

Tabla de capacidad de refrigeración (100% Relación de conexión)

| Nominal | EW   | LW   | Ta [°C] |      | Ta [°C] |      | Ta [°C] |      | Ta [°C] |      | Ta [°C] |      |
|---------|------|------|---------|------|---------|------|---------|------|---------|------|---------|------|
|         |      |      | 20      |      | 25      |      | 30      |      | 35      |      | 40      |      |
|         | [°C] | [°C] | CC      | PI   | CC      | PI   | CC      | PI   | CC      | PI   | CC      | PI   |
| EMRQ8*  | 12   | 7    | 20,0    | 3,72 | 20,0    | 4,25 | 20,0    | 4,88 | 20,0    | 5,72 | 20,0    | 7,50 |
|         | 15   | 10   | 20,0    | 3,24 | 20,0    | 3,75 | 20,0    | 4,38 | 20,0    | 5,10 | 20,0    | 6,07 |
|         | 18   | 13   | 20,0    | 2,78 | 20,0    | 3,26 | 20,0    | 3,84 | 20,0    | 4,53 | 20,0    | 5,40 |
|         | 21   | 16   | 20,0    | 2,44 | 20,0    | 2,86 | 20,0    | 3,34 | 20,0    | 3,96 | 20,0    | 4,75 |
|         | 23   | 18   | 20,0    | 2,23 | 20,0    | 2,64 | 20,0    | 3,11 | 20,0    | 3,68 | 20,0    | 4,37 |
| EMRQ10* | 12   | 7    | 25,0    | 5,11 | 25,0    | 5,74 | 25,0    | 6,60 | 25,0    | 7,76 | 25,0    | 9,37 |
|         | 15   | 10   | 25,0    | 4,78 | 25,0    | 5,30 | 25,0    | 6,04 | 25,0    | 7,06 | 25,0    | 8,42 |
|         | 18   | 13   | 25,0    | 3,75 | 25,0    | 4,30 | 25,0    | 5,00 | 25,0    | 6,47 | 25,0    | 7,65 |
|         | 21   | 16   | 25,0    | 3,27 | 25,0    | 3,83 | 25,0    | 4,50 | 25,0    | 5,29 | 25,0    | 7,04 |
|         | 23   | 18   | 25,0    | 2,93 | 25,0    | 3,48 | 25,0    | 4,13 | 25,0    | 4,91 | 25,0    | 5,81 |
| EMRQ12* | 12   | 7    | 30,0    | 6,31 | 30,0    | 7,20 | 30,0    | 8,40 | 30,0    | 10,1 | 30,0    | 12,3 |
|         | 15   | 10   | 30,0    | 5,82 | 30,0    | 6,58 | 30,0    | 7,59 | 30,0    | 8,97 | 30,0    | 10,8 |
|         | 18   | 13   | 30,0    | 5,44 | 30,0    | 6,09 | 30,0    | 6,95 | 30,0    | 8,12 | 30,0    | 9,66 |
|         | 21   | 16   | 30,0    | 5,13 | 30,0    | 5,67 | 30,0    | 6,43 | 30,0    | 7,45 | 30,0    | 8,78 |
|         | 23   | 18   | 30,0    | 4,06 | 30,0    | 4,66 | 30,0    | 6,15 | 30,0    | 7,08 | 30,0    | 8,28 |
| EMRQ14* | 12   | 7    | 35,0    | 7,08 | 35,0    | 8,28 | 35,0    | 9,76 | 35,0    | 11,6 | 35,0    | 14,2 |
|         | 15   | 10   | 35,0    | 6,14 | 35,0    | 7,22 | 35,0    | 8,54 | 35,0    | 10,3 | 35,0    | 12,5 |
|         | 18   | 13   | 35,0    | 5,42 | 35,0    | 6,40 | 35,0    | 7,51 | 35,0    | 8,94 | 35,0    | 10,9 |
|         | 21   | 16   | 35,0    | 4,79 | 35,0    | 5,67 | 35,0    | 6,74 | 35,0    | 7,96 | 35,0    | 9,50 |
|         | 23   | 18   | 35,0    | 4,48 | 35,0    | 5,27 | 35,0    | 6,26 | 35,0    | 7,45 | 35,0    | 8,87 |
| EMRQ16* | 12   | 7    | 40,0    | 8,80 | 40,0    | 10,3 | 40,0    | 12,2 | 40,0    | 15,5 | 40,0    | 14,6 |
|         | 15   | 10   | 40,0    | 7,77 | 40,0    | 9,09 | 40,0    | 10,7 | 40,0    | 12,9 | 40,0    | 14,3 |
|         | 18   | 13   | 40,0    | 6,72 | 40,0    | 7,97 | 40,0    | 9,47 | 40,0    | 11,4 | 40,0    | 13,5 |
|         | 21   | 16   | 40,0    | 5,90 | 40,0    | 6,95 | 40,0    | 8,31 | 40,0    | 10,0 | 40,0    | 12,3 |
|         | 23   | 18   | 40,0    | 5,46 | 40,0    | 6,43 | 40,0    | 7,60 | 40,0    | 9,10 | 40,0    | 11,2 |

**Símbolos**

CC Capacidad de refrigeración [kW]

PI Potencia consumida [kW]

LW Temperatura del agua de salida

EW Temperatura del agua de entrada

**Condiciones**

- $\Delta T$ : (Temperatura del agua de entrada - Temperatura del agua de salida) = 5°C
- No se incluye toma de alimentación en la bomba
- Longitud de tubería equivalente = 7,5m