                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3003 51 4D | 11.14                                       | 7.92     | 51.4                            | 8.7                                             | 68                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3004 51 4D | 13.9                                        | 9.81     | 51.4                            | 8.7                                             | 76                          | 15                                | 28                 | Dia. 4                   |
| AEC Plus 3004 69 4D | 14.25                                       | 10.12    | 68.6                            | 11.5                                            | 88                          | 15                                | 28                 | Dia. 4                   |

| Modelo / Model      | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|---------------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                     | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEC 2501 05 4D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 650                                      | 5                          | 2 × 230                                   | 2 × 230                       | 920                     |
| AEC 2501 06 4D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 570                                      | 4                          | 2 × 230                                   | 2 × 230                       | 920                     |
| AEC 2501 07 4D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 824                                      | 4                          | 2 × 320                                   | 2 × 320                       | 1280                    |
| AEC 2501 09 4D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 759                                      | 4                          | 2 × 320                                   | 2 × 320                       | 1280                    |
| AEC 2502 12 4D      | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1141                                     | 5                          | 2 × 410                                   | 2 × 410                       | 1640                    |
| AEC 2502 18 4D      | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1520                                     | 5                          | 2 × 590                                   | 2 × 590                       | 2360                    |
| AEC 2503 17 4D      | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 1710                                     | 6                          | 2 × 585                                   | 2 × 585                       | 2340                    |
| AEC 2503 26 4D      | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 2281                                     | 6                          | 2 × 800                                   | 2 × 800                       | 3200                    |
| AEC 2504 23 4D      | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 2282                                     | 7                          | 2 × 740                                   | 2 × 740                       | 2960                    |
| AEC 2504 34 4D      | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 3042                                     | 7                          | 2 × 1060                                  | 2 × 1060                      | 4240                    |
| AEC Plus 3001 13 4D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 950                                      | 9                          | 4 × 320                                   | 2 × 320                       | 1920                    |
| AEC Plus 3001 17 4D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 842                                      | 6                          | 6 × 320                                   | 3 × 320                       | 2880                    |
| AEC Plus 3002 26 4D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 1903                                     | 10                         | 4 × 585                                   | 2 × 585                       | 3510                    |
| AEC Plus 3002 34 4D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 1686                                     | 8                          | 6 × 585                                   | 3 × 585                       | 5265                    |
| AEC Plus 3003 39 4D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 2852                                     | 13                         | 4 × 800                                   | 2 × 800                       | 4800                    |
| AEC Plus 3003 51 4D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 2529                                     | 9                          | 6 × 800                                   | 3 × 800                       | 7200                    |
| AEC Plus 3004 51 4D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 3802                                     | 15                         | 4 × 1060                                  | 2 × 1060                      | 6360                    |
| AEC Plus 3004 69 4D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 3372                                     | 11                         | 6 × 1060                                  | 3 × 1060                      | 9540                    |

FIN SPACING 6 mm, with electrical defrost. Rt&gt;=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt&gt;=-18°C

| Modelo / Model      | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexion /<br>Connection<br>(ømm) |                    | Dimension /<br>Dimensión |
|---------------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|--------------------------|
|                     | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |                          |
|                     | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |                          |
| AEC 2501 03 6D      | 0.82                                        | 0.63      | 2.9                             | 0.7                                             | 11                          | 12                                | 12                 | Dia. 1                   |
| AEC 2501 04 6D      | 1.02                                        | 0.76      | 3.9                             | 1                                               | 12                          | 12                                | 12                 | Dia. 1                   |
| AEC 2501 05 6D      | 1.15                                        | 0.84      | 4.4                             | 1.1                                             | 13                          | 12                                | 12                 | Dia. 2                   |
| AEC 2501 06 6D      | 1.39                                        | 0.99      | 5.9                             | 1.4                                             | 16                          | 12                                | 12                 | Dia. 2                   |
| AEC 2502 08 6D      | 2.06                                        | 1.54      | 7.9                             | 1.9                                             | 18                          | 12                                | 19                 | Dia. 1                   |
| AEC 2502 12 6D      | 2.81                                        | 2.03      | 11.8                            | 2.9                                             | 22                          | 12                                | 19                 | Dia. 2                   |
| AEC 2503 12 6D      | 3.1                                         | 2.32      | 11.8                            | 2.9                                             | 31                          | 12                                | 22                 | Dia. 1                   |
| AEC 2503 18 6D      | 4.24                                        | 3.09      | 17.7                            | 4.3                                             | 41                          | 12                                | 28                 | Dia. 2                   |
| AEC 2504 16 6D      | 4.15                                        | 3.11      | 15.7                            | 3.8                                             | 46                          | 12                                | 28                 | Dia. 1                   |
| AEC 2504 24 6D      | 5.61                                        | 4.11      | 23.6                            | 5.8                                             | 53                          | 12                                | 28                 | Dia. 2                   |
| AEC Plus 3001 09 6D | 2.21                                        | 1.63      | 8.8                             | 2.2                                             | 28                          | 12                                | 19                 | Dia. 4                   |
| AEC Plus 3001 12 6D | 2.42                                        | 1.8       | 11.8                            | 2.9                                             | 33                          | 12                                | 22                 | Dia. 4                   |
| AEC Plus 3002 18 6D | 4.12                                        | 3.2       | 17.7                            | 4.3                                             | 39                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3002 24 6D | 4.87                                        | 3.63      | 23.6                            | 5.8                                             | 47                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3003 27 6D | 6.71                                        | 4.99      | 26.5                            | 6.5                                             | 57                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3003 35 6D | 7.48                                        | 5.51      | 35.4                            | 8.7                                             | 66                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3004 35 6D | 8.92                                        | 6.52      | 35.4                            | 8.7                                             | 74                          | 15                                | 28                 | Dia. 4                   |
| AEC Plus 3004 47 6D | 9.66                                        | 6.87      | 47.2                            | 11.5                                            | 86                          | 15                                | 28                 | Dia. 4                   |

| Modelo / Model      | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|---------------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                     | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEC 2501 03 6D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 747                                      | 6                          | 2 × 230                                   | 2 × 230                       | 920                     |
| AEC 2501 04 6D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 660                                      | 5                          | 2 × 230                                   | 2 × 230                       | 920                     |
| AEC 2501 05 6D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 889                                      | 4                          | 2 × 320                                   | 2 × 320                       | 1280                    |
| AEC 2501 06 6D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 831                                      | 4                          | 2 × 320                                   | 2 × 320                       | 1280                    |
| AEC 2502 08 6D      | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1321                                     | 5                          | 2 × 410                                   | 2 × 410                       | 1640                    |
| AEC 2502 12 6D      | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1662                                     | 5                          | 2 × 590                                   | 2 × 590                       | 2360                    |
| AEC 2503 12 6D      | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 1980                                     | 7                          | 2 × 585                                   | 2 × 585                       | 2340                    |
| AEC 2503 18 6D      | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 2494                                     | 6                          | 2 × 800                                   | 2 × 800                       | 3200                    |
| AEC 2504 16 6D      | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 2642                                     | 7                          | 2 × 740                                   | 2 × 740                       | 2960                    |
| AEC 2504 24 6D      | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 3327                                     | 8                          | 2 × 1060                                  | 2 × 1060                      | 4240                    |
| AEC Plus 3001 09 6D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1081                                     | 10                         | 4 × 320                                   | 2 × 320                       | 1920                    |
| AEC Plus 3001 12 6D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 966                                      | 7                          | 6 × 320                                   | 3 × 320                       | 2880                    |
| AEC Plus 3002 18 6D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2168                                     | 12                         | 4 × 585                                   | 2 × 585                       | 3510                    |
| AEC Plus 3002 24 6D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 1933                                     | 8                          | 6 × 585                                   | 3 × 585                       | 5265                    |
| AEC Plus 3003 27 6D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3246                                     | 14                         | 4 × 800                                   | 2 × 800                       | 4800                    |
| AEC Plus 3003 35 6D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 2898                                     | 10                         | 6 × 800                                   | 3 × 800                       | 7200                    |
| AEC Plus 3004 35 6D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 4326                                     | 17                         | 4 × 1060                                  | 2 × 1060                      | 6360                    |
| AEC Plus 3004 47 6D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 3864                                     | 12                         | 6 × 1060                                  | 3 × 1060                      | 9540                    |

