**7,6 ÷ 64,0 kW**



## 4 = 4.5 mm Passo alette Fin spacing

| Modello / Type | LS45H | 5100 - 4 | 5102 - 4 | | 5106 - 4 | 5108 - 4 | | |
|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) (•) **TC 2,5 °C** (ΔT1 10K) | kW | 13,2 | 14,9 | | 26,5 | 29,9 | | |
| TC 0 °C (ΔT1 8K) | kW | 9,7 | 11,0 | | 19,5 | 22,0 | | |
| Portata d'aria / Air quantity | $m^3/h$ | 5100 | 4700 | | 10200 | 9400 | | |
| Freccia d'aria / Air throw | m | 25 | 23 | | 30 | 28 | | |
| Superficie / Surface | $m^2$ | 69,5 | 92,7 | | 139,0 | 185,4 | | |
| Assorbimento motori | W | 510 | 510 | | 1020 | 1020 | | |
| Motor power consumption | A | 1,1 | 1,1 | | 2,2 | 2,2 | | |
| Attacchi / Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/35 | | 16/42 | 16/42 | | |
| Peso / Weight | kg | 142 | 156 | | 233 | 259 | | |

## 6 = 6.0 mm Passo alette Fin spacing

| Modello / Type | LS45H | 5200 - 6 | 5202 - 6 | 5204 - 6 | 5206 - 6 | 5208 - 6 | 5210 - 6 | |
|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) (•) **TC 2,5 °C** (ΔT1 10K) | kW | 11,6 | 13,7 | 15,6 | 23,2 | 27,5 | 31,9 | |
| TC 0 °C (ΔT1 8K) | kW | 8,5 | 10,1 | 11,5 | 17,1 | 20,2 | 23,5 | |
| Portata d'aria / Air quantity | $m^3/h$ | 5300 | 5000 | 4500 | 10600 | 10000 | 9000 | |
| Freccia d'aria / Air throw | m | 25 | 24 | 22 | 31 | 30 | 26 | |
| Superficie / Surface | $m^2$ | 52,7 | 70,3 | 105,5 | 105,5 | 140,6 | 210,9 | |
| Assorbimento motori | W | 510 | 510 | 510 | 1020 | 1020 | 1020 | |
| Motor power consumption | A | 1,1 | 1,1 | 1,1 | 2,2 | 2,2 | 2,2 | |
| Attacchi / Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/35 | 16/35 | 16/42 | 16/42 | 28/54 | |
| Peso / Weight | kg | 135 | 145 | 166 | 217 | 238 | 280 | |

## 7 = 7.5 mm Passo alette Fin spacing

| Modello / Type | LS45H | 5300 - 7 | 5302 - 7 | 5304 - 7 | 5306 - 7 | 5308 - 7 | 5310 - 7 | |
|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) (•) **TC 2,5 °C** (ΔT1 10K) | kW | 10,5 | 12,6 | 15,2 | 21,0 | 25,3 | 30,9 | |
| TC 0 °C (ΔT1 8K) | kW | 7,7 | 9,3 | 11,2 | 15,5 | 18,6 | 22,7 | |
| Portata d'aria / Air quantity | $m^3/h$ | 5600 | 5300 | 4800 | 11200 | 10600 | 9600 | |
| Freccia d'aria / Air throw | m | 27 | 26 | 23 | 33 | 31 | 28 | |
| Superficie / Surface | $m^2$ | 42,7 | 56,9 | 85,3 | 85,3 | 113,7 | 170,6 | |
| Assorbimento motori | W | 490 | 490 | 510 | 980 | 980 | 1020 | |
| Motor power consumption | A | 1,0 | 1,0 | 1,1 | 2,0 | 2,0 | 2,2 | |
| Attacchi / Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/35 | 16/35 | 16/42 | 16/42 | 28/54 | |
| Peso / Weight | kg | 130 | 139 | 157 | 208 | 226 | 262 | |

## 10 = 10.0 mm Passo alette Fin spacing

| Modello / Type | LS45H | 5400 - 10 | 5402 - 10 | 5404 - 10 | 5406 - 10 | 5408 - 10 | 5410 - 10 | |
|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) (•) **TC 2,5 °C** (ΔT1 10K) | kW | 8,6 | 10,7 | 13,6 | 17,2 | 21,5 | 27,4 | |
| TC 0 °C (ΔT1 8K) | kW | 6,3 | 7,9 | 10,0 | 12,7 | 15,8 | 20,2 | |
| Portata d'aria / Air quantity | $m^3/h$ | 5700 | 5500 | 5100 | 11400 | 11000 | 10200 | |
| Freccia d'aria / Air throw | m | 28 | 26 | 24 | 34 | 32 | 30 | |
| Superficie / Surface | $m^2$ | 32,6 | 43,5 | 65,1 | 65,1 | 86,9 | 130,2 | |
| Assorbimento motori | W | 490 | 490 | 490 | 980 | 980 | 980 | |
| Motor power consumption | A | 1,0 | 1,0 | 1,0 | 2,0 | 2,0 | 2,0 | |
| Attacchi / Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/35 | 16/35 | 16/42 | 16/42 | 22/54 | |
| Peso / Weight | kg | 126 | 133 | 148 | 199 | 214 | 243 | |

## 12 = 12.0 mm Passo alette Fin spacing

| Modello / Type | LS45H | 5500 - 12 | 5502 - 12 | 5504 - 12 | 5506 - 12 | 5508 - 12 | 5510 - 12 | |
|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) (•) **TC 2,5 °C** (ΔT1 10K) | kW | 7,6 | 9,6 | 12,6 | 15,7 | 19,5 | 25,3 | |
| TC 0 °C (ΔT1 8K) | kW | 5,6 | 7,1 | 9,3 | 11,6 | 14,4 | 18,6 | |
| Portata d'aria / Air quantity | $m^3/h$ | 5900 | 5700 | 5300 | 11800 | 11400 | 10600 | |
| Freccia d'aria / Air throw | m | 28 | 27 | 25 | 34 | 33 | 31 | |
| Superficie / Surface | $m^2$ | 27,5 | 36,7 | 55,1 | 55,1 | 73,4 | 110,1 | |
| Assorbimento motori | W | 490 | 490 | 490 | 980 | 980 | 980 | |
| Motor power consumption | A | 1,0 | 1,0 | 1,0 | 2,0 | 2,0 | 2,0 | |
| Attacchi / Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/35 | 16/35 | 16/35 | 16/42 | 22/54 | |
| Peso / Weight | kg | 123 | 130 | 143 | 195 | 208 | 234 | |

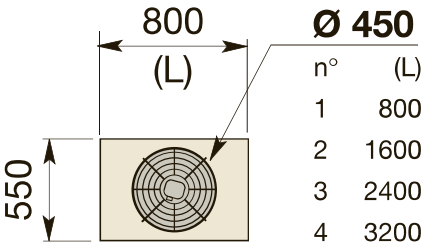
## DATI COMUNI / COMMON DATA

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Elettroventilatori Fans Ø **450** mm **4P** Δ | | n° | 1 o | 1 o | 1 o | 2 oo | 2 oo | 2 oo |
| | **E** 230 V | kW | 5,93 | 8,47 | 11,02 | 10,97 | 15,67 | 20,38 |
| Sbrinamento | **SB** H O (Δp10KPa) | $dm^3/h$ | 2450 | 3100 | 4400 | 4650 | 5900 | 8400 |
| Defrost | **G** 230 V | kW | 0,85 | 0,85 | 0,85 | 1,57 | 1,57 | 1,57 |
| | **G-GB** Attacchi/Connections | Ø mm | 28 | 28 | 28 | 28 | 28 | 28 |
| Volume circuito | Circuit volume | $dm^3$ | 7 | 9 | 14 | 13 | 17 | 26 |
| Dimensioni | Dimensions **E** pag. 86-87 | mm | 915 | 1245 | 1245 | 915 | 1245 | 1245 |

(•) Per altre condizioni vedere diagrammi (•) For other conditions see diagrams

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | TC =10°C ÷ -30 °C |
| | 5112 - 4 | 5114 - 4 | | 5118 - 4 | 5120 - 4 | |
| | 39,8 | 45,0 | | 50,2 | 60,2 | |
| | 29,3 | 33,1 | | 36,9 | 44,3 | |
| | 15300 | 14100 | | 20400 | 18800 | |
| | 34 | 31 | | 36 | 33 | |
| | 208,6 | 278,1 | | 278,1 | 370,8 | |
| | 1530 | 1530 | | 2040 | 2040 | |
| | 3,3 | 3,3 | | 4,4 | 4,4 | |
| | 28/54 | 28/54 | | 28/54 | 28/64 | |
| | 323 | 361 | | 419 | 470 | |
| | | | | | | TC =10°C ÷ -30 °C |
| | 5212 - 6 | 5214 - 6 | 5216 - 6 | 5218 - 6 | 5220 - 6 | 5222 - 6 |
| | 35,0 | 41,1 | 47,9 | 47,1 | 55,3 | 64,0 |
| | 25,8 | 30,2 | 35,3 | 34,7 | 40,7 | 47,1 |
| | 15900 | 15000 | 13500 | 21200 | 20000 | 18000 |
| | 35 | 33 | 29 | 38 | 36 | 32 |
| | 158,2 | 210,9 | 316,4 | 210,9 | 281,2 | 421,9 |
| | 1530 | 1530 | 1530 | 2040 | 2040 | 2040 |
| | 3,3 | 3,3 | 3,3 | 4,4 | 4,4 | 4,4 |
| | 28/54 | 28/64 | 28/64 | 28/54 | 28/64 | 35/76 |
| | 300 | 330 | 393 | 388 | 429 | 512 |
| | | | | | | TC =10°C ÷ -30 °C |
| | 5312 - 7 | 5314 - 7 | 5316 - 7 | 5318 - 7 | 5320 - 7 | 5322 - 7 |
| | 31,4 | 37,6 | 46,3 | 42,8 | 51,2 | 61,8 |
| | 23,1 | 27,7 | 34,1 | 31,5 | 37,7 | 45,5 |
| | 16800 | 15900 | 14400 | 22400 | 21200 | 19200 |
| | 37 | 35 | 31 | 40 | 38 | 34 |
| | 127,9 | 170,6 | 255,9 | 170,6 | 227,5 | 341,2 |
| | 1470 | 1470 | 1530 | 1960 | 1960 | 2040 |
| | 3,0 | 3,0 | 3,3 | 4,0 | 4,0 | 4,4 |
| | 28/54 | 28/54 | 28/64 | 28/54 | 28/64 | 35/76 |
| | 286 | 312 | 366 | 369 | 405 | 475 |
| | | | | | | TC =10°C ÷ -30 °C |
| | 5412 - 10 | 5414 - 10 | 5416 - 10 | 5418 - 10 | 5420 - 10 | 5422 - 10 |
| | 26,4 | 32,0 | 41,3 | 35,5 | 43,5 | 55,2 |
| | 19,4 | 23,6 | 30,4 | 26,1 | 32,0 | 40,6 |
| | 17100 | 16500 | 15300 | 22800 | 22000 | 20400 |
| | 39 | 37 | 33 | 42 | 40 | 36 |
| | 97,7 | 130,2 | 195,4 | 130,2 | 173,7 | 260,6 |
| | 1470 | 1470 | 1470 | 1960 | 1960 | 1960 |
| | 3,0 | 3,0 | 3,0 | 4,0 | 4,0 | 4,0 |
| | 16/42 | 28/54 | 28/64 | 28/54 | 28/64 | 35/76 |
| | 272 | 293 | 338 | 351 | 380 | 438 |
| | | | | | | TC =10°C ÷ -30 °C |
| | 5512 - 12 | 5514 - 12 | 5516 - 12 | 5518 - 12 | 5520 - 12 | 5522 - 12 |
| | 23,5 | 28,8 | 37,7 | 31,3 | 39,0 | 50,8 |
| | 17,3 | 21,2 | 27,7 | 23,0 | 28,7 | 37,4 |
| | 17700 | 17100 | 15900 | 23600 | 22800 | 21200 |
| | 38 | 37 | 34 | 42 | 41 | 37 |
| | 82,6 | 110,1 | 165,2 | 110,1 | 146,9 | 220,2 |
| | 1470 | 1470 | 1470 | 1960 | 1960 | 1960 |
| | 3,0 | 3,0 | 3,0 | 4,0 | 4,0 | 4,0 |
| | 16/42 | 28/54 | 28/54 | 28/54 | 28/64 | 28/64 |
| | 266 | 284 | 324 | 342 | 368 | 420 |
| | | | | | | |
| | 3 000 | 3 000 | 3 000 | 4 0000 | 4 0000 | 4 0000 |
| | 16,01 | 22,87 | 29,74 | 21,05 | 30,07 | 39,10 |
| | 6850 | 8700 | 12400 | 9050 | 11500 | 16400 |
| | 2,29 | 2,29 | 2,29 | 3,01 | 3,01 | 3,01 |
| | 42 | 42 | 42 | 42 | 42 | 42 |
| | 19 | 25 | 38 | 26 | 34 | 51 |
| | 915 | 1245 | 1245 | 915 | 1245 | 1245 |

