

Chiller heat pump 331.1 kW ⁽¹⁾ 7°C water and 35°C air

Model	CXAM 120
Power input at nominal (kW)	113.3
Compressor type	Scroll
Minimum load (%)	25
Water flow at nominal (l/s)	14
Compressors, qty	4
Refrigerant circuit, qty	2
Refrigerant, type	R410a
Sound pressure level 10 m free field condition	58 dB(A)
Pressure vessel approval	PED

Operating range

Ambiant air (°C) cooling mode	-18 to 40
Ambiant air (°C) heating mode	-10 to 18
Water flow (l/s)	6.8-20.4
Leaving water (°C) cooling mode	-12 to 18
Leaving water (°C) heating mode	25 to 55

Capacity at °C water temp	0°C	5°C	7°C	9°C	13°C
Capacity (kW) 35°C air	262	312	331	351	391
Power input (kW) 35°C air	107	111.5	113	115	119

Heating capacity at °C air 80% RH	-5	1°C	7°C	10°C	13°C
Heating Cap. (kW) water 35/45°C	237	274	318	343	371
Power input (kW) water 35/45°C	106	106	107	107	108

Electrical data

Power supply (V/Ph/Hz)	400/3/50
Amps max (A)	244
Starting amps (A)	507

Evaporator connection type Bauer & Victaulic 4

Dimensions & Weight

Length (mm)	5800
Width (mm)	2438
Height (mm)	2591
Weight (kg)	5120



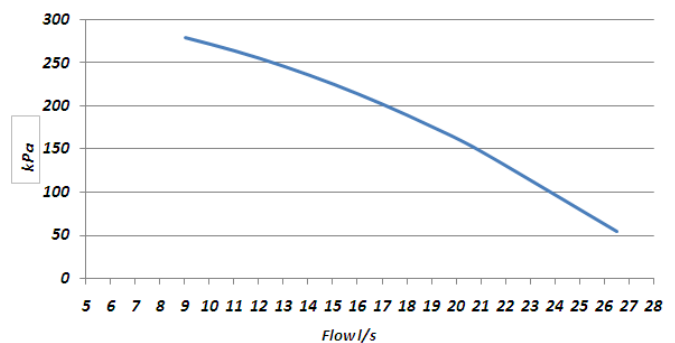
Options

Disconnect switch	Yes
Gauges	Yes
Flow switch	Yes
Water pump	Dual

Water content

Evaporator (l)	43.4
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Available head pressure



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(1) At Eurovent conditions: 12/7°C entering/leaving water temperature and 35°C ambient air temperature