FIN SPACING 9 mm, with electrical defrost. Rt&gt;=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico. Rt&gt;=-35°C

| Modelo / Model      | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    | Dimension /<br>Dimensión |
|---------------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|--------------------------|
|                     | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |                          |
|                     | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |                          |
| AEC 2501 02 9D      | 0.64                                        | 0.49      | 2.1                             | 0.7                                             | 11                          | 12                                | 12                 | Dia. 1                   |
| AEC 2501 03 9D      | 0.85                                        | 0.63      | 2.7                             | 1                                               | 13                          | 12                                | 12                 | Dia. 1                   |
| AEC 2501 04 9D      | 1.16                                        | 0.83      | 4.1                             | 1.4                                             | 16                          | 12                                | 12                 | Dia. 2                   |
| AEC 2502 06 9D      | 1.71                                        | 1.27      | 5.5                             | 1.9                                             | 18                          | 12                                | 12                 | Dia. 1                   |
| AEC 2502 08 9D      | 2.34                                        | 1.69      | 8.2                             | 2.9                                             | 22                          | 12                                | 19                 | Dia. 2                   |
| AEC 2503 08 9D      | 2.48                                        | 1.87      | 8.2                             | 2.9                                             | 31                          | 12                                | 22                 | Dia. 1                   |
| AEC 2503 12 9D      | 3.46                                        | 2.51      | 12.3                            | 4.3                                             | 40                          | 12                                | 28                 | Dia. 2                   |
| AEC 2504 11 9D      | 3.44                                        | 2.57      | 11                              | 3.8                                             | 45                          | 12                                | 28                 | Dia. 1                   |
| AEC 2504 16 9D      | 4.49                                        | 3.32      | 16.4                            | 5.8                                             | 51                          | 12                                | 28                 | Dia. 2                   |
| AEC Plus 3001 06 9D | 1.92                                        | 1.4       | 6.2                             | 2.2                                             | 27                          | 12                                | 19                 | Dia. 4                   |
| AEC Plus 3001 08 9D | 2.13                                        | 1.6       | 8.2                             | 2.9                                             | 32                          | 12                                | 22                 | Dia. 4                   |
| AEC Plus 3002 12 9D | 3.45                                        | 2.69      | 12.3                            | 4.3                                             | 38                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3002 16 9D | 4.28                                        | 3.22      | 16.4                            | 5.8                                             | 46                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3003 19 9D | 5.81                                        | 4.27      | 18.5                            | 6.5                                             | 55                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3003 25 9D | 6.75                                        | 4.97      | 24.7                            | 8.7                                             | 63                          | 12                                | 28                 | Dia. 4                   |
| AEC Plus 3004 25 9D | 7.8                                         | 5.74      | 24.7                            | 8.7                                             | 72                          | 15                                | 28                 | Dia. 4                   |
| AEC Plus 3004 33 9D | 8.82                                        | 6.34      | 32.9                            | 11.5                                            | 82                          | 15                                | 28                 | Dia. 4                   |

| Modelo / Model      | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|---------------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                     | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEC 2501 02 9D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 795                                      | 6                          | 2 × 230                                   | 2 × 230                       | 920                     |
| AEC 2501 03 9D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 718                                      | 4                          | 2 × 230                                   | 2 × 230                       | 920                     |
| AEC 2501 04 9D      | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 871                                      | 4                          | 2 × 320                                   | 2 × 320                       | 1280                    |
| AEC 2502 06 9D      | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1438                                     | 5                          | 2 × 410                                   | 2 × 410                       | 1640                    |
| AEC 2502 08 9D      | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1743                                     | 5                          | 2 × 590                                   | 2 × 590                       | 2360                    |
| AEC 2503 08 9D      | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 2170                                     | 7                          | 2 × 585                                   | 2 × 585                       | 2340                    |
| AEC 2503 12 9D      | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 2623                                     | 7                          | 2 × 800                                   | 2 × 800                       | 3200                    |
| AEC 2504 11 9D      | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 2891                                     | 8                          | 2 × 740                                   | 2 × 740                       | 2960                    |
| AEC 2504 16 9D      | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 3500                                     | 8                          | 2 × 1060                                  | 2 × 1060                      | 4240                    |
| AEC Plus 3001 06 9D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1174                                     | 10                         | 4 × 320                                   | 2 × 320                       | 1920                    |
| AEC Plus 3001 08 9D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1049                                     | 7                          | 6 × 320                                   | 3 × 320                       | 2880                    |
| AEC Plus 3002 12 9D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2357                                     | 9                          | 4 × 585                                   | 2 × 585                       | 3510                    |
| AEC Plus 3002 16 9D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2100                                     | 11                         | 6 × 585                                   | 3 × 585                       | 5265                    |
| AEC Plus 3003 19 9D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3526                                     | 14                         | 4 × 800                                   | 2 × 800                       | 4800                    |
| AEC Plus 3003 25 9D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3147                                     | 10                         | 6 × 800                                   | 3 × 800                       | 7200                    |
| AEC Plus 3004 25 9D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 4698                                     | 17                         | 4 × 1060                                  | 2 × 1060                      | 6360                    |
| AEC Plus 3004 33 9D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 4195                                     | 12                         | 6 × 1060                                  | 3 × 1060                      | 9540                    |

FIN SPACING 4.5 mm, with electrical defrost. Rt&gt;=0°C

SEPARACIÓN ALETAS 4.5 mm, con desescarche eléctrico. Rt&gt;=0°C

| Modelo / Model   | Capacidad / Capacity<br>R455A/R454C<br>(kw) |          | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    | Dimension /<br>Dimensión |
|------------------|---------------------------------------------|----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|--------------------------|
|                  | te= 0°C                                     | te= -8°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |                          |
|                  | DTI=10K                                     | DTI=8K   |                                 |                                                 |                             |                                   |                    |                          |
| AEC 3001 11 4.5D | 2.16                                        | 1.46     | 10.4                            | 1.5                                             | 18                          | 12                                | 15                 | Dia. 3                   |
| AEC 3001 16 4.5D | 2.84                                        | 1.99     | 15.5                            | 2.2                                             | 21                          | 12                                | 15                 | Dia. 3                   |
| AEC 3002 21 4.5D | 4.53                                        | 3.16     | 20.8                            | 3                                               | 32                          | 12                                | 15                 | Dia. 3                   |
| AEC 3002 32 4.5D | 5.72                                        | 4.00     | 31.1                            | 4.5                                             | 39                          | 12                                | 22                 | Dia. 3                   |
| AEC 3003 32 4.5D | 6.84                                        | 4.76     | 31.1                            | 4.5                                             | 35                          | 12                                | 22                 | Dia. 3                   |
| AEC 3003 48 4.5D | 8.55                                        | 5.99     | 46.7                            | 6.8                                             | 56                          | 12                                | 22                 | Dia. 3                   |
| AEC 3004 43 4.5D | 9.14                                        | 6.38     | 41.5                            | 6                                               | 60                          | 12                                | 22                 | Dia. 3                   |
| AEC 3004 64 4.5D | 11.54                                       | 8.09     | 62.3                            | 9                                               | 73                          | 15                                | 28                 | Dia. 3                   |

| Modelo / Model   | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|------------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                  | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEC 3001 11 4.5D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1146                                     | 9                          | 3 × 335                                   | 2 × 335                       | 1675                    |
| AEC 3001 16 4.5D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 967                                      | 6                          | 4 × 335                                   | 2 × 335                       | 2010                    |
| AEC 3002 21 4.5D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2281                                     | 10                         | 3 × 600                                   | 2 × 600                       | 3000                    |
| AEC 3002 32 4.5D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 1935                                     | 8                          | 4 × 600                                   | 2 × 600                       | 3600                    |
| AEC 3003 32 4.5D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3428                                     | 13                         | 3 × 800                                   | 2 × 800                       | 4000                    |
| AEC 3003 48 4.5D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 2898                                     | 9                          | 4 × 800                                   | 2 × 800                       | 4800                    |
| AEC 3004 43 4.5D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 4562                                     | 15                         | 3 × 1060                                  | 2 × 1060                      | 5300                    |
| AEC 3004 64 4.5D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 3866                                     | 11                         | 4 × 1060                                  | 2 × 1060                      | 6360                    |

**FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C**

**SEPARACIÓN ALETAS 7 mm, con desescarche eléctrico. Rt>=-20°C**

| Modelo / Model | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    | Dimension /<br>Dimensión |
|----------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|--------------------------|
|                | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |                          |
|                | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |                          |
| AEC 3001 07 7D | 1.13                                        | 0.96      | 6.8                             | 1.5                                             | 17                          | 12                                | 15                 | Dia. 3                   |
| AEC 3001 10 7D | 1.62                                        | 1.31      | 10.2                            | 2.2                                             | 20                          | 12                                | 15                 | Dia. 3                   |
| AEC 3002 14 7D | 2.5                                         | 1.91      | 13.7                            | 3                                               | 30                          | 12                                | 15                 | Dia. 3                   |
| AEC 3002 20 7D | 3.27                                        | 2.65      | 20.5                            | 4.5                                             | 36                          | 12                                | 22                 | Dia. 3                   |
| AEC 3003 20 7D | 3.7                                         | 3.03      | 20.5                            | 4.5                                             | 32                          | 12                                | 22                 | Dia. 3                   |
| AEC 3003 30 7D | 4.96                                        | 3.72      | 30.8                            | 6.8                                             | 52                          | 12                                | 22                 | Dia. 3                   |
| AEC 3004 28 7D | 5.02                                        | 3.87      | 27.4                            | 6                                               | 57                          | 12                                | 22                 | Dia. 3                   |
| AEC 3004 41 7D | 6.66                                        | 5.14      | 41.0                            | 9                                               | 68                          | 15                                | 28                 | Dia. 3                   |

| Modelo / Model | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m³/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEC 3001 07 7D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1316                                     | 10                         | 3 × 335                                   | 2 × 335                       | 1675                    |
| AEC 3001 10 7D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1116                                     | 7                          | 4 × 335                                   | 2 × 335                       | 2010                    |
| AEC 3002 14 7D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2605                                     | 12                         | 3 × 600                                   | 2 × 600                       | 3000                    |
| AEC 3002 20 7D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2234                                     | 8                          | 4 × 600                                   | 2 × 600                       | 3600                    |
| AEC 3003 20 7D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3915                                     | 14                         | 3 × 800                                   | 2 × 800                       | 4000                    |
| AEC 3003 30 7D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3343                                     | 10                         | 4 × 800                                   | 2 × 800                       | 4800                    |
| AEC 3004 28 7D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 5210                                     | 17                         | 3 × 1060                                  | 2 × 1060                      | 5300                    |
| AEC 3004 41 7D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 4461                                     | 12                         | 4 × 1060                                  | 2 × 1060                      | 6360                    |

FIN SPACING 10 mm, with electrical defrost. Rt&gt;=-35°C

SEPARACIÓN ALETAS 10 mm, con desescarche eléctrico. Rt&gt;=-35°C

| Modelo / Model  | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    | Dimension /<br>Dimensión |
|-----------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|--------------------------|
|                 | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |                          |
|                 | DT1=8K                                      | DT1=7K    |                                 |                                                 |                             |                                   |                    |                          |
| AEC 3001 05 10D | 0.87                                        | 0.76      | 4.9                             | 1.5                                             | 17                          | 12                                | 15                 | Dia. 3                   |
| AEC 3001 07 10D | 1.4                                         | 1.13      | 7.4                             | 2.2                                             | 20                          | 12                                | 15                 | Dia. 3                   |
| AEC 3002 10 10D | 2.12                                        | 1.65      | 9.8                             | 3                                               | 30                          | 12                                | 15                 | Dia. 3                   |
| AEC 3002 15 10D | 2.82                                        | 2.29      | 14.8                            | 4.5                                             | 36                          | 12                                | 22                 | Dia. 3                   |
| AEC 3003 15 10D | 3.11                                        | 2.56      | 14.8                            | 4.5                                             | 32                          | 12                                | 22                 | Dia. 3                   |
| AEC 3003 22 10D | 4.37                                        | 3.31      | 22.1                            | 6.8                                             | 52                          | 12                                | 22                 | Dia. 3                   |
| AEC 3004 20 10D | 4.27                                        | 3.33      | 19.7                            | 6                                               | 56                          | 12                                | 22                 | Dia. 3                   |
| AEC 3004 29 10D | 5.83                                        | 4.54      | 29.5                            | 9                                               | 67                          | 15                                | 28                 | Dia. 3                   |

| Modelo / Model  | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                               |                         |
|-----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------------|-------------------------|
|                 | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Desagüe /<br>Drain Pan<br>(W) | Total /<br>Total<br>(W) |
| AEC 3001 05 10D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1406                                     | 10                         | 3 × 335                                   | 2 × 335                       | 1675                    |
| AEC 3001 07 10D | 300                                        | 1  | 1 ~ 230                           | 85                         | 0.4                            | 1202                                     | 7                          | 4 × 335                                   | 2 × 335                       | 2010                    |
| AEC 3002 10 10D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2775                                     | 9                          | 3 × 600                                   | 2 × 600                       | 3000                    |
| AEC 3002 15 10D | 300                                        | 2  | 1 ~ 230                           | 170                        | 0.8                            | 2406                                     | 11                         | 4 × 600                                   | 2 × 600                       | 3600                    |
| AEC 3003 15 10D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 4172                                     | 14                         | 3 × 800                                   | 2 × 800                       | 4000                    |
| AEC 3003 22 10D | 300                                        | 3  | 1 ~ 230                           | 255                        | 1.2                            | 3596                                     | 10                         | 4 × 800                                   | 2 × 800                       | 4800                    |
| AEC 3004 20 10D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 5550                                     | 17                         | 3 × 1060                                  | 2 × 1060                      | 5300                    |
| AEC 3004 29 10D | 300                                        | 4  | 1 ~ 230                           | 340                        | 1.6                            | 4799                                     | 12                         | 4 × 1060                                  | 2 × 1060                      | 6360                    |

## AVAILABLE OPTIONS FOR AEC & AEC PLUS SERIES



### Defrost options:

- Air
- Electrical defrost
- Hot gas
- Water
- Hot gas for coil and electrical for tray
- Water and electrical



### Tube material options:

- Copper
- Stainless steel AISI SUS304



### Coil protection options:

- Aluminium fins
- Fins with GOLDFIN anti-corrosion high resistance coating



### Fan options:

- EC Fans



### Casing options:

- White powder-coated painted aluminium
- Stainless steel AISI SUS304



### Other options:

- Thermal protector for defrosting electrical heaters

## OPCIONES DISPONIBLES PARA LA SERIE AEC & AEC PLUS



### Opciones de desescarche:

- Aire
- Desescarche eléctrico
- Gas caliente
- Agua
- Aas caliente en serpentín y eléctrico en bandeja
- Agua y eléctrico



### Tube material options:

- Cobre
- Acero inoxidable AISI SUS304



### Coil protection options:

- Aleta de aluminio
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia



### Fan options:

- Ventiladores EC



### Casing options:

- Aluminio pintado al polvo blanco
- acero inoxidable AISI SUS304



### Other options:

- Protector térmico para resistencias de desescarche





# AEJ & AEJ PLUS SERIES EVAPORATOR

EVAPORADORES SERIE AEJ & AEJ PLUS

## HIGH EFFICIENCY COMPACT-CEILING AIR TYPE EVAPORATORS EVAPORADORES COMPACTOS TIPO CUÑA DE ALTA EFICIENCIA

The AEJ & AEJ Plus range of compact-ceiling air type evaporators has been designed for use in low height commercial cold rooms for the preservation of fresh and frozen products.