Moduli / Modules




Moduli scambiatori di calore, numero e diametro ventilatori.
Per le dimensioni degli aeroevaporatori vedere pagina 86.

Heat exchanger modules, number and diameter of fans.
For unit cooler dimensions see page 86.

## 10,5 ÷ 91,4 kW



### 4 = 4.5 mm Passo alette Fin spacing

| Modello | Type | LS50H | 5600 - 4 | 5602 - 4 | | 5606 - 4 | 5608 - 4 | | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **18,5** | **21,3** | | **37,2** | **42,7** | | |
| | TC 0 °C (ΔT1 8K) | kW | 13,6 | 15,7 | | 27,4 | 31,4 | | |
| Portata d'aria | Air quantity | $m^3/h$ | 7200 | 6800 | | 14400 | 13600 | | |
| Freccia d'aria | Air throw | m | 31 | 29 | | 38 | 35 | | |
| Superficie | Surface | $m^2$ | 97,4 | 129,8 | | 194,7 | 259,6 | | |
| Assorbimento motori | | W | 730 | 730 | | 1460 | 1460 | | |
| Motor power consumption | | A | 1,4 | 1,4 | | 2,8 | 2,8 | | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/42 | | 28/54 | 28/54 | | |
| Peso | Weight | kg | 175 | 193 | | 286 | 323 | | |

### 6 = 6.0 mm Passo alette Fin spacing

| Modello | Type | LS50H | 5700 - 6 | 5702 - 6 | 5704 - 6 | 5706 - 6 | 5708 - 6 | 5710 - 6 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **16,1** | **19,2** | **22,6** | **32,4** | **38,6** | **45,6** | |
| | TC 0 °C (ΔT1 8K) | kW | 11,8 | 14,1 | 16,6 | 23,8 | 28,4 | 33,6 | |
| Portata d'aria | Air quantity | $m^3/h$ | 7500 | 7100 | 6500 | 15000 | 14200 | 13000 | |
| Freccia d'aria | Air throw | m | 32 | 31 | 28 | 40 | 37 | 34 | |
| Superficie | Surface | $m^2$ | 73,8 | 98,5 | 147,6 | 147,6 | 196,8 | 295,2 | |
| Assorbimento motori | | W | 700 | 730 | 730 | 1400 | 1460 | 1460 | |
| Motor power consumption | | A | 1,4 | 1,4 | 1,4 | 2,8 | 2,8 | 2,8 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/42 | 28/54 | 28/54 | 28/54 | 28/64 | |
| Peso | Weight | kg | 164 | 179 | 208 | 265 | 294 | 352 | |

### 7 = 7.5 mm Passo alette Fin spacing

| Modello | Type | LS50H | 5800 - 7 | 5802 - 7 | 5804 - 7 | 5806 - 7 | 5808 - 7 | 5810 - 7 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **14,5** | **17,7** | **21,4** | **29,0** | **35,6** | **43,5** | |
| | TC 0 °C (ΔT1 8K) | kW | 10,7 | 13,0 | 15,8 | 21,3 | 26,2 | 32,0 | |
| Portata d'aria | Air quantity | $m^3/h$ | 7700 | 7400 | 6900 | 15400 | 14800 | 13800 | |
| Freccia d'aria | Air throw | m | 34 | 31 | 29 | 41 | 38 | 36 | |
| Superficie | Surface | $m^2$ | 59,7 | 79,6 | 119,5 | 119,5 | 159,2 | 238,8 | |
| Assorbimento motori | | W | 700 | 700 | 730 | 1400 | 1400 | 1460 | |
| Motor power consumption | | A | 1,4 | 1,4 | 1,4 | 2,8 | 2,8 | 2,8 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/42 | 28/54 | 28/54 | 28/54 | 28/64 | |
| Peso | Weight | kg | 158 | 170 | 195 | 252 | 277 | 327 | |

### 10 = 10.0 mm Passo alette Fin spacing

| Modello | Type | LS50H | 5900 - 10 | 5902 - 10 | 5904 - 10 | 5906 - 10 | 5908 - 10 | 5910 - 10 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **11,9** | **14,8** | **19,1** | **23,8** | **30,0** | **38,5** | |
| | TC 0 °C (ΔT1 8K) | kW | 8,8 | 10,9 | 14,1 | 17,5 | 22,1 | 28,3 | |
| Portata d'aria | Air quantity | $m^3/h$ | 7900 | 7700 | 7300 | 15800 | 15400 | 14600 | |
| Freccia d'aria | Air throw | m | 34 | 33 | 31 | 42 | 41 | 38 | |
| Superficie | Surface | $m^2$ | 45,5 | 60,8 | 91,2 | 91,2 | 121,6 | 182,4 | |
| Assorbimento motori | | W | 700 | 700 | 730 | 1400 | 1400 | 1460 | |
| Motor power consumption | | A | 1,4 | 1,4 | 1,4 | 2,8 | 2,8 | 2,8 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/42 | 22/54 | 28/54 | 28/54 | 28/64 | |
| Peso | Weight | kg | 151 | 162 | 182 | 239 | 260 | 301 | |

### 12 = 12.0 mm Passo alette Fin spacing

| Modello | Type | LS50H | 6000 - 12 | 6002 - 12 | 6004 - 12 | 6006 - 12 | 6008 - 12 | 6010 - 12 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **10,5** | **13,3** | **17,5** | **21,2** | **27,0** | **35,4** | |
| | TC 0 °C (ΔT1 8K) | kW | 7,7 | 9,8 | 12,9 | 15,6 | 19,9 | 26,1 | |
| Portata d'aria | Air quantity | $m^3/h$ | 8000 | 7800 | 7500 | 16000 | 15600 | 15000 | |
| Freccia d'aria | Air throw | m | 34 | 33 | 31 | 42 | 41 | 39 | |
| Superficie | Surface | $m^2$ | 38,5 | 51,4 | 77,1 | 77,1 | 102,7 | 154,1 | |
| Assorbimento motori | | W | 700 | 700 | 700 | 1400 | 1400 | 1400 | |
| Motor power consumption | | A | 1,4 | 1,4 | 1,4 | 2,8 | 2,8 | 2,8 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/35 | 16/42 | 22/54 | 28/54 | 28/54 | 28/64 | |
| Peso | Weight | kg | 148 | 157 | 176 | 233 | 251 | 288 | |

### DATI COMUNI / COMMON DATA

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Elettroventilatori Fans Ø **500** mm **4P** Δ | | n° | 1 o | 1 o | 1 o | 2 oo | 2 oo | 2 oo |
| | **E** 230 V | kW | 7,63 | 10,17 | 13,56 | 14,11 | 18,81 | 25,08 |
| Sbrinamento | **SB** H O (Δp10KPa) | $dm^3/h$ | 2450 | 3100 | 4400 | 4650 | 5900 | 8400 |
| Defrost | **G** 230 V | kW | 0,85 | 0,85 | 0,85 | 1,57 | 1,57 | 1,57 |
| | **G-GB** Attacchi/Connections | Ø mm | 28 | 28 | 28 | 28 | 28 | 28 |
| Volume circuito | Circuit volume | $dm^3$ | 10 | 13 | 20 | 19 | 25 | 37 |
| Dimensioni | Dimensions **E** pag. 86-87 | mm | 915 | 1245 | 1245 | 915 | 1245 | 1245 |

(•) Per altre condizioni vedere diagrammi (•) For other conditions see diagrams

STEEL PROTECTED

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 5612 - 4 | 5614 - 4 | | 5618 - 4 | 5620 - 4 | |
| | 55,8 | 64,0 | | 70,8 | 85,6 | |
| | 41,1 | 47,1 | | 52,1 | 63,0 | |
| | 21600 | 20400 | | 28800 | 27200 | |
| | 42 | 40 | | 46 | 43 | |
| | 292,1 | 389,3 | | 389,3 | 519,1 | |
| | 2190 | 2190 | | 2920 | 2920 | |
| | 4,2 | 4,2 | | 5,6 | 5,6 | |
| | 28/64 | 35/76 | | 35/89 | 35/76 | |
| | 398 | 451 | | 496 | 568 | |

