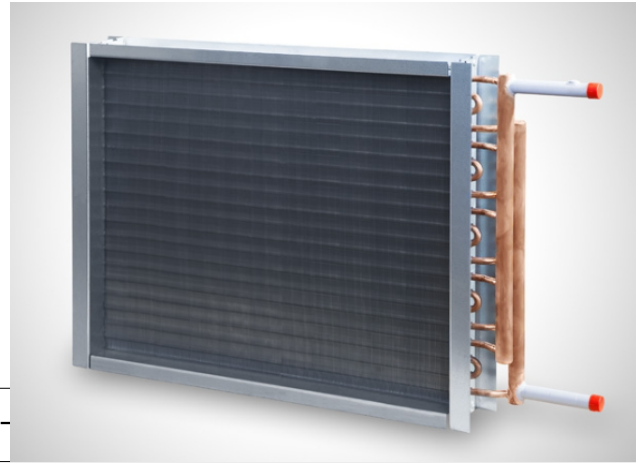




BAC 20 - 20 KW heater
340 x 400 mm



W 3S3 G 03 14 0291 254 007 1 A L -

TECHNICAL DATA :

| | | |
|--------------------------------|--------|-------|
| Total capacity available.....: | [kW] | 23,2 |
| Air flow actual.....: | [m3/h] | 1795 |
| Air flow Standard.....: | [m3/h] | 2000 |
| Dry bulb air inlet.....: | [°C] | -10,0 |
| Dry bulb air outlet.....: | [°C] | 24,7 |
| Air pressure drop.....: | [Pa] | 226 |
| Standard air velocity.....: | [m/s] | 5,5 |

| | | |
|---------------------------------|-----------|--------|
| Fluid.....: | | Water |
| Specific mass.....: | [kg/m3] | 977 |
| Specific heat.....: | [kj/kg.k] | 4,19 |
| Thermal conductivity.....: | [W/m.k] | 0,661 |
| Viscosity.....: | [Pas.sec] | 0,0004 |
| Total fluid pressure drop.....: | [kPa] | 4 |
| Inlet temperature.....: | [°C] | 80,0 |
| Outlet temperature.....: | [°C] | 60,0 |
| Fluid flow.....: | [m3/h] | 1,02 |
| Fluid velocity.....: | [m/s] | 0,58 |

Pressure drop in headers exceeds 30% of the total fluid pressure drop. (50%)

| | | |
|-----------------------------|-------|---------------------|
| Tubes type.....: | | Smooth |
| Tube material.....: | | Copper |
| Fin material.....: | | Alu |
| Height/Width (finned).....: | [mm] | 350,0 / 64,95 |
| Connection inlet.....: | [mm] | 20 / 27 |
| Connection outlet.....: | [mm] | 20 / 27 - Same side |
| Surface area.....: | [m2] | 4,8 |
| Circuit volume.....: | [dm3] | 0,9 |
| Gross weight.....: | [kg] | 6,7 |