### The exchange coils used in the AEJ & AEJ PLUS range are highly

The exchange coils used in the AEJ & AEJ Plus range are highly efficient with special profile aluminum fins and ø9.52 mm internally grooved copper 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.

01

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

02

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

03

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

04

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.

## AEJ & AEJ PLUS SERIES EVAPORATORS EVAPORADORES SERIE AEJ & AEJ PLUS

La gama de evaporadores tipo cuña AEJ & AEJ Plus ha sido diseñada para su uso en cámaras frigoríficas comerciales de poca altura para conservación de productos frescos y congelados.

### Los baterías de intercambio utilizadas en la gama AEJ & AEJ PLUS son

Los baterías de intercambio utilizadas en la gama AEJ & AEJ Plus son de alta eficiencia con aletas de aluminio de perfil especial y tubos estriados interiormente ø9.52 mm, 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 elevado efecto invernadero. Se suministran limpias y probadas a una presión de 30 bar.

01

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

02

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

03

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

04

Para rendimientos en puntos de trabajo distintos a los de este catálogo utilizar el software "Unit Selector Hybrid HISPANIA".



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

# AEJ Plus 1D S1 2 GF

Fin materials (blank: aluminum, GF: golden fins) / Materiales de las aletas (en blanco: aluminio, GF: aletas doradas)

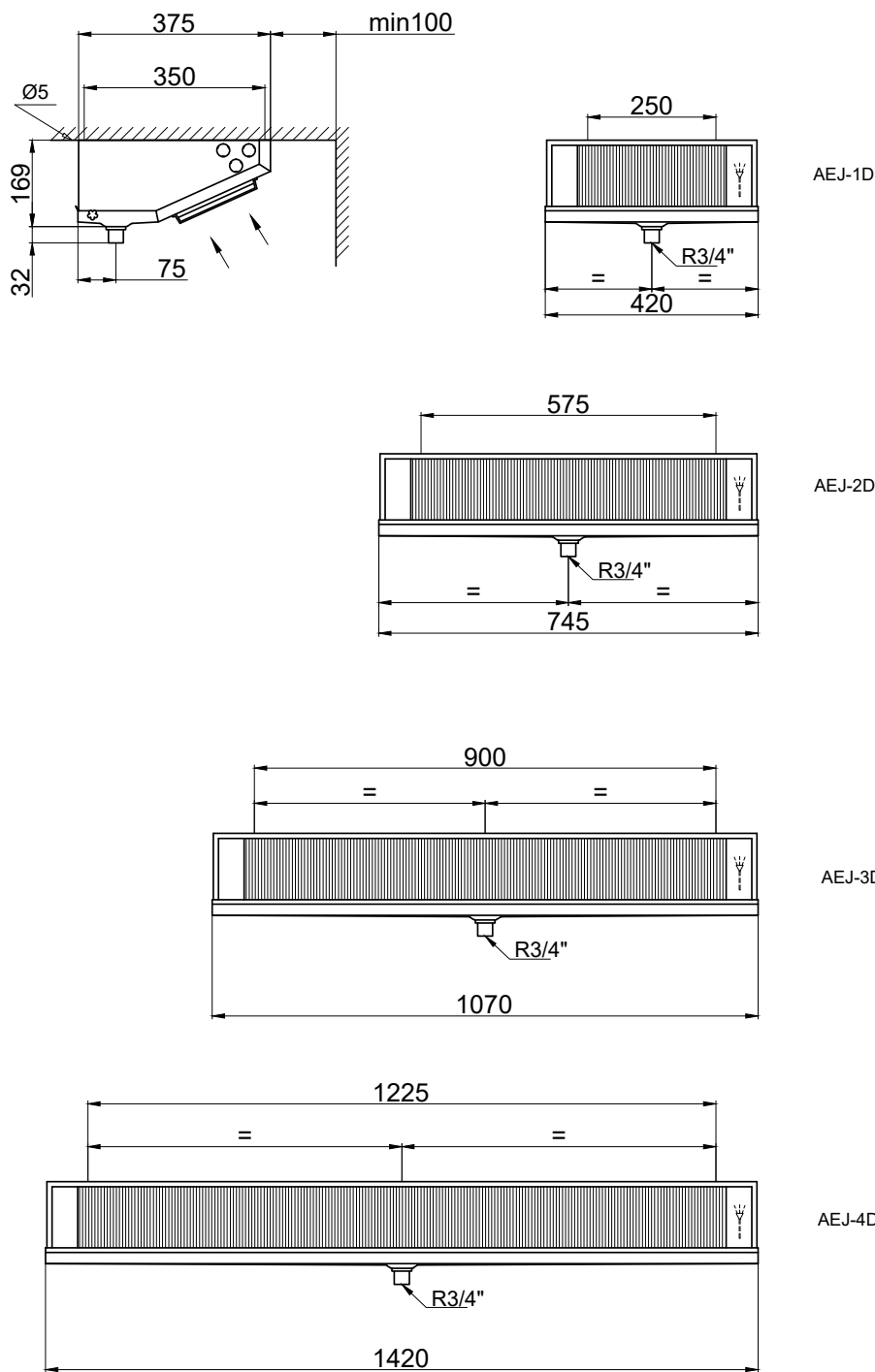
Casing materials (blank: aluminum, 2: stainless steel) / Materiales de la carcasa (en blanco: aluminio, 2: acero inoxidable)

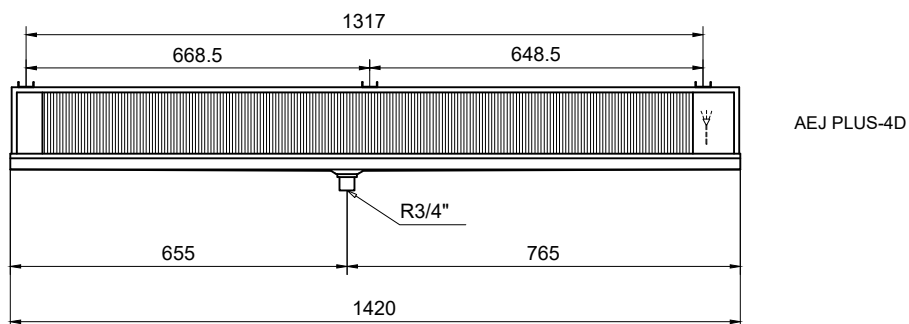
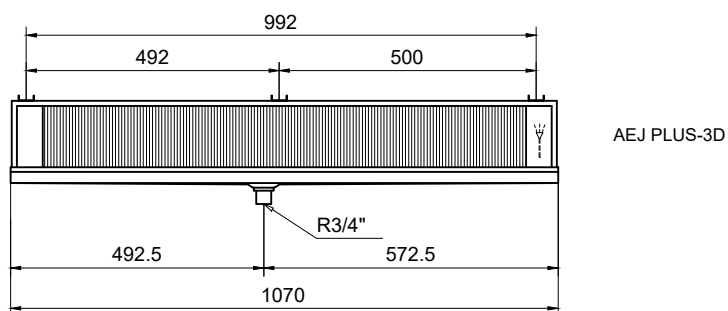
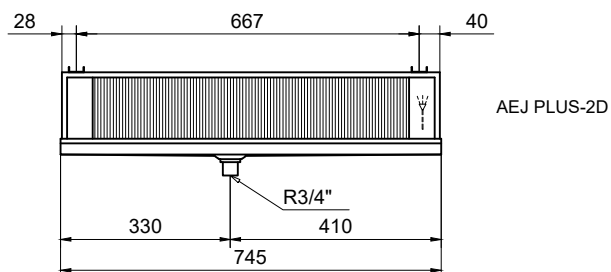
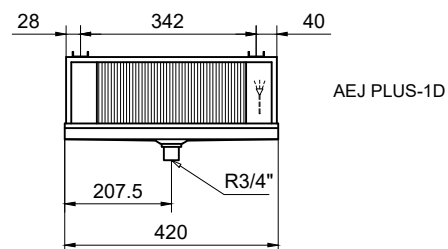
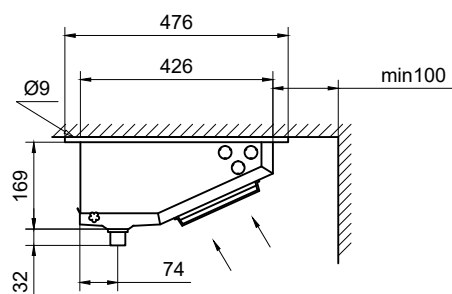
Tube materials (blank: copper, 1: stainless steel) / Materiales del tubo (en blanco: cobre, 1: acero inoxidable)