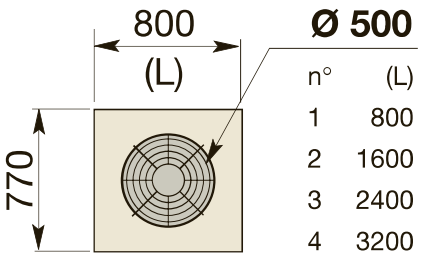
| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 5712 - 6 | 5714 - 6 | 5716 - 6 | 5718 - 6 | 5720 - 6 | 5722 - 6 |
| | 48,7 | 57,7 | 68,3 | 66,0 | 78,0 | 91,4 |
| | 35,8 | 42,5 | 50,3 | 48,6 | 57,4 | 67,3 |
| | 22500 | 21300 | 19500 | 30000 | 28400 | 26000 |
| | 44 | 42 | 38 | 48 | 46 | 41 |
| | 221,4 | 295,2 | 442,9 | 295,2 | 393,7 | 590,5 |
| | 2100 | 2190 | 2190 | 2800 | 2920 | 2920 |
| | 4,2 | 4,2 | 4,2 | 5,6 | 5,6 | 5,6 |
| | 28/64 | 35/76 | 35/76 | 28/64 | 35/76 | 35/89 |
| | 366 | 408 | 496 | 453 | 511 | 627 |

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 5812 - 7 | 5814 - 7 | 5816 - 7 | 5818 - 7 | 5820 - 7 | 5822 - 7 |
| | 43,7 | 52,0 | 65,5 | 59,5 | 71,8 | 87,7 |
| | 32,2 | 38,3 | 48,2 | 43,8 | 52,8 | 64,5 |
| | 23100 | 22200 | 20700 | 30800 | 29600 | 27600 |
| | 46 | 43 | 40 | 50 | 47 | 44 |
| | 179,1 | 238,8 | 358,3 | 238,8 | 318,5 | 477,6 |
| | 2100 | 2100 | 2190 | 2800 | 2800 | 2920 |
| | 4,2 | 4,2 | 4,2 | 5,6 | 5,6 | 5,6 |
| | 28/64 | 28/54 | 35/76 | 28/64 | 35/76 | 35/89 |
| | 346 | 382 | 458 | 428 | 477 | 576 |

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 5912 - 10 | 5914 - 10 | 5916 - 10 | 5918 - 10 | 5920 - 10 | 5922 - 10 |
| | 36,7 | 44,0 | 58,0 | 49,0 | 60,5 | 77,5 |
| | 27,0 | 32,4 | 42,7 | 36,1 | 44,5 | 57,0 |
| | 23700 | 23100 | 21900 | 31600 | 30800 | 29200 |
| | 47 | 46 | 43 | 51 | 50 | 46 |
| | 136,7 | 182,4 | 273,6 | 182,4 | 243,2 | 364,8 |
| | 2100 | 2100 | 2190 | 2800 | 2800 | 2920 |
| | 4,2 | 4,2 | 4,2 | 5,6 | 5,6 | 5,6 |
| | 28/54 | 28/54 | 35/76 | 28/64 | 35/76 | 35/89 |
| | 327 | 358 | 419 | 402 | 443 | 524 |

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 6012 - 12 | 6014 - 12 | 6016 - 12 | 6018 - 12 | 6020 - 12 | 6022 - 12 |
| | 32,6 | 39,6 | 53,3 | 43,3 | 54,0 | 71,0 |
| | 24,0 | 29,1 | 39,2 | 31,9 | 39,7 | 52,3 |
| | 24000 | 23400 | 22500 | 32000 | 31200 | 30000 |
| | 47 | 46 | 44 | 51 | 50 | 48 |
| | 115,6 | 154,1 | 231,2 | 154,1 | 205,6 | 308,3 |
| | 2100 | 2100 | 2100 | 2800 | 2800 | 2800 |
| | 4,2 | 4,2 | 4,2 | 5,6 | 5,6 | 5,6 |
| | 28/54 | 28/54 | 35/76 | 28/64 | 35/76 | 35/89 |
| | 318 | 345 | 400 | 389 | 426 | 499 |
| | | | | | | |
| | 3 000 | 3 000 | 3 000 | 4 0000 | 4 0000 | 4 0000 |
| | 20,59 | 27,45 | 36,60 | 27,07 | 36,09 | 48,12 |
| | 6850 | 8700 | 12400 | 9050 | 11500 | 16400 |
| | 2,29 | 2,29 | 2,29 | 3,01 | 3,01 | 3,01 |
| | 42 | 42 | 42 | 42 | 42 | 42 |
| | 28 | 35 | 55 | 36 | 49 | 73 |
| | 915 | 1245 | 1245 | 915 | 1245 | 1245 |

Moduli / Modules




Moduli scambiatori di calore, numero e diametro ventilatori.
Per le dimensioni degli aeroevaporatori vedere pagina 86.

Heat exchanger modules, number and diameter of fans.
For unit cooler dimensions see page 86.

**15,3 ÷ 131,4 kW**



## 4 = 4.5 mm Passo alette Fin spacing

| Modello | Type | LS62H | | 6100 - 4 | 6102 - 4 | | 6106 - 4 | 6108 - 4 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | | 26,3 | 30,6 | | 54,3 | 61,9 | |
| | TC 0 °C (ΔT1 8K) | kW | | 19,4 | 22,6 | | 40,1 | 45,8 | |
| Portata d'aria | Air quantity | $m^3/h$ | | 10400 | 9700 | | 20800 | 19500 | |
| Freccia d'aria | Air throw | m | | 35 | 33 | | 43 | 40 | |
| Superficie | Surface | $m^2$ | | 146,0 | 194,7 | | 292,1 | 389,3 | |
| Assorbimento motori | | W | | 1000 | 1000 | | 2000 | 2000 | |
| Motor power consumption | | A | | 2,0 | 2,0 | | 4,0 | 4,0 | |
| Attacchi | Connections | Ø mm | Entrata-Uscita Inlet-Outlet | 16/42 | 22/42 | | 28/64 | 35/76 | |
| Peso | Weight | kg | | 220 | 247 | | 378 | 430 | |

## 6 = 6.0 mm Passo alette Fin spacing

| Modello | Type | LS62H | | 6200 - 6 | 6202 - 6 | 6204 - 6 | 6206 - 6 | 6208 - 6 | 6210 - 6 |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | | 23,3 | 27,9 | 32,9 | 47,5 | 56,0 | 66,1 |
| | TC 0 °C (ΔT1 8K) | kW | | 17,2 | 20,6 | 24,3 | 35,1 | 41,4 | 48,9 |
| Portata d'aria | Air quantity | $m^3/h$ | | 10800 | 10300 | 9400 | 21600 | 20600 | 18800 |
| Freccia d'aria | Air throw | m | | 37 | 35 | 32 | 44 | 42 | 39 |
| Superficie | Surface | $m^2$ | | 110,8 | 147,6 | 221,4 | 221,4 | 295,2 | 442,9 |
| Assorbimento motori | | W | | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| Motor power consumption | | A | | 2,0 | 2,0 | 2,0 | 4,0 | 4,0 | 4,0 |
| Attacchi | Connections | Ø mm | Entrata-Uscita Inlet-Outlet | 16/42 | 22/42 | 28/54 | 28/64 | 35/76 | 35/76 |
| Peso | Weight | kg | | 203 | 226 | 270 | 345 | 387 | 476 |

## 7 = 7.5 mm Passo alette Fin spacing

| Modello | Type | LS62H | | 6300 - 7 | 6302 - 7 | 6304 - 7 | 6306 - 7 | 6308 - 7 | 6310 - 7 |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | | 21,0 | 25,6 | 31,6 | 42,8 | 50,7 | 63,4 |
| | TC 0 °C (ΔT1 8K) | kW | | 15,5 | 18,9 | 23,3 | 31,6 | 37,5 | 46,9 |
| Portata d'aria | Air quantity | $m^3/h$ | | 11200 | 10700 | 10000 | 22400 | 21500 | 19900 |
| Freccia d'aria | Air throw | m | | 38 | 36 | 34 | 46 | 44 | 41 |
| Superficie | Surface | $m^2$ | | 89,5 | 119,5 | 179,1 | 179,1 | 238,8 | 358,3 |
| Assorbimento motori | | W | | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| Motor power consumption | | A | | 2,0 | 2,0 | 2,0 | 4,0 | 4,0 | 4,0 |
| Attacchi | Connections | Ø mm | Entrata-Uscita Inlet-Outlet | 16/42 | 22/42 | 28/54 | 28/64 | 28/54 | 35/76 |
| Peso | Weight | kg | | 194 | 213 | 251 | 326 | 361 | 437 |

## 10 = 10.0 mm Passo alette Fin spacing

| Modello | Type | LS62H | | 6400 - 10 | 6402 - 10 | 6404 - 10 | 6406 - 10 | 6408 - 10 | 6410 - 10 |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | | 17,3 | 21,6 | 28,2 | 36,1 | 43,1 | 56,5 |
| | TC 0 °C (ΔT1 8K) | kW | | 12,8 | 15,9 | 20,8 | 26,7 | 31,8 | 41,8 |
| Portata d'aria | Air quantity | $m^3/h$ | | 11500 | 11100 | 10500 | 23100 | 22300 | 20900 |
| Freccia d'aria | Air throw | m | | 39 | 38 | 36 | 47 | 46 | 43 |
| Superficie | Surface | $m^2$ | | 68,4 | 91,2 | 136,7 | 136,7 | 182,4 | 273,6 |
| Assorbimento motori | | W | | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| Motor power consumption | | A | | 2,0 | 2,0 | 2,0 | 4,0 | 4,0 | 4,0 |
| Attacchi | Connections | Ø mm | Entrata-Uscita Inlet-Outlet | 16/42 | 16/42 | 28/54 | 28/54 | 28/54 | 35/76 |
| Peso | Weight | kg | | 184 | 200 | 231 | 307 | 336 | 399 |

## 12 = 12.0 mm Passo alette Fin spacing

| Modello | Type | LS62H | | 6500 - 12 | 6502 - 12 | 6504 - 12 | 6506 - 12 | 6508 - 12 | 6510 - 12 |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | | 15,3 | 19,4 | 25,9 | 32,0 | 38,7 | 51,8 |
| | TC 0 °C (ΔT1 8K) | kW | | 11,3 | 14,3 | 19,1 | 23,6 | 28,6 | 38,3 |
| Portata d'aria | Air quantity | $m^3/h$ | | 11700 | 11400 | 10800 | 23500 | 22800 | 21700 |
| Freccia d'aria | Air throw | m | | 40 | 39 | 37 | 48 | 47 | 45 |
| Superficie | Surface | $m^2$ | | 57,9 | 77,1 | 115,6 | 115,6 | 154,1 | 231,2 |
| Assorbimento motori | | W | | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| Motor power consumption | | A | | 2,0 | 2,0 | 2,0 | 4,0 | 4,0 | 4,0 |
| Attacchi | Connections | Ø mm | Entrata-Uscita Inlet-Outlet | 16/42 | 16/42 | 28/54 | 28/54 | 28/54 | 35/76 |
| Peso | Weight | kg | | 179 | 193 | 222 | 297 | 323 | 379 |

