

External Water chiller RACA/E Total Inox



Air cooled chillers for external use

From 30 to 240HP rating, they are build totally on inox, including the tank for water accumulation. Complete of motor-driven pumps for recycle and utilization. Air cooled unit of monobloc type represent, in the modern technological development, the most advanced way of solving all civil and industrial problems concerning the cooling of water and of any other fluids. This serie of machines is suitable particularly to industrial cooling installations to be realized in localities where water is insufficient and where there is the possibility of placing the machine in open air, on terraces or in suitable spaces.

Air cooled chiller units of RACA/E TOTAL INOX series are complete in every parts and require only water and electric connections. A notable feature of the RACA/E TOTAL INOX serie of water cooling units is their high degree of silentness. The compressor is, in fact, suitable dampened and housed in an acoustically insulated chamber, and the fans, with reduced dimensions and a specially designed blade profile, and operating on a low number of revolutions, contribute to guaranteeing an absolutely acceptable noise level.

The fans, a number of which can var, are driven by electric motors foreseen for external positioning. Each motor is suitable electrically protected against overloading, and each one operates independent to the others. The compressors mounted on these machines are the semi and hermetic type, and are used on all models of machines, with two compressors for the groups RACA/E TOTAL INOX from 302 to 1202 and with four compressors from 1404 to 2404.

This series of chiller units can anyway be studied according to real customer's needs as for the capacity and for the capacity and for other characteristics according to the most different applications.

technical details

| Model | Rating* | | Circuits n° | Water flow m ³ /h a 3 bar | Water tank lt. | Overall dimensions | | | Vacum weight Kg | Installed power KW |
|-------------|---------|---------|----------------|--|-------------------|--------------------|--------|-------|--------------------|-----------------------|
| | KW | Kcal/h | | | | length | height | width | | |
| RACA/E 302 | 100 | 86.000 | 2 | 18 | 400 | 2800 | 1700 | 2200 | 2000 | 34 |
| RACA/E 402 | 135 | 115.000 | 2 | 24 | 400 | 3300 | 1700 | 2200 | 2300 | 40 |
| RACA/E 502 | 152 | 130.000 | 2 | 26 | 700 | 3300 | 1700 | 2200 | 2700 | 49 |
| RACA/E 602 | 180 | 155.000 | 2 | 31 | 700 | 3800 | 1700 | 2200 | 3000 | 55 |
| RACA/E 702 | 223 | 190.000 | 2 | 38 | 700 | 3800 | 2200 | 2200 | 3500 | 62 |
| RACA/E 802 | 267 | 230.000 | 2 | 46 | 700 | 3800 | 2200 | 2200 | 3600 | 74 |
| RACA/E 1002 | 325 | 280.000 | 2 | 56 | 1000 | 4200 | 2200 | 2300 | 4200 | 85 |
| RACA/E 1202 | 390 | 335.000 | 2 | 67 | 1000 | 4200 | 2200 | 2300 | 4600 | 106 |
| RACA/E 1404 | 446 | 380.000 | 4 | 76 | 1200 | 5000 | 2200 | 2300 | 5000 | 124 |
| RACA/E 1604 | 534 | 460.000 | 4 | 92 | 1200 | 5000 | 2200 | 2300 | 5500 | 144 |
| RACA/E 2004 | 650 | 560.000 | 4 | 112 | 1200 | 6000 | 2200 | 2300 | 6000 | 175 |
| RACA/E 2404 | 780 | 670.000 | 4 | 134 | 1500 | 6000 | 2200 | 2300 | 6500 | 210 |

* This is valid under the following conditions: Water leaving at + 12°C; ambient temperature at max + 25°C

(Any Specification FRIGOSYSTEM may be subject to change without notice)