Defrost system (blank: air, D: electric, HG: hot gas, W: water, HGD: hot gas & electric, WD: water & electric) / Sistema de descongelación (en blanco: aire, D: eléctrico, HG: gas caliente, W: agua, HGD: gas caliente y eléctrico, WD: agua y electricidad)

Fan number / Número de ventiladores

Series / Serie





FIN SPACING 3.2/6.4 mm, with electrical defrost. Rt&gt;=-10°C

SEPARACIÓN ALETAS 3.2/6.4 mm, con desescarche eléctrico. Rt&gt;=-10°C

| Modelo / Model | Capacidad / Capacity<br>R455A/R454C<br>(kw) |          | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|----------------|---------------------------------------------|----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                | te= 0°C                                     | te= -8°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                | DTI=10K                                     | DTI=8K   |                                 |                                                 |                             |                                   |                    |
| AEJ-1D         | 1.09                                        | 0.73     | 2.9                             | 0.6                                             | 5                           | 1/2"                              | 3/8"               |
| AEJ-2D         | 2.18                                        | 1.43     | 5.7                             | 1.2                                             | 9                           | 1/2"                              | 1/2"               |
| AEJ-3D         | 3.32                                        | 2.23     | 8.6                             | 1.8                                             | 12                          | 1/2"                              | 1/2"               |
| AEJ-4D         | 4.42                                        | 2.95     | 11.5                            | 2.5                                             | 16                          | 1/2"                              | 1/2"               |

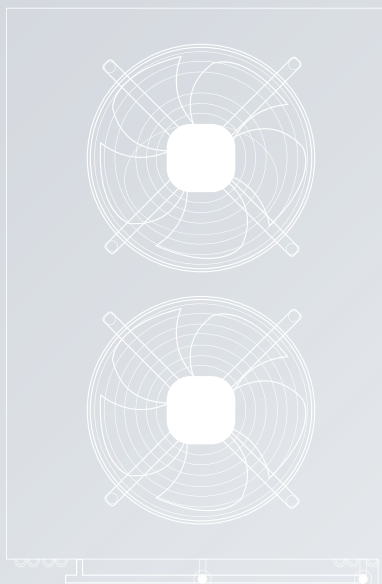
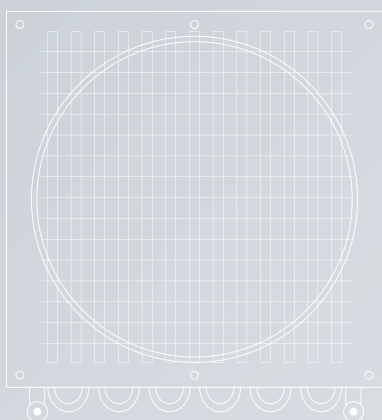
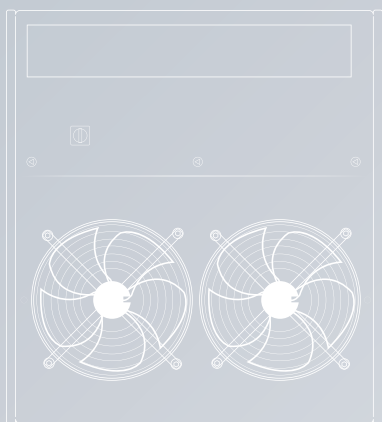
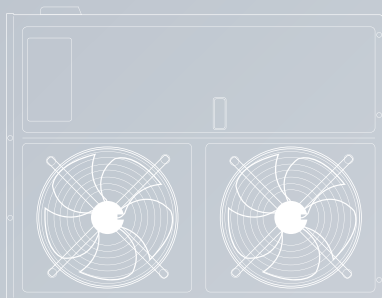
| Modelo / Model | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                         |
|----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------|
|                | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Total /<br>Total<br>(W) |
| AEJ-1D         | 200                                        | 1  | 1 ~ 230                           | 38                         | 0.2                            | 455                                      | 5                          | 2 × 165                                   | 330                     |
| AEJ-2D         | 200                                        | 2  | 1 ~ 230                           | 76                         | 0.4                            | 910                                      | 6                          | 2 × 310                                   | 620                     |
| AEJ-3D         | 200                                        | 3  | 1 ~ 230                           | 114                        | 0.6                            | 1365                                     | 7                          | 2 × 450                                   | 900                     |
| AEJ-4D         | 200                                        | 4  | 1 ~ 230                           | 152                        | 0.8                            | 1820                                     | 9                          | 2 × 590                                   | 1180                    |

**FIN SPACING 4.5/9 mm, with electrical defrost. Rt>=-25°C**

**SEPARACIÓN ALETAS 4.5/9 mm, con desescarche eléctrico. Rt>=-25°C**

| Modelo / Model | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|----------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |
| AEJ Plus-1D    | 0.81                                        | 0.54      | 2.1                             | 0.6                                             | 5                           | 1/2"                              | 3/8"               |
| AEJ Plus-2D    | 1.6                                         | 1.13      | 4.2                             | 1.2                                             | 9                           | 1/2"                              | 1/2"               |
| AEJ Plus-3D    | 2.48                                        | 1.7       | 6.4                             | 1.8                                             | 13                          | 1/2"                              | 1/2"               |
| AEJ Plus-4D    | 3.27                                        | 2.28      | 8.5                             | 2.5                                             | 18                          | 1/2"                              | 1/2"               |

| Modelo / Model | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                         |
|----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------|
|                | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Total /<br>Total<br>(W) |
| AEJ Plus-1D    | 254                                        | 1  | 1 ~ 230                           | 73                         | 0.5                            | 768                                      | 12                         | 2 × 165                                   | 330                     |
| AEJ Plus-2D    | 254                                        | 2  | 1 ~ 230                           | 146                        | 1                              | 1537                                     | 14                         | 2 × 310                                   | 620                     |
| AEJ Plus-3D    | 254                                        | 3  | 1 ~ 230                           | 219                        | 1.5                            | 2304                                     | 17                         | 2 × 450                                   | 900                     |
| AEJ Plus-4D    | 254                                        | 4  | 1 ~ 230                           | 292                        | 2                              | 3072                                     | 21                         | 2 × 590                                   | 1180                    |



## AVAILABLE OPTIONS FOR AEJ & AEJ PLUS SERIES



### Defrost options:

- Air
- Electrical defrost



### Tube material options:

- Copper
- Stainless steel AISI SUS304



### Coil protection options:

- Aluminium fins
- Fins with GOLDFIN anti-corrosion high resistance coating



### Fan options:

- EC Fans



### Casing options:

- White powder-coated painted aluminium
- Stainless steel AISI SUS304



### Other options:

- Thermal protector for defrosting electrical heaters

## OPCIONES DISPONIBLES PARA LA SERIE AEJ & AEJ PLUS



### Opciones de desescarche:

- Aire
- Desescarche eléctrico



### Tube material options:

- Cobre
- Acero inoxidable AISI SUS304



### Coil protection options:

- Aleta de aluminio
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia



### Fan options:

- Ventiladores EC



### Casing options:

- Aluminio pintado al polvo blanco
- acero inoxidable AISI SUS304



### Other options:

- Protector térmico para resistencias de desescarche



# AED SERIES EVAPORATOR

EVAPORADORES SERIE AED

## DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS EVAPORADORES TIPO TECHO

The AED range of compact-ceiling air type evaporators has been designed for use in low/medium height cold rooms for the preservation of fresh and frozen products and processing rooms as well.