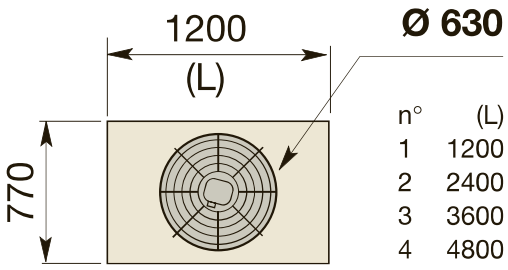
## DATI COMUNI / COMMON DATA

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Elettroventilatori Fans Ø **630** mm **4P** Δ | | | n° | 1 o | 1 o | 1 o | 2 oo | 2 oo | 2 oo |
| | **E** | 230 V | kW | 10,87 | 14,49 | 19,32 | 20,59 | 27,45 | 36,60 |
| Sbrinamento | **SB** | H O (Δp10KPa) | $dm^3/h$ | 3550 | 4500 | 6400 | 6850 | 8700 | 12400 |
| Defrost | **G** | 230 V | kW | 1,21 | 1,21 | 1,21 | 2,29 | 2,29 | 2,29 |
| | **G-GB** | Attacchi/Connections | Ø mm | 28 | 28 | 28 | 42 | 42 | 42 |
| Volume circuito | Circuit volume | | $dm^3$ | 14 | 18 | 28 | 28 | 35 | 54 |
| Dimensioni | Dimensions | **E** pag. 86-87 | mm | 990 | 1320 | 1320 | 990 | 1320 | 1320 |

(•) Per altre condizioni vedere diagrammi (•) For other conditions see diagrams

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | TC =10°C ÷ -30 °C | |
| | 6112 - 4 | 6114 - 4 | | 6118 - 4 | 6120 - 4 | |
| | 78,8 | 90,0 | | 108,5 | 123,0 | |
| | 58,3 | 66,6 | | 80,2 | 91,0 | |
| | 31100 | 29200 | | 41500 | 39000 | |
| | 48 | 45 | | 52 | 49 | |
| | 438,0 | 584,0 | | 584,0 | 778,7 | |
| | 3000 | 3000 | | 4000 | 4000 | |
| | 6,0 | 6,0 | | 8,0 | 8,0 | |
| | 35/89 | 35/89 | | 35/89 | 35/89 | |
| | 550 | 631 | | 691 | 799 | |
| | | | | | TC =10°C ÷ -30 °C | |
| | 6212 - 6 | 6214 - 6 | 6216 - 6 | 6218 - 6 | 6220 - 6 | 6222 - 6 |
| | 68,7 | 84,5 | 99,1 | 95,0 | 111,4 | 131,4 |
| | 50,8 | 62,5 | 73,3 | 70,3 | 82,4 | 97,2 |
| | 32400 | 30900 | 28200 | 43200 | 41100 | 37600 |
| | 50 | 47 | 43 | 54 | 51 | 47 |
| | 332,2 | 442,9 | 664,3 | 442,9 | 590,5 | 885,8 |
| | 3000 | 3000 | 3000 | 4000 | 4000 | 4000 |
| | 6,0 | 6,0 | 6,0 | 8,0 | 8,0 | 8,0 |
| | 35/89 | 35/76 | 35/89 | 35/89 | 35/89 | 35/89 |
| | 502 | 567 | 697 | 627 | 713 | 887 |
| | | | | | TC =10°C ÷ -30 °C | |
| | 6312 - 7 | 6314 - 7 | 6316 - 7 | 6318 - 7 | 6320 - 7 | 6322 - 7 |
| | 65,0 | 78,1 | 95,1 | 85,4 | 103,8 | 126,2 |
| | 48,1 | 57,7 | 70,3 | 63,2 | 76,8 | 93,3 |
| | 33600 | 32200 | 29900 | 44900 | 43000 | 39800 |
| | 52 | 49 | 46 | 56 | 54 | 50 |
| | 268,6 | 358,3 | 537,4 | 358,3 | 477,6 | 716,4 |
| | 3000 | 3000 | 3000 | 4000 | 4000 | 4000 |
| | 6,0 | 6,0 | 6,0 | 8,0 | 8,0 | 8,0 |
| | 28/64 | 35/76 | 35/89 | 35/89 | 35/89 | 35/89 |
| | 473 | 528 | 639 | 589 | 662 | 810 |
| | | | | | TC =10°C ÷ -30 °C | |
| | 6412 - 10 | 6414 - 10 | 6416 - 10 | 6418 - 10 | 6420 - 10 | 6422 - 10 |
| | 54,1 | 66,4 | 84,6 | 70,3 | 88,2 | 111,7 |
| | 40,0 | 49,1 | 62,6 | 52,0 | 65,2 | 82,6 |
| | 34600 | 33400 | 31400 | 46100 | 44600 | 41900 |
| | 53 | 51 | 48 | 57 | 56 | 52 |
| | 205,2 | 273,6 | 410,3 | 273,6 | 364,8 | 547,1 |
| | 3000 | 3000 | 3000 | 4000 | 4000 | 4000 |
| | 6,0 | 6,0 | 6,0 | 8,0 | 8,0 | 8,0 |
| | 28/64 | 35/76 | 35/89 | 35/89 | 35/89 | 35/89 |
| | 444 | 490 | 582 | 550 | 611 | 733 |
| | | | | | TC =10°C ÷ -30 °C | |
| | 6512 - 12 | 6514 - 12 | 6516 - 12 | 6518 - 12 | 6520 - 12 | 6522 - 12 |
| | 48,0 | 59,7 | 77,8 | 62,0 | 79,1 | 103,1 |
| | 35,5 | 44,1 | 57,5 | 45,8 | 58,5 | 76,2 |
| | 35200 | 34300 | 32500 | 46900 | 45700 | 43300 |
| | 54 | 53 | 50 | 58 | 57 | 54 |
| | 173,5 | 231,2 | 346,8 | 231,2 | 308,3 | 462,4 |
| | 3000 | 3000 | 3000 | 4000 | 4000 | 4000 |
| | 6,0 | 6,0 | 6,0 | 8,0 | 8,0 | 8,0 |
| | 28/64 | 35/76 | 35/89 | 35/89 | 35/89 | 35/89 |
| | 430 | 471 | 553 | 531 | 585 | 695 |
| | | | | | | |
| | 3 000 | 3 000 | 3 000 | 4 0000 | 4 0000 | 4 0000 |
| | 30,31 | 40,41 | 53,88 | 40,03 | 53,37 | 71,16 |
| | 10150 | 12900 | 18400 | 13450 | 17100 | 24400 |
| | 3,37 | 3,37 | 3,37 | 4,45 | 4,45 | 4,45 |
| | 42 | 42 | 42 | 54 | 54 | 54 |
| | 41 | 54 | 81 | 55 | 72 | 107 |
| | 990 | 1320 | 1320 | 990 | 1320 | 1320 |

Moduli / Modules




Moduli scambiatori di calore, numero e diametro ventilatori.
Per le dimensioni degli aeroevaporatori vedere pagina 86.

Heat exchanger modules, number and diameter of fans.
For unit cooler dimensions see page 86.

**23,9 ÷ 204,6 kW**



## 4 = 4.5 mm Passo alette Fin spacing

| Modello | Type | LS71H | 8100 - 4 | 8102 - 4 | | 8106 - 4 | 8108 - 4 | | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | 39,7 | 47,2 | | 81,4 | 94,5 | | |
| | TC 0 °C (ΔT1 8K) | kW | 29,2 | 34,7 | | 59,9 | 69,6 | | |
| Portata d'aria | Air quantity | $m^3/h$ | 17500 | 16500 | | 35000 | 33000 | | |
| Freccia d'aria | Air throw | m | 52 | 49 | | 64 | 60 | | |
| Superficie | Surface | $m^2$ | 187,7 | 250,3 | | 375,4 | 500,6 | | |
| Assorbimento motori | | W | 2370 | 2460 | | 4740 | 4920 | | |
| Motor power consumption | | A | 4,3 | 4,5 | | 8,7 | 9,0 | | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | | 35/76 | 35/76 | | |
| Peso | Weight | kg | 316 | 352 | | 515 | 585 | 5210 - 6 | |

## 6 = 6.0 mm Passo alette Fin spacing

| Modello | Type | LS71H | 8200 - 6 | 8202 - 6 | 8204 - 6 | 8206 - 6 | 8208 - 6 | 8210 - 6 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | 34,4 | 42,2 | 50,9 | 70,6 | 84,3 | 102,2 | |
| | TC 0 °C (ΔT1 8K) | kW | 25,3 | 31,1 | 37,5 | 52,0 | 62,0 | 75,2 | |
| Portata d'aria | Air quantity | $m^3/h$ | 18100 | 17300 | 15800 | 36200 | 34600 | 31600 | |
| Freccia d'aria | Air throw | m | 54 | 51 | 47 | 67 | 63 | 58 | |
| Superficie | Surface | $m^2$ | 142,3 | 189,9 | 284,7 | 284,7 | 379,6 | 569,5 | |
| Assorbimento motori | | W | 2370 | 2370 | 2460 | 4740 | 4740 | 4920 | |
| Motor power consumption | | A | 4,3 | 4,3 | 4,5 | 8,7 | 8,7 | 9,0 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | 28/54 | 35/76 | 35/76 | 35/76 | |
| Peso | Weight | kg | 295 | 324 | 380 | 473 | 529 | 641 | |

## 7 = 7.5 mm Passo alette Fin spacing

| Modello | Type | LS71H | 8300 - 7 | 8302 - 7 | 8304 - 7 | 8306 - 7 | 8308 - 7 | 8310 - 7 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | 31,1 | 38,8 | 48,8 | 63,8 | 77,5 | 97,9 | |
| | TC 0 °C (ΔT1 8K) | kW | 22,9 | 28,6 | 35,9 | 47,0 | 57,0 | 72,1 | |
| Portata d'aria | Air quantity | $m^3/h$ | 18800 | 18000 | 16800 | 37600 | 36000 | 33600 | |
| Freccia d'aria | Air throw | m | 56 | 54 | 50 | 69 | 66 | 61 | |
| Superficie | Surface | $m^2$ | 115,2 | 153,6 | 230,3 | 230,3 | 307,0 | 460,6 | |
| Assorbimento motori | | W | 2280 | 2370 | 2460 | 4560 | 4740 | 4920 | |
| Motor power consumption | | A | 4,3 | 4,3 | 4,5 | 8,6 | 8,7 | 9,0 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | 28/54 | 35/76 | 35/76 | 35/76 | |
| Peso | Weight | kg | 283 | 307 | 355 | 449 | 496 | 592 | |

