

Summary Performance Report For CK Zamek

Project: ~Untitled1
Prepared By:

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AquaSnap™ Air-Cooled Scroll Chiller



Unit Information

Tag Name:..... **CK Zamek**
 Model Number:..... **30RB0402**
 Quantity:..... **1**
 Manufacturing Source:..... **Montluel, France**
 Refrigerant:..... **R410A**
 Shipping Weight:..... **2910** kg
 Operating Weight:..... **3110** kg
 Unit Length:..... **3604** mm
 Unit Width:..... **2253** mm
 Unit Height:..... **2297** mm

Evaporator Information

Fluid Type:..... **Fresh Water**
 Fouling Factor:..... **0,0180** (sqm-K)/kW
 Leaving Temperature:..... **7,0** °C
 Entering Temperature:..... **12,0** °C
 Fluid Flow:..... **19,36** L/s
 Pressure Drop:..... **50,3** kPa

Condenser Information

Altitude:..... **0** m
 Number of Fans:..... **6**
 Total Condenser Fan Air Flow:..... **27081** L/s
 Entering Air Temperature:..... **32,0** °C

Integrated Pump Information

No Pump Selected

Performance Information

Cooling Capacity:..... **406,3** kW
 Total Compressor Power:..... **129,8** kW
 Total Fan Motor Power:..... **9,6** kW
 Total Unit Power (without pump):..... **139,4** kW
 Efficiency (without pump):..... **2,91** COP
 IPLV:..... **4,40** COP
 ESEER:..... **3,93** COP
 A-Weighted Sound Power Level:..... **93** dbA

Accessories and Installed Options

J-Bus Gateway

Electrical Information

Unit Voltage:..... **400-3-50** V-Ph-Hz
 Connection Type:..... **Single Point**
 Standby Power:..... **0,8** kW
 Minimum Voltage:..... **360** Volts
 Maximum Voltage:..... **440** Volts
 Power Factor:..... **0,84**

Amps (Un)	Electrical Circuit 1	Electrical Circuit 2
Max Unit Current Draw (RLA)	328,8	N/A
Max Start Up Current (ICF)	535,8	N/A
Nominal Unit Current Draw (A)	250,8	N/A

Cooling and/or heating performance data according to EN 14511 and certified by EUROVENT.
 Sound Power Lw according to ISO 9614-1 and EUROVENT standard 8/1.