### The exchange coils used in the AED range are highly

The exchange coils used in the AED range are built with geometries of recognized high efficiency, with special profile aluminum fins and ø9.52 mm (AED 25XX) or ø12 mm (AED 35XX) internally grooved high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

01

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

02

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

03

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

04

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.

## AED SERIES EVAPORATOR EVAPORADORES SERIE AED

La gama de evaporadores tipo techo AED ha sido diseñada para su uso en cámaras frigoríficas de poca/media altura para conservación de productos frescos y congelados, así como salas de trabajo.

### Los baterías de intercambio utilizadas en la gama AED son

Los serpentines de intercambio utilizados en la gama de AED están contruidos con geometrias de reconocida alta eficiencia, con aletas de aluminio de perfil especial y tubos de cobre de alta calidad ranurados internamente de ø9.52 mm (AED 25XX) o ø12 mm (AED 35XX), con un coeficiente de transferencia de heat alto. Se suministran limpios y probados bajo una presión de 30 bares.

01

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

02

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

03

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

04

Para rendimientos en puntos de trabajo distintos a los de este catálogo utilizar el software "Unit Selector Hybrid HISPANIA".



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

# AED 3502 31 4LD S1 2 3

Fin materials (blank: aluminum, 3: stainless steel, GF: golden fins) / Materiales de las aletas (en blanco: aluminio, 3: acero inoxidable, GF: aletas doradas)

Casing materials (blank: aluminum, 2: stainless steel) / Materiales de la carcasa (en blanco: aluminio, 2: acero inoxidable)

Tube materials (blank: copper, 1: stainless steel) / Materiales del tubo (en blanco: cobre, 1: acero inoxidable)

Defrost system (blank: air, D: electric, HG: hot gas, W: water, HGD: hot gas & electric, WD: water & electric) / Sistema de descongelación (en blanco: aire, D: eléctrico, HG: gas caliente, W: agua, HGD: gas caliente y eléctrico, WD: agua y electricidad)

L: Low speed, N: High speed /  
L: Velocidad baja, N: Velocidad alta

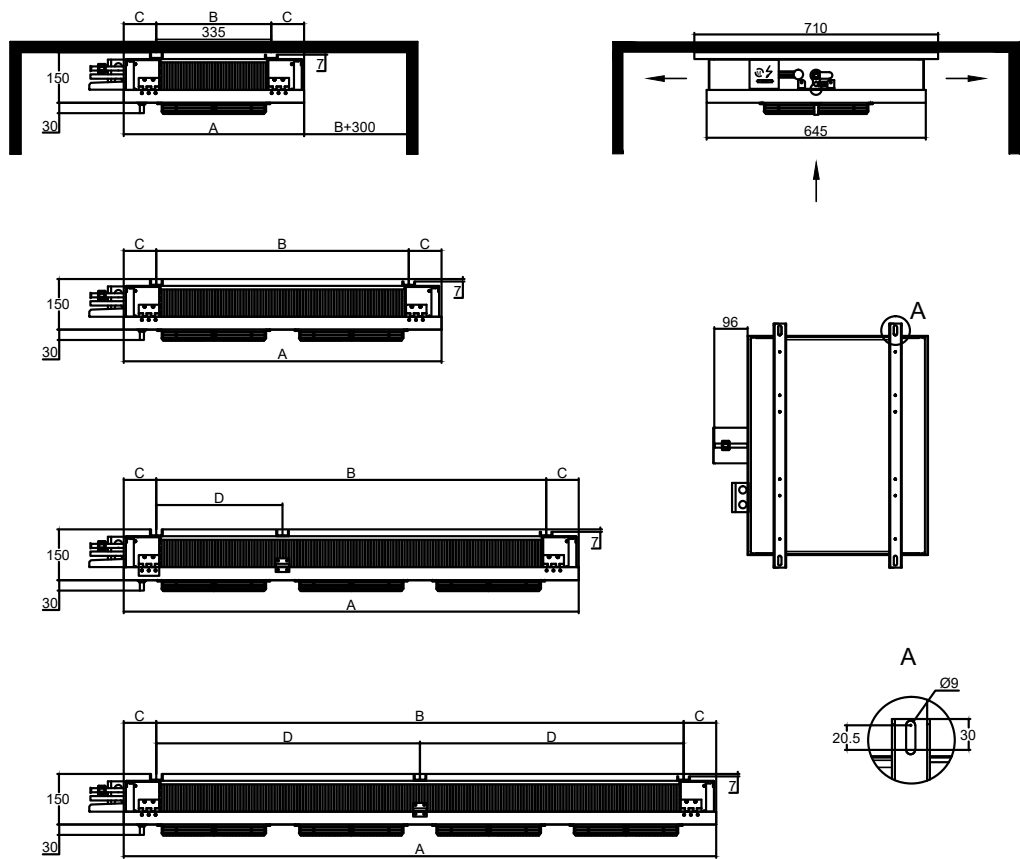
Fin spacing (mm) / Espacio entre aletas (mm)

Surface (m<sup>2</sup>) / Superficie (m<sup>2</sup>)

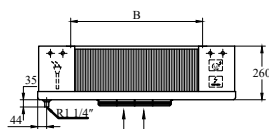
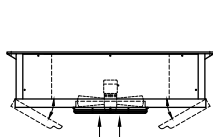
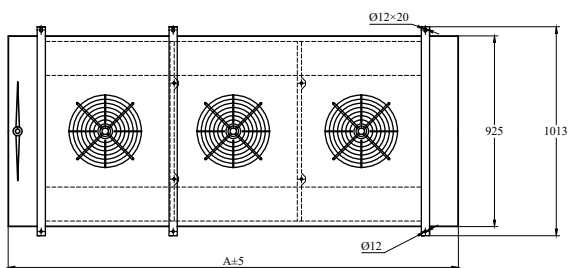
Fan number / Número de ventiladores

Fan ø (mm) / Ventilador ø (mm)

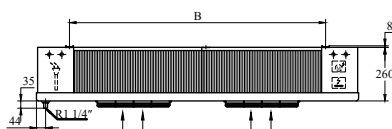
Series / Serie



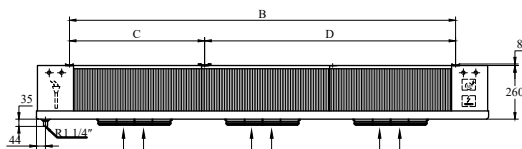
| Model / Model | Dimensions / dimensiones(mm) |      |    |       |
|---------------|------------------------------|------|----|-------|
|               | A                            | B    | C  | D     |
| AED 2501...   | 530                          | 335  | 95 |       |
| AED 2502...   | 930                          | 735  | 95 |       |
| AED 2503...   | 1330                         | 1135 | 95 | 367.5 |
| AED 2504...   | 1730                         | 1535 | 95 | 367.5 |



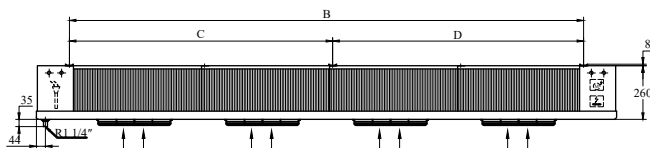
AED/D 3501



AED/D 3502



AED/D 3503



AED/D 3504

| Model / Model | Dimensions / dimensiones(mm) |      |      |      |
|---------------|------------------------------|------|------|------|
|               | A                            | B    | C    | D    |
| AED 3501...   | 963                          | 640  |      |      |
| AED 3502...   | 1565                         | 1242 |      |      |
| AED 3503...   | 2167                         | 1844 | 640  | 1204 |
| AED 3504...   | 2769                         | 2446 | 1242 | 1204 |

