Załącznik nr 5

1. Selected chiller solution

1.1. Selection data

Full Model Reference	Base Model	Option Code	Application
EUWAB16KBZW1	EUWAB16KBZW1	<none>	STD

Selection data		Compressor	
Condenser	Air cooled	Type	Scroll
Family	Cooling only	Quantity	2
Refrigerant	R407C	Number of compressor steps	2

Cooling	
Required total capacity	27,8kW
Deviation	15,8%
Capacity	32,2kW
Power input	14,4kW
EER	2,2

Evaporator		Condenser	
Leaving fluid temperature	6,0°C	Type	Air cooled
Entering fluid temperature	12,0°C	Ambient summer temperature	35,0°C
Delta T	6,0°C		
Fluid type	Ethylene		
% Weight	35%		
Fluid flow rate	89l/min		
Fluid pressure drop	21429Pa		

Electrical data		Mechanical data / Hydronics	
Power supply	3Nx400V, 50Hz (W1)	Height	1321mm
Max. start current	99,9A	Width	2580mm
Max. run current	35,8A	Depth	734mm
Max. compressor run current	14,0A	Weight	525,0kg
Fuses	3x50 gL/gG	Buffer tank volume	55,0l
Voltage limits	380V - 415V	Available pump ESP	490538Pa

- Equipment is Eurovent Certified and conforms to the following standard: Eurovent 6/C/2006
- Power input equals the total unit power input to include compressor, fans and control circuits (excludes pumps).
- The weight is excluding the selection options (naked model only). Please contact the factory for the extra shipping weight.
- For additional detail on maximum electrical rating conditions, please refer to the Engineering Data Book

Partload (Cooling)						
Capacity step	LWE	Ambient	Cooling Capacity	Cooling Power Input	EER	Eurovent class
@100%					2,4	
ESEER					3,0	

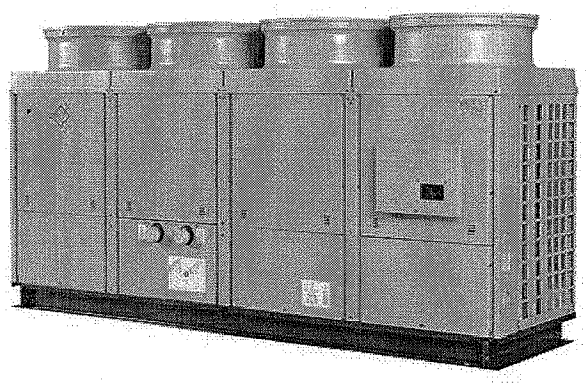
ESEER (European Seasonal EER) is based on Eurovent temperature conditions and Eurovent part load weighting calculation. The ESEER figure is certified by Eurovent. Power input is for the total unit.
ESEER = 0.03 x EER@100% + 0.33 x EER@75% + 0.41 x EER@50% + 0.23 x EER@25%

Sound									
Frequency	63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz	Overall
Sound power	81dB	79dB	75dB	80dB	71dB	67dB	61dB	55dB	79,0dBA
Distance from unit	1m	5m	10m						
Sound pressure	62,3dBA	52,7dBA	47,4dBA						

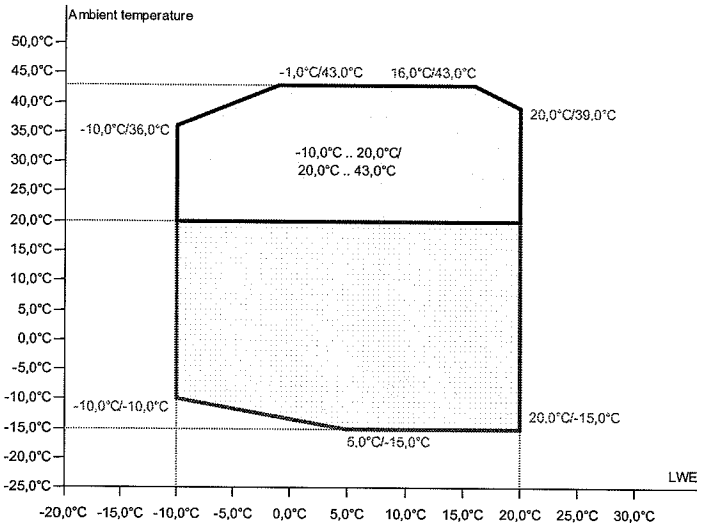
Sound power data is in accordance with ISO3744. Measurement is at nominal condition. Sound pressure is calculated for indication purposes. Calculation is only valid for free field conditions: Lp=Lw-10Log(S).

Standard options	
	Buffer tank

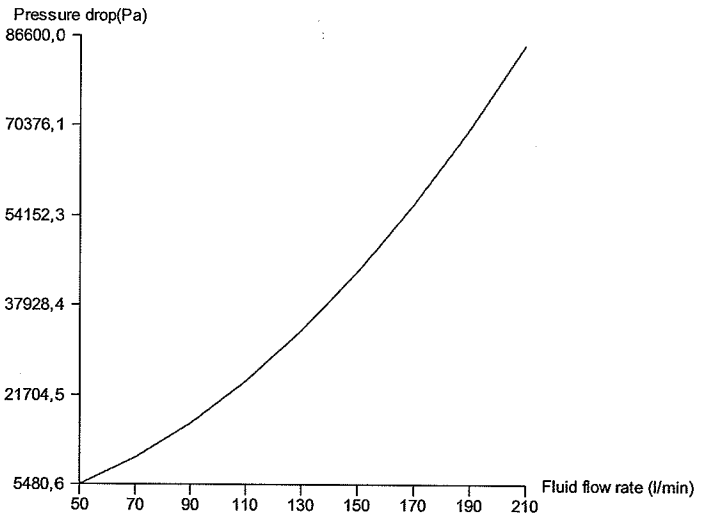
Selected options	
OP10	Evaporator heater tape
OPHP	High ESP pump
OPZH	ZH



1.2. Operation Range in Cooling



1.3. Fluid pressure drop



1.4. Dimensional drawing

EUWAB16KAZW

1 Air heat exchanger
2 Compressor
3 Switch box
4 Main switch
5 Pump switch
6 Digital display controller
7 Water heat exchanger
8 Water IN connection: 2" M BSP
9 Water OUT connection: 2" M BSP
10 Power supply intake
11 Drain
12 Air purge
13 Expansion vessel
14 Safety valve
15 Pressure port
16 Ball valve
17 Water filter
18 Pump
19 Regulation valve
20 Flow switch
21 High pressure gauge (optional)
22 Low pressure gauge (optional)
23 Pump drain
24 Water pressure gauge
25 4 way valve *
26 Accumulator *
27 Liquid receiver *
28 Buffer tank
* Only for H/P models