## 10 = 10.0 mm Passo alette Fin spacing

| Modello | Type | LS71H | 8400 - 10 | 8402 - 10 | 8404 - 10 | 8406 - 10 | 8408 - 10 | 8410 - 10 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | 26,6 | 33,1 | 42,9 | 53,3 | 66,1 | 86,0 | |
| | TC 0 °C (ΔT1 8K) | kW | 19,6 | 24,4 | 31,6 | 39,2 | 48,6 | 63,3 | |
| Portata d'aria | Air quantity | $m^3/h$ | 19200 | 18600 | 17500 | 38400 | 37200 | 35000 | |
| Freccia d'aria | Air throw | m | 58 | 56 | 52 | 70 | 68 | 64 | |
| Superficie | Surface | $m^2$ | 74,4 | 99,1 | 148,6 | 148,6 | 198,2 | 297,3 | |
| Assorbimento motori | | W | 2220 | 2280 | 2370 | 4440 | 4560 | 4740 | |
| Motor power consumption | | A | 4,3 | 4,3 | 4,3 | 8,6 | 8,6 | 8,7 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/42 | 22/54 | 28/54 | 28/54 | 28/64 | 35/76 | |
| Peso | Weight | kg | 271 | 291 | 331 | 424 | 463 | 542 | |

## 12 = 12.0 mm Passo alette Fin spacing

| Modello | Type | LS71H | 8500 - 12 | 8502 - 12 | 8504 - 12 | 8506 - 12 | 8508 - 12 | 8510 - 12 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | 23,9 | 30,0 | 39,5 | 47,9 | 59,9 | 79,2 | |
| | TC 0 °C (ΔT1 8K) | kW | 17,6 | 22,1 | 29,1 | 35,3 | 44,1 | 58,3 | |
| Portata d'aria | Air quantity | $m^3/h$ | 19500 | 19000 | 18000 | 39000 | 38000 | 36000 | |
| Freccia d'aria | Air throw | m | 59 | 57 | 53 | 71 | 69 | 66 | |
| Superficie | Surface | $m^2$ | 74,4 | 99,1 | 148,6 | 148,6 | 198,2 | 297,3 | |
| Assorbimento motori | | W | 2220 | 2280 | 2370 | 4440 | 4560 | 4740 | |
| Motor power consumption | | A | 4,3 | 4,3 | 4,3 | 8,6 | 8,6 | 8,7 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 16/42 | 22/54 | 28/54 | 28/54 | 28/64 | 35/76 | |
| Peso | Weight | kg | 265 | 283 | 318 | 411 | 447 | 517 | |

## DATI COMUNI / COMMON DATA

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Elettroventilatori Fans | Ø **710** mm **4P** Δ | n° | 1 o | 1 o | 1 o | 2 oo | 2 oo | 2 oo | |
| | **E** 230 V | kW | 15,70 | 20,53 | 27,77 | 29,74 | 38,89 | 52,61 | |
| Sbrinamento | **SB** H O (Δp10KPa) | $dm^3/h$ | 3550 | 4500 | 6400 | 6850 | 8700 | 12400 | |
| Defrost | **G** 230 V | kW | 1,21 | 1,21 | 1,21 | 2,29 | 2,29 | 2,29 | |
| | **G-GB** Attacchi/Connections | Ø mm | 28 | 28 | 28 | 42 | 42 | 42 | |
| Volume circuito | Circuit volume | $dm^3$ | 18 | 25 | 36 | 35 | 47 | 71 | |
| Dimensioni | Dimensions **E** pag. 86-87 | mm | 990 | 1320 | 1320 | 990 | 1320 | 1320 | |

(•) Per altre condizioni vedere diagrammi (•) For other conditions see diagrams

STEEL PROTECTED

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 8112 - 4 | 8114 - 4 | | 8118 - 4 | 8120 - 4 | |
| | 117,3 | 137,7 | | 161,0 | 188,9 | |
| | 86,3 | 101,3 | | 118,5 | 139,0 | |
| | 52500 | 49500 | | 70000 | 66000 | |
| | 71 | 67 | | 77 | 72 | |
| | 563,1 | 750,9 | | 750,9 | 1001,1 | |
| | 7110 | 7380 | | 9480 | 9840 | |
| | 13,0 | 13,5 | | 17,4 | 18,0 | |
| | 35/89 | 35/108 | | 35/89 | 35/108 | |
| | 729 | 833 | | 927 | 1.066 | |

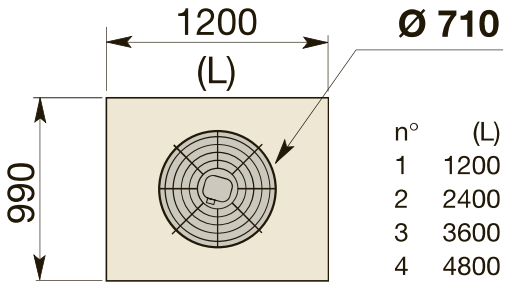
| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 8212 - 6 | 8214 - 6 | 8216 - 6 | 8218 - 6 | 8220 - 6 | 8222 - 6 |
| | 101,4 | 122,2 | 153,0 | 140,0 | 168,5 | 204,6 |
| | 74,6 | 89,9 | 112,6 | 103,0 | 124,0 | 150,6 |
| | 54300 | 51900 | 47400 | 72400 | 69200 | 63200 |
| | 74 | 70 | 65 | 80 | 76 | 70 |
| | 427,1 | 569,5 | 854,2 | 569,5 | 759,2 | 1138,8 |
| | 7110 | 7110 | 7380 | 9480 | 9480 | 9840 |
| | 13,0 | 13,0 | 13,5 | 17,4 | 17,4 | 18,0 |
| | 35/89 | 35/108 | 35/89 | 35/89 | 35/108 | 35/108 |
| | 667 | 751 | 918 | 845 | 956 | 1.179 |

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 8312 - 7 | 8314 - 7 | 8316 - 7 | 8318 - 7 | 8320 - 7 | 8322 - 7 |
| | 91,6 | 116,9 | 146,6 | 126,8 | 156,1 | 196,0 |
| | 67,4 | 86,0 | 107,9 | 93,3 | 114,9 | 144,3 |
| | 56400 | 54000 | 50400 | 75200 | 72000 | 67200 |
| | 76 | 73 | 68 | 83 | 80 | 73 |
| | 345,4 | 460,6 | 690,9 | 460,6 | 614,1 | 921,1 |
| | 6840 | 7110 | 7380 | 9120 | 9480 | 9840 |
| | 12,9 | 13,0 | 13,5 | 17,2 | 17,4 | 18,0 |
| | 35/89 | 35/76 | 35/89 | 35/89 | 35/89 | 35/108 |
| | 630 | 701 | 844 | 795 | 890 | 1.080 |

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 8412 - 10 | 8414 - 10 | 8416 - 10 | 8418 - 10 | 8420 - 10 | 8422 - 10 |
| | 80,3 | 99,1 | 128,8 | 104,2 | 132,3 | 172,0 |
| | 59,1 | 72,9 | 94,8 | 76,7 | 97,4 | 126,6 |
| | 57600 | 55800 | 52500 | 76800 | 74400 | 70000 |
| | 78 | 76 | 71 | 85 | 82 | 77 |
| | 223,0 | 297,3 | 445,9 | 297,3 | 396,4 | 594,6 |
| | 6660 | 6840 | 7110 | 8880 | 9120 | 9480 |
| | 12,9 | 12,9 | 13,0 | 17,2 | 17,2 | 17,4 |
| | 35/76 | 35/76 | 35/89 | 35/89 | 35/89 | 35/108 |
| | 593 | 652 | 770 | 746 | 824 | 981 |

| TC =10°C ÷ -30 °C | | | | | | |
|---|---|---|---|---|---|---|
| | 8512 - 12 | 8514 - 12 | 8516 - 12 | 8518 - 12 | 8520 - 12 | 8522 - 12 |
| | 72,1 | 89,8 | 118,6 | 93,2 | 119,8 | 158,4 |
| | 53,1 | 66,1 | 87,3 | 68,6 | 88,2 | 116,6 |
| | 58500 | 57000 | 54000 | 78000 | 76000 | 72000 |
| | 79 | 77 | 73 | 86 | 84 | 79 |
| | 223,0 | 297,3 | 445,9 | 297,3 | 396,4 | 594,6 |
| | 6660 | 6840 | 7110 | 8880 | 9120 | 9480 |
| | 12,9 | 12,9 | 13,0 | 17,2 | 17,2 | 17,4 |
| | 35/76 | 35/76 | 35/89 | 35/89 | 35/89 | 35/108 |
| | 574 | 627 | 732 | 721 | 791 | 931 |
| | | | | | | |
| | 3 000 | 3 000 | 3 000 | 4 0000 | 4 0000 | 4 0000 |
| | 43,78 | 57,25 | 77,45 | 57,82 | 75,61 | 102,29 |
| | 10150 | 12900 | 18400 | 13450 | 17100 | 24400 |
| | 3,37 | 3,37 | 3,37 | 4,45 | 4,45 | 4,45 |
| | 42 | 42 | 42 | 54 | 54 | 54 |
| | 54 | 70 | 105 | 71 | 93 | 140 |
| | 990 | 1320 | 1320 | 990 | 1320 | 1320 |

Moduli / Modules




Moduli scambiatori di calore, numero e diametro ventilatori.
Per le dimensioni degli aeroevaporatori vedere pagina 87.

Heat exchanger modules, number and diameter of fans.
For unit cooler dimensions see page 87.

## 26,4 ÷ 216,3 kW



### 4 = 4.5 mm Passo alette Fin spacing

| Modello | Type | LS80H | 7600 - 4 | 7602 - 4 | | 7606 - 4 | 7608 - 4 | | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **43,7** | **50,3** | | **90,0** | **102,7** | | |
| | TC 0 °C (ΔT1 8K) | kW | 32,2 | 37,2 | | 66,6 | 76,0 | | |
| Portata d'aria | Air quantity | $m^3/h$ | 18200 | 16800 | | 36400 | 33700 | | |
| Freccia d'aria | Air throw | m | 48 | 45 | | 59 | 55 | | |
| Superficie | Surface | $m^2$ | 229,5 | 305,9 | | 458,8 | 611,8 | | |
| Assorbimento motori | | W | 1680 | 1750 | | 3360 | 3500 | | |
| Motor power consumption | | A | 3,7 | 3,7 | | 7,4 | 7,4 | | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/64 | 28/54 | | 35/76 | 35/89 | | |
| Peso | Weight | kg | 362 | 404 | | 601 | 685 | 5210 - 6 | |

### 6 = 6.0 mm Passo alette Fin spacing

| Modello | Type | LS80H | 7700 - 6 | 7702 - 6 | 7704 - 6 | 7706 - 6 | 7708 - 6 | 7710 - 6 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **39,5** | **45,9** | **54,3** | **79,0** | **93,1** | **109,0** | |
| | TC 0 °C (ΔT1 8K) | kW | 29,2 | 33,9 | 40,1 | 58,4 | 68,8 | 80,6 | |
| Portata d'aria | Air quantity | $m^3/h$ | 19200 | 17900 | 16000 | 38300 | 35900 | 31900 | |
| Freccia d'aria | Air throw | m | 51 | 48 | 43 | 62 | 58 | 52 | |
| Superficie | Surface | $m^2$ | 174,0 | 232,0 | 348,0 | 348,0 | 464,0 | 696,0 | |
| Assorbimento motori | | W | 1680 | 1680 | 1750 | 3360 | 3360 | 3500 | |
| Motor power consumption | | A | 3,7 | 3,7 | 3,7 | 7,4 | 7,4 | 7,4 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | 35/64 | 35/76 | 35/89 | 35/89 | |
| Peso | Weight | kg | 337 | 371 | 440 | 550 | 618 | 755 | |