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C  
SEPARACIÓN ALETAS 4.5 mm, con desescarche eléctrico. Rt>=0°C

| Modelo / Model   | Capacidad / Capacity<br>R455A/R454C<br>(kw) |          | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|------------------|---------------------------------------------|----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                  | te= 0°C                                     | te= -8°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                  | DTI=10K                                     | DTI=8K   |                                 |                                                 |                             |                                   |                    |
| AED 2501 04 4.5D | 1.81                                        | 1.24     | 3.6                             | 1                                               | 10                          | 12                                | 12                 |
| AED 2502 08 4.5D | 4.05                                        | 2.75     | 8.2                             | 2.2                                             | 18                          | 12                                | 12                 |
| AED 2503 12 4.5D | 6.25                                        | 4.25     | 12.8                            | 3.4                                             | 26                          | 12                                | 19                 |
| AED 2504 16 4.5D | 8.47                                        | 5.75     | 17.4                            | 4.6                                             | 34                          | 12                                | 22                 |

| Modelo / Model   | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                         |
|------------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------|
|                  | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Total /<br>Total<br>(W) |
| AED 2501 04 4.5D | 250                                        | 1  | 1 ~ 230                           | 50                         | 0.2                            | 703                                      | 2 × 2                      | 4 × 180                                   | 720                     |
| AED 2502 08 4.5D | 250                                        | 2  | 1 ~ 230                           | 100                        | 0.4                            | 1526                                     | 2 × 2                      | 4 × 350                                   | 1400                    |
| AED 2503 12 4.5D | 250                                        | 3  | 1 ~ 230                           | 150                        | 0.6                            | 2331                                     | 2 × 3                      | 4 × 520                                   | 2080                    |
| AED 2504 16 4.5D | 250                                        | 4  | 1 ~ 230                           | 200                        | 0.8                            | 3135                                     | 2 × 3                      | 4 × 695                                   | 2780                    |

FIN SPACING 4 mm, with electrical defrost. Rt&gt;=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt&gt;=0°C

| Modelo / Model  | Capacidad / Capacity<br>R455A/R454C<br>(kw) |          | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|-----------------|---------------------------------------------|----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                 | te= 0°C                                     | te= -8°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                 | DTI=10K                                     | DTI=8K   |                                 |                                                 |                             |                                   |                    |
| AED 3501 16 4LD | 4.63                                        | 3.22     | 17                              | 2.9                                             | 30                          | 12                                | 22                 |
| AED 3501 16 4ND | 5.61                                        | 3.89     | 17                              | 2.9                                             | 30                          | 12                                | 22                 |
| AED 3502 31 4LD | 9.41                                        | 6.56     | 34.1                            | 5.7                                             | 50                          | 12                                | 22                 |
| AED 3502 31 4ND | 11.46                                       | 7.96     | 34.1                            | 5.7                                             | 50                          | 12                                | 22                 |
| AED 3503 47 4LD | 14.2                                        | 9.89     | 51.2                            | 8.6                                             | 70                          | 12                                | 28                 |
| AED 3503 47 4ND | 17.32                                       | 12.04    | 51.2                            | 8.6                                             | 70                          | 12                                | 28                 |
| AED 3504 62 4LD | 18.98                                       | 13.22    | 68.3                            | 11.5                                            | 89                          | 15                                | 28                 |
| AED 3504 62 4ND | 23.18                                       | 16.11    | 68.3                            | 11.5                                            | 89                          | 15                                | 28                 |

| Modelo / Model  | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                         |
|-----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------|
|                 | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m³/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Total /<br>Total<br>(W) |
| AED 3501 16 4LD | 350                                        | 1  | 1 ~ 230                           | 120                        | 0.6                            | 1561                                     | 2 × 6                      | 4 × 320                                   | 1280                    |
| AED 3501 16 4ND | 350                                        | 1  | 1 ~ 230                           | 165                        | 0.8                            | 2259                                     | 2 × 9                      | 4 × 320                                   | 1280                    |
| AED 3502 31 4LD | 350                                        | 2  | 1 ~ 230                           | 240                        | 1.2                            | 3124                                     | 2 × 7                      | 4 × 585                                   | 2340                    |
| AED 3502 31 4ND | 350                                        | 2  | 1 ~ 230                           | 330                        | 1.6                            | 4519                                     | 2 × 10                     | 4 × 585                                   | 2340                    |
| AED 3503 47 4LD | 350                                        | 3  | 1 ~ 230                           | 360                        | 1.8                            | 4686                                     | 2 × 8                      | 4 × 850                                   | 3400                    |
| AED 3503 47 4ND | 350                                        | 3  | 1 ~ 230                           | 495                        | 2.4                            | 6780                                     | 2 × 11                     | 4 × 850                                   | 3400                    |
| AED 3504 62 4LD | 350                                        | 4  | 1 ~ 230                           | 480                        | 2.4                            | 6249                                     | 2 × 9                      | 4 × 1050                                  | 4200                    |
| AED 3504 62 4ND | 350                                        | 4  | 1 ~ 230                           | 660                        | 3.2                            | 9041                                     | 2 × 12                     | 4 × 1050                                  | 4200                    |

FIN SPACING 6 mm, with electrical defrost. Rt&gt;=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt&gt;=-18°C

| Modelo / Model  | Capacidad / Capacity<br>R455A/R454C<br>(kw) |           | Superficie /<br>Surface<br>(m²) | Volumen<br>interno /<br>Tube<br>Volume<br>(dm³) | Peso Neto /<br>N.W.<br>(kg) | Conexión /<br>Connection<br>(ømm) |                    |
|-----------------|---------------------------------------------|-----------|---------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------|--------------------|
|                 | te= -8°C                                    | te= -25°C |                                 |                                                 |                             | Entrada /<br>Inlet                | Salida /<br>Outlet |
|                 | DTI=8K                                      | DTI=7K    |                                 |                                                 |                             |                                   |                    |
| AED 3501 11 6LD | 2.79                                        | 1.99      | 11.7                            | 2.9                                             | 29                          | 12                                | 22                 |
| AED 3501 11 6ND | 3.37                                        | 2.35      | 11.7                            | 2.9                                             | 29                          | 12                                | 22                 |
| AED 3502 22 6LD | 5.65                                        | 4.06      | 23.5                            | 5.7                                             | 48                          | 12                                | 22                 |
| AED 3502 22 6ND | 6.86                                        | 4.81      | 23.5                            | 5.7                                             | 48                          | 12                                | 22                 |
| AED 3503 32 6LD | 8.52                                        | 6.14      | 35.2                            | 8.6                                             | 68                          | 15                                | 28                 |
| AED 3503 32 6ND | 10.35                                       | 7.29      | 35.2                            | 8.6                                             | 68                          | 15                                | 28                 |
| AED 3504 43 6LD | 11.38                                       | 8.22      | 47                              | 11.5                                            | 87                          | 15                                | 28                 |
| AED 3504 43 6ND | 13.84                                       | 9.76      | 47                              | 11.5                                            | 87                          | 15                                | 28                 |

