

Chiller heat pump 114.6 kW⁽¹⁾ 7°C chilled water and 35°C air

Model	CXAN 450
Power input at nominal (kW)	45.2
Compressor type	Scroll
Minimum load (%)	44
Water flow at nominal (l/s)	6.01
Compressors, qty	2
Refrigerant circuit, qty	1
Refrigerant, type	R407c
Sound pressure level 10 m free field condition	52
Pressure vessel approval	PED

Operating range

Ambiant air (°C) cooling mode	-18 to 43
Ambiant air (°C) heating mode	-10 to 18
Water flow (l/s)	2.73 to 9
Leaving water temp (°C) cooling mode	-12 to 18
Leaving water temp (°C) heating mode	25 to 50

Cooling capacity at °C water temp

	0°C	5°C	7°C	9°C	13°C
Capacity (kW) 35°C air	90.3	107.5	115	122	137
Power input (kW) 35°C air	41.3	44	45.2	46.4	49

Heating capacity at °C air 80% RH

	-4°C	0°C	7°C	10°C	14°C
Heating Cap. (kW) water 35/45°C	82.3	91.4	109	117.8	131
Power input (kW) water 35/45°C	44.2	44.4	44.7	44.8	45

Electrical data

Power supply (V/Ph/Hz)	400/3/50
Amps max (A)	102
Starting amps (A)	327

Evaporator connection type Victaulic 4 inches

Dimensions & Weight

Length (mm)	3800
Width (mm)	1220
Height (mm)	2350
Weight (kg)	2200

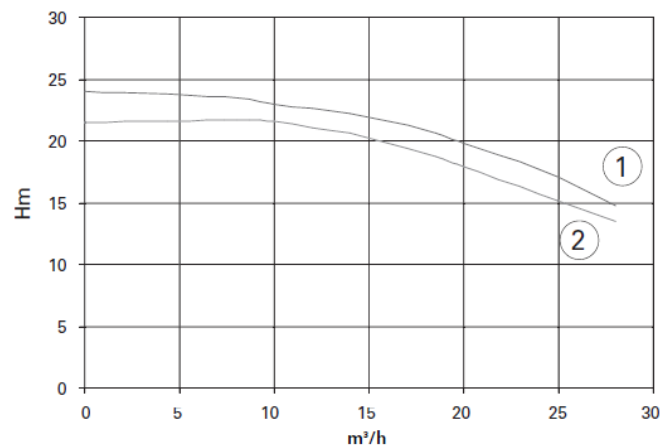
(1) At Eurovent conditions: 12/7°C entering/leaving water temperature and 35°C ambient air temperature



Water content

Evaporator & expansion tank(l)	38
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Available head pressure (see curve 1)



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