### 7 = 7.5 mm Passo alette Fin spacing

| Modello | Type | LS80H | 7800 - 7 | 7802 - 7 | 7804 - 7 | 7806 - 7 | 7808 - 7 | 7810 - 7 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **35,9** | **42,6** | **52,4** | **71,5** | **86,1** | **105,7** | |
| | TC 0 °C (ΔT1 8K) | kW | 26,5 | 31,5 | 38,7 | 52,9 | 63,7 | 78,2 | |
| Portata d'aria | Air quantity | $m^3/h$ | 20000 | 19100 | 17200 | 40000 | 38100 | 34500 | |
| Freccia d'aria | Air throw | m | 53 | 51 | 46 | 65 | 62 | 56 | |
| Superficie | Surface | $m^2$ | 140,7 | 187,7 | 281,5 | 281,5 | 375,3 | 563,0 | |
| Assorbimento motori | | W | 1620 | 1680 | 1750 | 3240 | 3360 | 3500 | |
| Motor power consumption | | A | 3,7 | 3,7 | 3,7 | 7,4 | 7,4 | 7,4 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | 35/64 | 35/76 | 35/89 | 35/89 | |
| Peso | Weight | kg | 322 | 350 | 409 | 520 | 577 | 694 | |

### 10 = 10.0 mm Passo alette Fin spacing

| Modello | Type | LS80H | 7900 - 10 | 7902 - 10 | 7904 - 10 | 7906 - 10 | 7908 - 10 | 7910 - 10 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **29,7** | **36,0** | **47,1** | **60,1** | **73,5** | **94,4** | |
| | TC 0 °C (ΔT1 8K) | kW | 21,9 | 26,6 | 34,8 | 44,4 | 54,3 | 69,8 | |
| Portata d'aria | Air quantity | $m^3/h$ | 20600 | 19800 | 18300 | 41200 | 39500 | 36600 | |
| Freccia d'aria | Air throw | m | 55 | 53 | 49 | 67 | 64 | 59 | |
| Superficie | Surface | $m^2$ | 107,5 | 143,3 | 214,9 | 214,9 | 286,6 | 429,9 | |
| Assorbimento motori | | W | 1620 | 1620 | 1680 | 3240 | 3240 | 3360 | |
| Motor power consumption | | A | 3,7 | 3,7 | 3,7 | 7,4 | 7,4 | 7,4 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | 28/64 | 28/64 | 35/76 | 35/89 | |
| Peso | Weight | kg | 307 | 330 | 380 | 489 | 537 | 634 | |

### 12 = 12.0 mm Passo alette Fin spacing

| Modello | Type | LS80H | 8000 - 12 | 8002 - 12 | 8004 - 12 | 8006 - 12 | 8008 - 12 | 8010 - 12 | |
|---|---|---|---|---|---|---|---|---|---|
| Potenza Capacity (R404A) | (•) **TC 2,5 °C** (ΔT1 10K) | kW | **26,4** | **32,4** | **43,6** | **53,8** | **6,3** | **87,3** | |
| | TC 0 °C (ΔT1 8K) | kW | 19,5 | 23,9 | 32,2 | 39,8 | 49,0 | 64,6 | |
| Portata d'aria | Air quantity | $m^3/h$ | 21000 | 20300 | 19100 | 42000 | 40600 | 38200 | |
| Freccia d'aria | Air throw | m | 56 | 54 | 51 | 68 | 66 | 62 | |
| Superficie | Surface | $m^2$ | 90,9 | 121,1 | 181,7 | 181,7 | 242,2 | 363,3 | |
| Assorbimento motori | | W | 1620 | 1620 | 1680 | 3240 | 3240 | 3360 | |
| Motor power consumption | | A | 3,7 | 3,7 | 3,7 | 7,4 | 7,4 | 7,4 | |
| Attacchi | Connections | Ø mm Entrata-Uscita Inlet-Outlet | 28/54 | 28/54 | 28/64 | 28/64 | 35/76 | 35/89 | |
| Peso | Weight | kg | 299 | 320 | 365 | 474 | 517 | 604 | |

### DATI COMUNI / COMMON DATA

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Elettroventilatori Fans | Ø **800** mm **6P** Δ | | n° | 1 o | 1 o | 1 o | 2 oo | 2 oo | 2 oo |
| | **E** | 230 V | kW | 18,11 | 24,15 | 32,60 | 34,31 | 45,75 | 61,76 |
| Sbrinamento | **SB** | H O (Δp10KPa) | $dm^3/h$ | 3550 | 4500 | 6400 | 6850 | 8700 | 12400 |
| Defrost | **G** | 230 V | kW | 1,21 | 1,21 | 1,21 | 2,29 | 2,29 | 2,29 |
| | **G-GB** | Attacchi/Connections | Ø mm | 28 | 28 | 28 | 42 | 42 | 42 |
| Volume circuito | Circuit volume | | $dm^3$ | 23 | 29 | 46 | 44 | 59 | 86 |
| Dimensioni | Dimensions | **E** pag. 86-87 | mm | 1020 | 1350 | 1350 | 1020 | 1350 | 1350 |

(•) Per altre condizioni vedere diagrammi (•) For other conditions see diagrams

STEEL PROTECTED

TC =10°C ÷ -30 °C

| | 7612 - 4 | 7614 - 4 | | 7618 - 4 | 7620 - 4 | |
|---|---|---|---|---|---|---|
| | 130,9 | 149,0 | | 179,9 | 203,4 | |
| | 96,8 | 110,2 | | 133,1 | 150,5 | |
| | 54700 | 50500 | | 72900 | 67300 | |
| | 66 | 61 | | 72 | 66 | |
| | 688,3 | 917,7 | | 917,7 | 1223,6 | |
| | 5040 | 5250 | | 6720 | 7000 | |
| | 11,1 | 11,1 | | 14,8 | 14,8 | |
| | 35/108 | 35/108 | | 35/108 | 35/108 | |
| | 855 | 982 | | 1.091 | 1.259 | |

TC =10°C ÷ -30 °C

| | 7712 - 6 | 7714 - 6 | 7716 - 6 | 7718 - 6 | 7720 - 6 | 7722 - 6 |
|---|---|---|---|---|---|---|
| | 114,2 | 134,5 | 163,6 | 157,9 | 184,7 | 216,3 |
| | 84,5 | 99,5 | 121,0 | 116,8 | 136,6 | 160,0 |
| | 57500 | 53800 | 47900 | 76600 | 71800 | 63800 |
| | 69 | 65 | 58 | 75 | 71 | 63 |
| | 522,0 | 696,0 | 1044,0 | 696,0 | 928,0 | 1391,9 |
| | 5040 | 5040 | 5250 | 6720 | 6720 | 7000 |
| | 11,1 | 11,1 | 11,1 | 14,8 | 14,8 | 14,8 |
| | 35/108 | 35/108 | 35/108 | 35/108 | 35/108 | 35/108 |
| | 779 | 881 | 1.086 | 989 | 1.124 | 1.398 |

TC =10°C ÷ -30 °C

| | 7812 - 7 | 7814 - 7 | 7816 - 7 | 7818 - 7 | 7820 - 7 | 7822 - 7 |
|---|---|---|---|---|---|---|
| | 103,0 | 130,5 | 158,6 | 142,8 | 173,2 | 209,8 |
| | 76,2 | 96,5 | 117,3 | 105,6 | 128,1 | 155,2 |
| | 60000 | 57200 | 51700 | 79900 | 76200 | 68900 |
| | 72 | 69 | 62 | 78 | 75 | 68 |
| | 422,2 | 563,0 | 844,4 | 563,0 | 750,5 | 1125,9 |
| | 4860 | 5040 | 5250 | 6480 | 6720 | 7000 |
| | 11,1 | 11,1 | 11,1 | 14,8 | 14,8 | 14,8 |
| | 35/108 | 35/89 | 35/108 | 35/108 | 35/108 | 35/108 |
| | 734 | 821 | 995 | 929 | 1.043 | 1.277 |

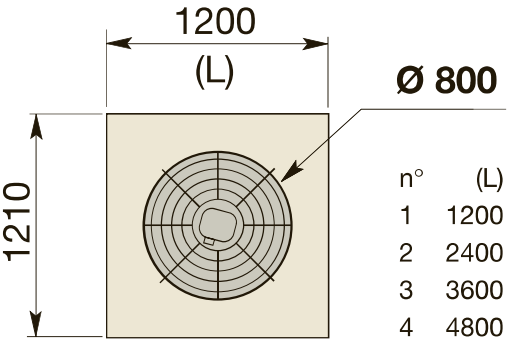
TC =10°C ÷ -30 °C

| | 7912 - 10 | 7914 - 10 | 7916 - 10 | 7918 - 10 | 7920 - 10 | 7922 - 10 |
|---|---|---|---|---|---|---|
| | 90,1 | 111,0 | 141,7 | 117,5 | 147,1 | 187,6 |
| | 66,6 | 82,1 | 104,8 | 86,9 | 108,8 | 138,8 |
| | 61800 | 59300 | 54900 | 82400 | 79100 | 73200 |
| | 75 | 72 | 66 | 81 | 78 | 72 |
| | 322,4 | 429,9 | 644,8 | 429,9 | 573,2 | 859,8 |
| | 4860 | 4860 | 5040 | 6480 | 6480 | 6720 |
| | 11,1 | 11,1 | 11,1 | 14,8 | 14,8 | 14,8 |
| | 35/76 | 35/89 | 35/108 | 35/108 | 35/108 | 35/108 |
| | 688 | 760 | 904 | 868 | 964 | 1.156 |