| Modelo / Model  | Ventilador con Motor Axial /<br>Axial Fans |    |                                   |                            |                                |                                          |                            | Desescarche Eléctrico<br>Electric Defrost |                         |
|-----------------|--------------------------------------------|----|-----------------------------------|----------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------|-------------------------|
|                 | Diámetro /<br>Diameter<br>(ø mm)           | Nº | Voltaje /<br>Voltage<br>(V, 50Hz) | Potencia /<br>Power<br>(W) | Intensidad /<br>Current<br>(A) | Flujo de<br>aire /<br>Air Flow<br>(m3/h) | Tiro /<br>Air Throw<br>(m) | Aletas /<br>Coil<br>(W)                   | Total /<br>Total<br>(W) |
| AED 3501 11 6LD | 350                                        | 1  | 1 ~ 230                           | 120                        | 0.6                            | 1681                                     | 2 × 6                      | 4 × 320                                   | 1280                    |
| AED 3501 11 6ND | 350                                        | 1  | 1 ~ 230                           | 165                        | 0.8                            | 2408                                     | 2 × 9                      | 4 × 320                                   | 1280                    |
| AED 3502 22 6LD | 350                                        | 2  | 1 ~ 230                           | 240                        | 1.2                            | 3364                                     | 2 × 7                      | 4 × 585                                   | 2340                    |
| AED 3502 22 6ND | 350                                        | 2  | 1 ~ 230                           | 330                        | 1.6                            | 4818                                     | 2 × 10                     | 4 × 585                                   | 2340                    |
| AED 3503 32 6LD | 350                                        | 3  | 1 ~ 230                           | 360                        | 1.8                            | 5047                                     | 2 × 8                      | 4 × 850                                   | 3400                    |
| AED 3503 32 6ND | 350                                        | 3  | 1 ~ 230                           | 495                        | 2.4                            | 7228                                     | 2 × 11                     | 4 × 850                                   | 3400                    |
| AED 3504 43 6LD | 350                                        | 4  | 1 ~ 230                           | 480                        | 2.4                            | 6730                                     | 2 × 9                      | 4 × 1050                                  | 4200                    |
| AED 3504 43 6ND | 350                                        | 4  | 1 ~ 230                           | 660                        | 3.2                            | 9637                                     | 2 × 12                     | 4 × 1050                                  | 4200                    |

## AVAILABLE OPTIONS FOR AED SERIES



### Defrost options:

- Air
- Electrical defrost
- Hot gas
- Water
- Hot gas for coil and electrical for tray
- Water and electrical



### Tube material options:

- Copper
- Stainless steel AISI SUS304



### Coil protection options:

- Aluminium fins
- Fins with GOLDFIN anti-corrosion high resistance coating



### Fan options:

- EC Fans



### Casing options:

- White powder-coated painted aluminium
- Stainless steel AISI SUS304



### Other options:

- Thermal protector for defrosting electrical heaters

## OPCIONES DISPONIBLES PARA LA SERIE AED



### Opciones de desescarche:

- Aire
- Desescarche eléctrico
- Gas caliente
- Agua
- Aas caliente en serpentín y eléctrico en bandeja
- Agua y eléctrico



### Tube material options:

- Cobre
- Acero inoxidable AISI SUS304



### Coil protection options:

- Aleta de aluminio
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia



### Fan options:

- Ventiladores EC



### Casing options:

- Aluminio pintado al polvo blanco
- acero inoxidable AISI SUS304



### Other options:

- Protector térmico para resistencias de desescarche



## Business Scope

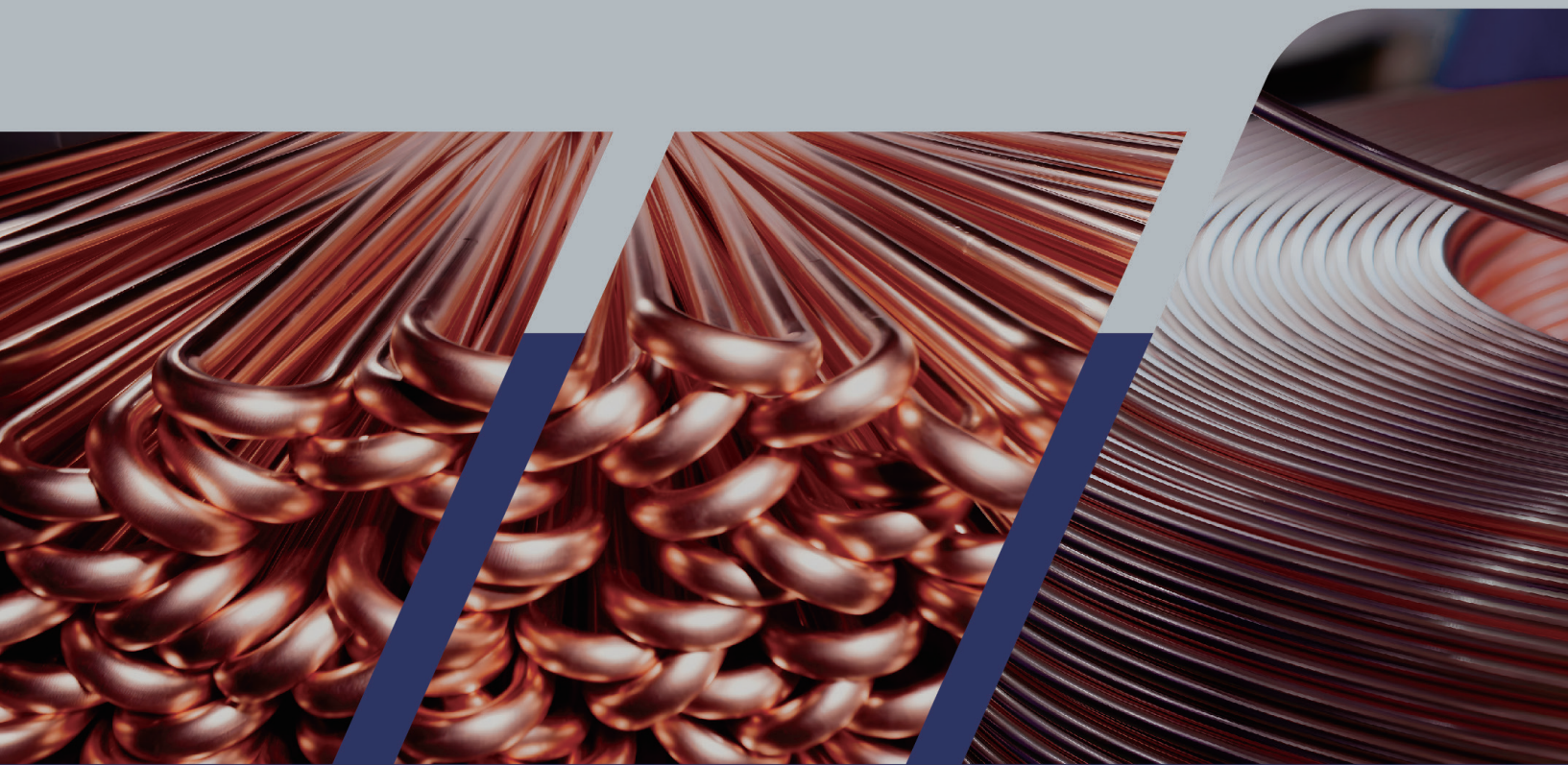
## Ámbito de Negocio



China | Chile | Israel | Spain | Colombia | Australia | Mexico | Thailand | United Kingdom | North Macedonia | New Zealand | Algeria | Ukraine | Malaysia | Poland | Peru | Uruguay | Russia | Hungary | Panama | Bulgaria | India | Ecuador | USA | Yemen | France | Malta | Saudi Arabia | Gabon | El Salvador | Lebanon | Turkey | Dominican Republic | Argentina | Syria | Italy | Venezuela | Singapore | Madagascar | Dubai | Uzbekistan | Costa Rica | Philippines | Honduras | Cyprus | Taiwan, China | Ghana | Jordan | Maldives | Qatar | Belgium

China | Chile | Israel | España | Colombia | Australia | México | Tailandia | Reino Unido | Macedonia del Norte | Nueva Zelanda | Argelia | Ucrania | Malasia | Polonia | Perú | Uruguay | Rusia | Hungría | Panamá | Bulgaria | India | Ecuador | EE.UU | Yemen | Francia | Malta | Arabia Saudita | Gabón | El Salvador | Líbano | Turquía | República Dominicana | Argentina | Siria | Italia | Venezuela | Singapur | Madagascar | Dubái | Uzbekistán | Costa Rica | Filipinas | Honduras | Chipre | Taiwán, China | Ghana | Jordania | Maldivas | Catar | Bélgica





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