CABERO Heat Exchanger Yantai Co.,Ltd.
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| | | |
|---|---|---|
| Reference | | Date 2021.05 |
| Room Size | | |
| Model | **BCH4B2/30.N2** | Version: 1 |

| | | | |
|---|---|---|---|
| Capacity | | 2409 | W |
| Sensible Capacity | | 1740 | W |
| Latent Capacity | | 669 | W |
| Sensible/Total Capacity Ratio | | 0.72 | |
| Quantity of Produced Water | | 1 | kg/h |
| Exchange Surface | | 19.1 | m² |
| Global Exchange Coefficient | | 20.2 | W /(m² k) |
| Fins / Tubes Meterial | | Al / Copper | |
| Fin Thickness | | 0.2 | mm |
| Fin Pitch | | 4 | mm |
| DTML | | 6.3 | °C |
| Coil Internal Volume | | 4 | L |
| L x W x H | | 1200*450*500 | mm |
| Net Weight | | | kg |
| **Air side** | | | |
| Altitude | | 0 | m |
| Volumetric Air Flow | | 2840 | m³/h |
| Mass Air Flow | | 3636 | kg/h |
| Face Velocity on the Coil | | 2.09 | m/s |
| Inlet Air Density | | 1.28 | kg/m³ |
| Inlet Air Temperature | | 2 | °C |
| Inlet Air Relative Humidity | | 90 | % |
| Outlet Air Temperature | | 0.3 | °C |
| Outlet Air Relative Humidity | | 95 | % |
| Pressure Drop | | 29 | Pa |
| Fan No. * Size | | 2*300 | mm |
| Motor Capacity | | 2*0.07=0.14 | kW, 230V-1Ph-50Hz |
| Run speed | | 1380 | RPM |
| Noise power lever | | 67 | dB(A) |
| Defrost | | | |
| **REFRIGERANT SIDE** | | | |
| Fluid | | Ethylene glycol 35% | |
| Volumetric Fluid flow | | 0.4 | m³/h |
| Mass Fluid Flow | | 422 | kg/h |
| Fluid Velocity | | 0.5 | m/s |
| Fluid inlet Temperature | φ 15.9 | -8 | °C |
| Fluid outlet Temperature | φ 15.9 | -2.2 | °C |
| Fluid Pressure Drop | | 22 | kPa |

**Accessories**