TC =10°C ÷ -30 °C

| | 8012 - 12 | 8014 - 12 | 8016 - 12 | 8018 - 12 | 8020 - 12 | 8022 - 12 |
|---|---|---|---|---|---|---|
| | 80,6 | 100,2 | 131,0 | 104,5 | 132,8 | 173,6 |
| | 59,6 | 74,1 | 96,9 | 77,3 | 98,2 | 128,4 |
| | 63100 | 60900 | 57300 | 84100 | 81200 | 76400 |
| | 76 | 74 | 69 | 83 | 80 | 75 |
| | 272,6 | 363,3 | 545,1 | 363,3 | 484,4 | 726,8 |
| | 4860 | 4860 | 5040 | 6480 | 6480 | 6720 |
| | 11,1 | 11,1 | 11,1 | 14,8 | 14,8 | 14,8 |
| | 35/76 | 35/89 | 35/108 | 35/108 | 35/108 | 35/108 |
| | 665 | 730 | 859 | 838 | 924 | 1.095 |
| | | | | | | |
| | 3 000 | 3 000 | 3 000 | 4 0000 | 4 0000 | 4 0000 |
| | 50,51 | 67,35 | 90,92 | 66,71 | 88,95 | 120,08 |
| | 10150 | 12900 | 18400 | 13450 | 17100 | 24400 |
| | 3,37 | 3,37 | 3,37 | 4,45 | 4,45 | 4,45 |
| | 42 | 42 | 42 | 54 | 54 | 54 |
| | 65 | 88 | 131 | 90 | 114 | 171 |
| | 1020 | 1350 | 1350 | 1020 | 1350 | 1350 |

Moduli / Modules

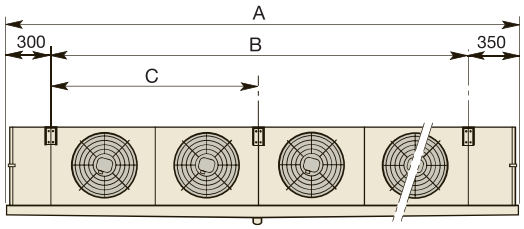


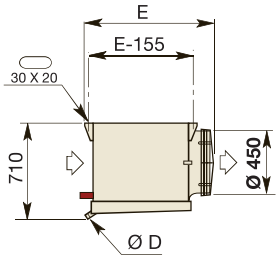

Moduli scambiatori di calore, numero e diametro ventilatori.
Per le dimensioni degli aeroevaporatori vedere pagina 87.

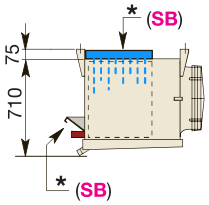
Heat exchanger modules, number and diameter of fans.
For unit cooler dimensions see page 87.

| | | CS45H | | | | LS45H | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Elettroventilatori | | | | Fan motors | | | |
| **Ø 450** mm x n° | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| A | mm | 1450 | 2250 | 3050 | 3850 | 1450 | 2250 | 3050 | 3850 |
| B | mm | 800 | 1600 | 2400 | 3200 | 800 | 1600 | 2400 | 3200 |
| C | mm | - | - | - | 1600 | - | - | - | 1600 |
| D | GAS | 2" | 2" | 2" | 2"(•3") | 2" | 2"(•3") | 2"(•3") | 3" |
| | | (•3") Per / For: E = mm 915 | | | | (•3") Per / For: E = mm 1245 | | | |
| E | mm | Vedere pagina / See page **66-67** | | | | Vedere pagina / See page **76-77** | | | |

* Solo per **SB** (Sbrinamento ad acqua)
* Only for **SB** (Water spray defrost)

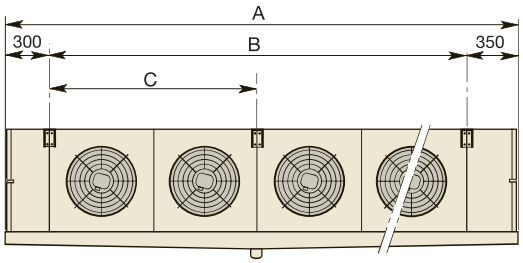


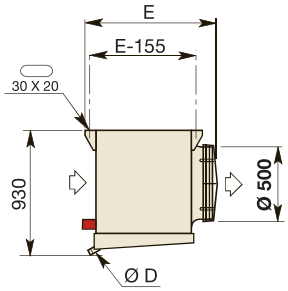



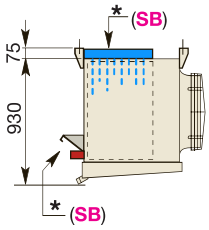




| | | CS50H | | | | LS50H | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Elettroventilatori | | | | Fan motors | | | |
| **Ø 500** mm x n° | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| A | mm | 1450 | 2250 | 3050 | 3850 | 1450 | 2250 | 3050 | 3850 |
| B | mm | 800 | 1600 | 2400 | 3200 | 800 | 1600 | 2400 | 3200 |
| C | mm | - | - | - | 1600 | - | - | - | 1600 |
| D | GAS | 2" | 2" | 2" | 2"(•3") | 2" | 2"(•3") | 2"(•3") | 3" |
| | | (•3") Per / For: E = mm 915 | | | | (•3") Per / For: E = mm 1245 | | | |
| E | mm | Vedere pagina / See page **68-69** | | | | Vedere pagina / See page **78-79** | | | |

* Solo per **SB** (Sbrinamento ad acqua)
* Only for **SB** (Water spray defrost)

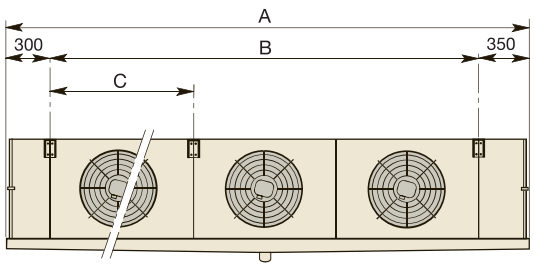


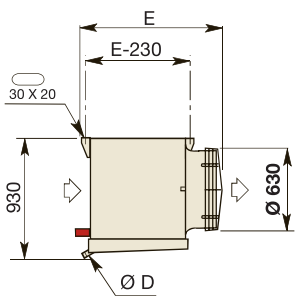



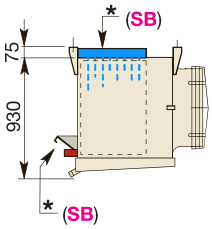




| | | CS62H | | | | LS62H | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Elettroventilatori | | | | Fan motors | | | |
| **Ø 630** mm x n° | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| A | mm | 1850 | 3050 | 4250 | 5450 | 1850 | 3050 | 4250 | 5450 |
| B | mm | 1200 | 2400 | 3600 | 4800 | 1200 | 2400 | 3600 | 4800 |
| C | mm | - | - | 1200 | 2400 | - | - | 1200 | 2400 |
| D | GAS | 2" | 2" | 3" | 3" | 2" | 2"(•3") | 3" | 3" |
| | | | | | | (•3") Per / For: E = mm 1320 | | | |
| E | mm | Vedere pagina / See page **70-71** | | | | Vedere pagina / See page **80-81** | | | |

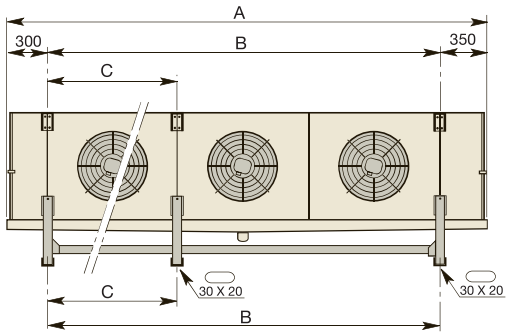
* Solo per **SB** (Sbrinamento ad acqua)
* Only for **SB** (Water spray defrost)

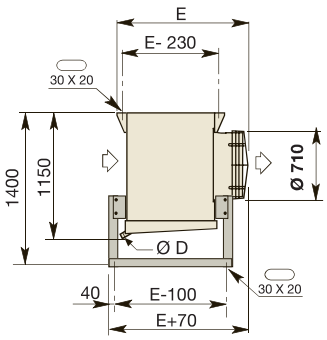


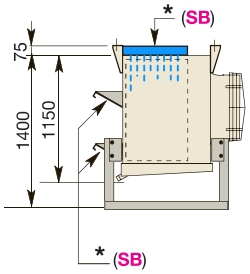



| | | CS71H | | | | LS71H | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Elettroventilatori | | | | Fan motors | | | |
| **Ø 710 (F)** mm x n° | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| A | mm | 1850 | 3050 | 4250 | 5450 | 1850 | 3050 | 4250 | 5450 |
| B | mm | 1200 | 2400 | 3600 | 4800 | 1200 | 2400 | 3600 | 4800 |
| C | mm | - | - | 1200 | 2400 | - | - | 1200 | 2400 |
| D | GAS | 2" | 2" | 3" | 3" | 2" | 2"(•3") | 3" | 3" |
| | | | | | | (•3") Per / For: E = mm 1320 | | | |
| E | mm | Vedere pagina / See page **72-73** | | | | Vedere pagina / See page **82-83** | | | |

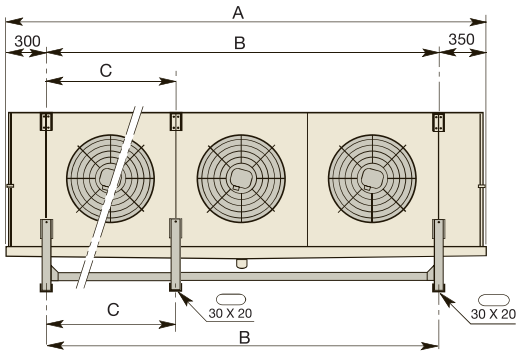


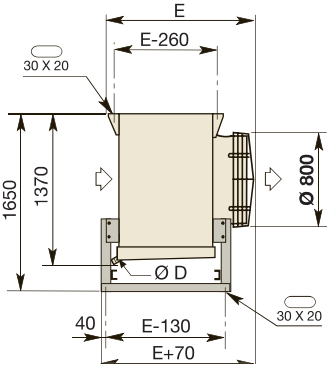




* Solo per **SB** (Sbrinamento ad acqua)
* Only for **SB** (Water spray defrost)

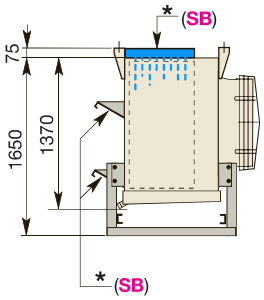



| | | CS80H | | | | LS80H | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Elettroventilatori | | | | Fan motors | | | |
| **Ø 800** mm x n° | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| A | mm | 1850 | 3050 | 4250 | 5450 | 1850 | 3050 | 4213 | 5450 |
| B | mm | 1200 | 2400 | 3600 | 4800 | 1200 | 2400 | 3600 | 4800 |
| C | mm | - | - | 1200 | 2400 | - | - | 1200 | 2400 |
| D | GAS | 2" | 2" | 3" | 3" | 2" | 2"(•3") | 3" | 3" |
| | | | | | | (•3") Per / For: E = mm 1350 | | | |
| E | mm | Vedere pagina / See page **74-75** | | | | Vedere pagina / See page **84-85** | | | |




* Solo per **SB** (Sbrinamento ad acqua)
* Only for **SB** (Water spray defrost)




