

Chiller 461.8 kW ⁽¹⁾ 7°C leaving water and 35°C air

Model	CGAN 214
Power input at nominal	171.6
Compressor type	Scroll
% Minimum load (%)	17
Water flow at nominal (l/s)	22.1
Refrigerant circuit, qty	2
Refrigerant, type	R407c
Sound pressure level at 10m free field	66 dB(A)
Pressure vessel approval	PED



Operating range	
Ambiant air (°C)	-18 to 43
Water flow (l/s)	9 to 30
Leaving water temp (°C)	-12 to 15

Capacity at °C water temp:	0°C	5°C	7°C	9°C	13°C
Capacity (kW) 35°C air	354	430	462	495	562
Power input (kW) 35°C air	159	168	171	175	184

Leaving water -12°C

Capacity (kW) 20°C air	244
Power input (kW) 20°C air	102

Electrical data	
Power supply (V/Ph/Hz)	400/3/50
Amps max (A)	392
Starting amps (A)	654

Evaporator connection type	Victaulic 4 inches
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Dimensions & Weight

Length (mm)	6058
Width (mm)	2438
Height (mm)	2591
Operating weight (kg)	4671

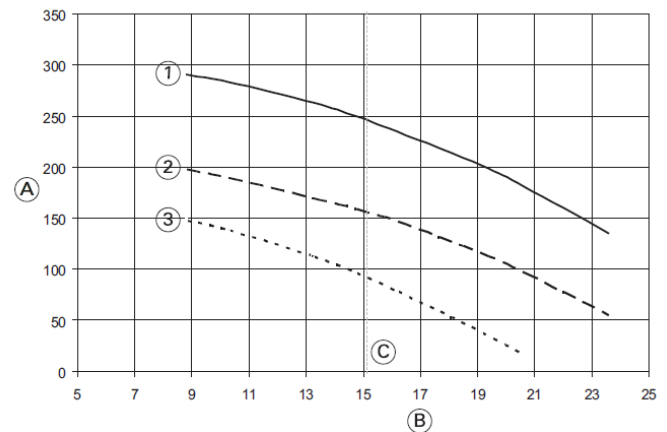
Options

Disconnect switch	Yes
Gauges	Yes
Flow switch	Yes
Built in water pump	High head pressure

Water content

Evaporator (l)	42
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Available head pressure



- A = External available water pressure (kPa)
- B = Evaporator water flow (l/s)
- C = Water flow (Eurovent conditions)
- 1 = High head pressure pump
- 2 = Medium head pressure pump
- 3 = Low head pressure pump

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