

# Chiller heat pump 111.6 kW <sup>(1)</sup> 7°C water and 35°C air

Model	CXAM 040
Power input at nominal (kW)	36.2
Compressor type	Scroll
Minimum load (%)	25
Water flow at nominal (l/s)	5.4
Compressors, qty	4
Refrigerant circuit, qty	2
Refrigerant, type	R410a
Sound pressure level 10 m free field condition	52 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)	2.6 to 7.7
Leaving water (°C) cooling mode	-12 to 18
Leaving water (°C) heating mode	25 to 55

## Cooling capacity at °C water temp

	0°C	5°C	7°C	9°C	13°C
Capacity (kW) 35°C air	86.5	111	112	116	130
Power input (kW) 35°C air	34.1	32.5	36.2	38.5	39.8

## Heating capacity at °C air 80% RH

	-5	1°C	7°C	10°C	13°C
Heating Cap. (kW) water 35/45°C	86.8	102.4	120	131	142
Power input (kW) water 35/45°C	35.5	35.9	36.4	36.7	37

## Electrical data

Power supply (V/Ph/Hz)	400/3/50
Amps max (A)	90
Starting amps (A)	211

**Evaporator connection type** Bauer & Camelock 4

## Dimensions & Weight

Length (mm)	3200
Width (mm)	2438
Height (mm)	2440
Weight (kg)	2820



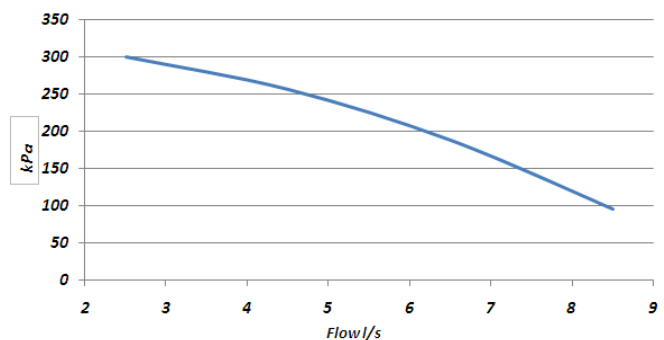
## Options

Disconnect switch	Yes
Gauges	Yes
Flow switch	Yes
Water pump	Dual

## Water content

Evaporator (l)	14.3
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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