**Livello potenza sonora - Sound power level - Niveau puissance sonore - Schalleistungspegel**
**Nivel potencia sonora - Уровень шума - Poziom mocy akustycznej**

| Motori / Motors / Moteurs / Motoren / Motores Двигатели / Silniki | | | | n° | 1 | | 2 | | 3 | | 4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collegamento / Connection / Connexion / Anschluß Conexión / Ссылка / Połączenie | | | | | △ | ⅄ | △ | ⅄ | △ | ⅄ | △ | ⅄ |
| **CS45H** | **LS45H** | **dB (A)** | **Tot.** | | 80 | 75 | 83 | 78 | 85 | 80 | 86 | 81 |
| **CS50H** | **LS50H** | **dB (A)** | **Tot.** | | 80 | 75 | 83 | 78 | 85 | 80 | 86 | 81 |
| **CS62H** | **LS62H** | **dB (A)** | **Tot.** | | 85 | 77 | 88 | 80 | 90 | 82 | 91 | 83 |
| **CS71H** | **LS71H** | **dB (A)** | **Tot.** | | 87 | 81 | 90 | 84 | 92 | 86 | 93 | 87 |
| **CS80H** | **LS80H** | **dB (A)** | **Tot.** | | 79 | 73 | 82 | 76 | 84 | 78 | 85 | 79 |

(*) Dati disponibili su richiesta
**Fattori di correzione per collegamento a stella (*).**
**Funzionamento con pressione statica esterna (*).**

(*) Data available on request
**Correction factors for star connection (*).**
**Operation with external static pressure (*).**

(*) Donnée disponibles sur demande
**Facteurs de correction pour connexion étoile (*).**
**Fonctionnement avec pression statique externe (*).**

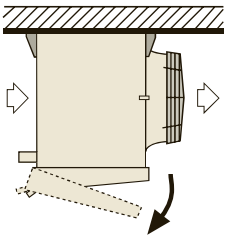
(*) Auf Auftrage verfügbare Daten
**Korrekturfaktor für Sternanschluss (*).**
**Betrieb mit externer statischer Pressung (*).**

(*) Datos disponibles bayo demanda
**Factores de corrección para conexión estrella (*).**
**Funcionamiento con presión estática exterior (*).**

(*) Данные предоставляются по запросу
**Поправочные коэффициенты**
**Работа с внешним статическим давлением (*).**

(*) Dane dostępne na życzenie
**Współczynniki korekcyjne dla połączenia w gwiazdę (*).**
**Praca ze sprężem zewnętrznym (*).**

## CS45H - CS50H - CS62H
## LS45H - LS50H - LS62H

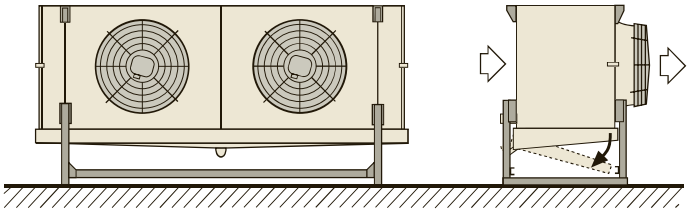


Installazione a soffitto
Ceiling installation
installation au plafond
Deckenmontage
Montaje en techo
Потолочный монтаж
Montaż podsufitowy

## CS71H - CS80H
## LS71H - LS80H

Installazione a soffitto/pavimento
Installation au plafon/sur pieds
Instalación en techo/al suelo
Ceiling/floor installation
Decken-/Bodenmontage

Потолочный/напольный монтаж
Montaż podsufitowy/podłogowy



Gli aeroevaporatori sono forniti con una struttura da usare per il montaggio a soffitto. La stessa struttura è utilizzabile per l'installazione a pavimento.

The coolers are supplied with a frame to be used for celing mounting. The same frame can be used for floor mounting installation.

Les évaporateurs ventilés sont fournis avec une structure à utiliser pour le montage au plafond. la mème structure est utilisable pour l'installation sur pieds.

Die Luftkühler worden mit einer Befestigungsvorrichtung für Deckenmontage geliefert. Dieselbe Vorrichtung kann auch für Bodenmontage verwendet werden.

Los evaporadores se ssuministran con una estructura para utilizar en caso de montaje en techo. La misma estructura se emplea para instalación al suelo.

Охладители оснащены рамой, которая используется для потолочного монтажа. Эта же рама может быть использована для напольного монтажа.

Chłodnice powietrza dostarczane są ze specjalną ramą wykorzystywaną zarówno do montażu pod sufitem jak i do instalacji podłogowej.

## Metodo di scelta dell'aeroevaporatore | Unit cooler model selection | Méthode de sélection de l'évaporateur | Auswahlmethoden für Hochleistungsluftkühler | Método de selección de evaporador | Метод выбора | Dobór chłodnicy powietrza

| Dati di base | Basic data | Données de base | Basis-Daten | Datos básicos | Основные данные | Dane podstawowe |
|---|---|---|---|---|---|---|
| **TC = 0°C** | **UR = 85%** | **ΔT1 = 7 K** | **CT = 53 kW** | | | |
| Freccia d'aria | Air throw | Projection de l'aire | Wurfweite | Dardo de aire | Воздушный поток | Zasięg strumienia powietrza **= 48 m** |
| Fluido refrigerante | Refrigerant fluid | Fluide réfrigérant | Kältemittel | Refrigerante | Хладагент | Czynnik chłodniczy **= R404A** |
| Passo alette | Fin spacing | Pas des ailettes | Lamellenabstand | Paso aletas | Шаг ламелей | Podziałka lamel **= 6,0 mm** |

## Scelta rapida | Quick selection | Sélection rapide | Schnellauswahl | Selección rápida | Мгновенный подбор | Szybki dobór

CT x 1/FC = 53 x 1/0,65 = **81,5 kW**

Selezione / Selection / Sélection / Typenauswahl / Selección / Выбор / Wybór = **CS62H2214E6**

Potenza / Rating / Puissance / Leistung / Potencia / Власть / Moc = **ΔT1 10K = 82,3 kW** (Catalogo / Catalogue / Catalogue / Katalog Catálogo / Каталог/ Katalog)

**ΔT1** = 81,5/82,3 x 7 = **6,9 K**

**TE** = TC - ΔT1 = 0 - 6,9 = **- 6,9 °C**

**Nota**
Un'analoga potenza è ottenibile con differente:
- Modello
- Ø x n° ventilatori
- Portata d'aria
- Freccia d'aria
- Superficie
- Sbrinamento (**E**)
- Dimensioni

**Note**
A similar capacity is obtainable with different:
- Type
- Ø x n° fans
- Air quantity
- Air throw
- Surface
- Defrost (**E**)
- Dimensions

**Note**
On peut obtenir une puissance identique avec différent:
- Modèle
- Ø x n° quantité de moteurs
- Débits d'air
- Portées d'air
- Surfaces
- Dégivrages (**E**)
- Dimensions

**Anmerkung**
Eine analoge Leistung ist erreichbar mit Änderung von:
- Modell
- Ø x n° Motorenanzahl
- Luftdurchsatz
- Wurfweite
- Fläche
- Abtauung (**E**)
- Abmessungen

**Note**
Una potencia similar se obtiene con diferente:
- Modelo
- Ø x n° motores
- Caudal de aire
- Dardo de aire
- Superficie
- Desescarche (**E**)
- Dimensiones

**Внимание**
- Одинаковая мощность получается различными:
- Ø x n° вентиляторы
- Воздушный факел
- Модель
- Объем воздуха
- Поверхность
- Разморозка (**E**)
- Размеры

**Uwagi**
- Podobną wydajność można uzyskać poprzez zmianę:
- Średnicy i liczby wentylatorów
- Zasięgu strumienia powietrza
- Przepływ powietrza
- Powierzchnia
- Rozmrażanie (**E**)
- Wymiary

## Esempio di ordinazione / Exemple de commande / Ordering example / Typenschlüssel / Ejemplo de pedido / Пример заказа / Nomenklatura

| CS | 62 | H | 2214 | E | 6 |
|---|---|---|---|---|---|

**CS** = **C**ompact **S**urface
**LS** = **L**arge **S**urface

**H** = Hitec®

Modello / Type / Modèle / Modell / Modelo / Модель / Model

Ventilatori / Fans / Ventilateurs / Ventilatoren / Ventiladores / Вентиляторы / Wentylatory (Altezza moduli / Height modules / Hauteur modules / Höhe module / Altura modulos / Высота единиц / Wysokość modułów)

| | | |
|---|---|---|
| **45** = Ø 450 mm | (550 mm) |
| **50** = Ø 500 mm | (770 mm) |
| **62** = Ø 630 mm | (770 mm) |
| **71** = Ø 710 mm | (990 mm) |
| **80** = Ø 800 mm | (1250 mm) |

Passo alette / Fin spacing / Pas des ailettes / Lamellenabstand / Paso de aletas / Шаг ламелей / Podziałka lamel

| | |
|---|---|
| **4** = | 4,5 mm |
| **6** = | 6,0 mm |
| **7** = | 7,5 mm |
| **10** = | 10,0 mm |
| **12** = | 12,0 mm |

**N** = Sbrinamento ad aria
**E** = Sbrinamento elettrico
**SB** = Sbrinamento ad acqua
**G** = Sbrinamento a gas caldo per batteria ed elettrico nella bacinella
**GB** = Sbrinamento a gas caldo per batteria e bacinella

**N** = Воздушная разморозка
**E** = Электрическая разморозка
**SB** = Водяная разморозка
**G** = Разморозка горячим газом для теплообменника и электрическая разморозка для дренажного контейнера
**GB** = разморозка горячим газом и для теплообменника и для дренажного контейнера

**N** = Air defrost
**E** = Electric defrost
**SB** = Water spray defrost
**G** = Hot gas defrost for the coil and electr. defrost in the drain tray
**GB** = Hot gas defrost for both coil and drain tray

**N** = Odszranianie powietrzem
**E** = Odszranianie elektryczne
**SB** = Odszranianie wodą
**G** = Odszranianie gorącym gazem w wymienniku i elektryczne w tacy
**GB** = Odszranianie gorącym gazem w wymienniku i tacy

**N** = Dégivrage à air
**E** = Dégivrage électrique
**SB** = Dégivrage à eau
**G** = Dégivrage à gaz chaud pour la batterie et électrique dans l'egouttoire
**GB** = Dégivrage à gaz chaud pour la batterie et l'egouttoire

**N** = Luftabtauung
**E** = Elektrische Abtauung
**SB** = Wasserabtauung
**G** = Heissgasabtauung für die Batterie und elektrische Abtauung in der Tropfschale
**GB** = Heissgasabtauung für die Batterie und Tropfschale

**N** = Desescarche por aire
**E** = Desescarche eléctrico
**SB** = Desescarche por agua
**G** = Desescarche por gas caliente en bateria y eléctrico en bandeja
**GB** = Desescarche por gas caliente en bateria y bandeja