

# Chiller 642 kW <sup>(1)</sup> 7°C leaving water and 35°C air

Model	RTAD 180
Power input at nominal	242
Compressor type	Screw
% Minimum load (%)	17
Water flow at nominal (l/s)	30.6
Refrigerant circuit, qty	2
Refrigerant, type	R134a
Sound pressure level at 10m free field	70 dB(A)
Pressure vessel approval	PED



## Operating range

Ambiant air (°C)	-18 to 43
Water flow (l/s)	11.6 to 38
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	509	613	643	683	766
Power input (kW) 35°C air	251	236	242	251	269

## Leaving water -12°C

Capacity (kW) 20°C air	376
Power input (kW) 20°C air	145

## Electrical data

Power supply (V/Ph/Hz)	400/3/50
Amps max (A)	576
Starting amps (A)	608
Connecting point	1

**Evaporator connection type** Camelok & 4 inches

## Dimensions & Weight

Length (mm)	6058
Width (mm)	2438
Height (mm)	2591
Operating weight (kg)	7450

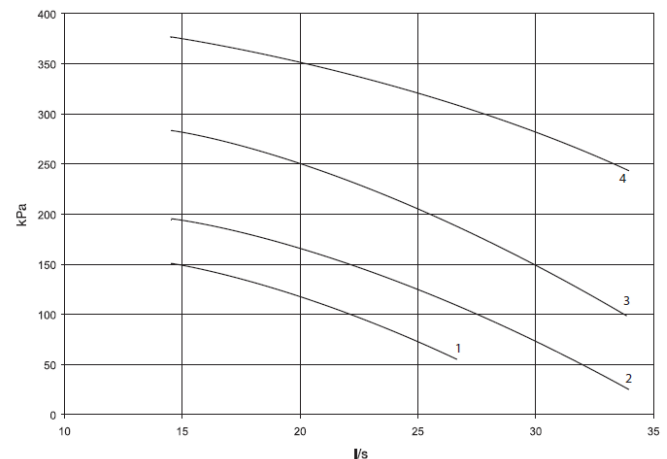
## Options

Disconnect switch	Yes
Gauges	Yes
Flow switch	Yes
Water pump	DIL 208 17-15

## Water content

Evaporator (l)	415
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## Available head pressure



1 = JRN 208-13/5,5  
 2 = JRN 208-14/7,5  
 3 = DIL 208-16/11  
 4 = DIL 208-17/15

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