



CHILLER

ZCHH-01-8500-R290-R1

JBG-2 Sp. z o.o.

ul. Gajowa 5
43-254 Warszowice, Poland

Office:

E : info@jbg2.com

T : +48 32 494 00 00

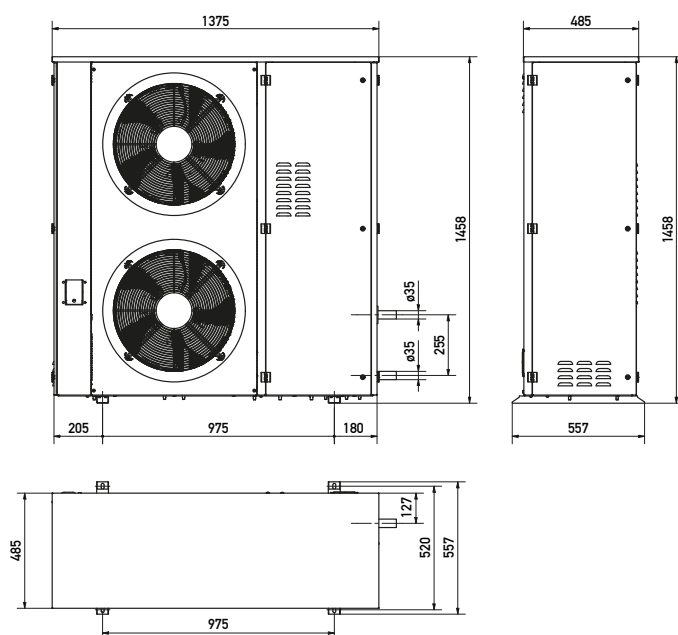


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ZCHH-01-8500-R290-R1**Basic technical data:**

Dimensions (W/D/H):	1375/485/1458 mm
Max. ambient temperature:	45°C
Weight:	215 kg
Refrigerant:	R290
Quantity of refrigerant:	1,6 kg
Range of ambient relative humidity during operation:	15-90% without condensation
Nominal supply voltage:	Three-phase 400/230 VAC, 50 Hz
Ingress protection:	IP24
Compressor type:	inverter
Compressor rotation range:	1500-6600 rpm
Indirect heat transfer liquid:	Propylene glycol
Connections:	35 mm (1 1/2" / 1 1/4" external thread - option)
Work mode:	automatic
Fan:	regulated by the condensing temperature
Circulation pump:	fixed speed
Expansion valve:	electronic
Communication protocol:	Modbus (only)
Sound pressure level:	39 dB (measured at a distance of 10 m)
Filling connections hydraulic system:	2x 3/4"
Diaphragm vessel:	12 l
Safety valve setting:	6 bar
Other accessories:	mesh filter, manual shut-off valves
Cascade work:	2-6 devices (17kW-51kW)

Ambient temperature:	35°C	32°C	45°C	45°C
Glycol inlet/outlet temperature:	-2/-8°C	-2/-8°C	-2/-8°C	+1/-5°C
Cooling capacity:	8,36 kW	9,13 kW	7,46 kW	8,17 kW
EER:	1,48	1,61	1,22	1,22
Power consumption:	5,65 kW	5,67 kW	6,11 kW	6,70 kW
Current consumption:	8,89 A	8,91 A	9,98 A	10,72 A
SEPR				2,80

**Technical drawing:**



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Cascade system

