Calculate

INITIAL SELECTIONS

INFLUENTIAL OPTIONS

Water
Internal exchanger fluid type

Super-silenced acoustic configuration
Acoustic configuration

Low temperature: not required
Low temperature

OPERATING CONDITIONS

COOLING

35 °C
Outdoor air temperature

12 °C
Return water temperature load side

7 °C
Leaving water temperature load side

999 kW
Required part load capacity

HEATING

55 °C
Leaving water temperature load side

50 °C
Return water temperature load side

-3 °C
Outdoor air temperature

999 kW
Required part load capacity

GENERAL

5 °C
Delta T load side loop

0 %
Glycol on load loop

SOUND PRESSURE LEVEL AT DISTANCE

1 m
Distance from unit

Reset

Calculate

TECHNICAL DATA

Large EVO

WiSAN-YEE1 | 45.4-85.4

75.4

SIZES

Customise

COOLING

Cooling capacity (kW)	173
Compressor power input (kW)	65.6
Total power input (kW)	68.9
EER ()	2.52
EER compressor ()	2.64
Cooling capacity (EN14511:2022) (kW)	173
Total power input (EN14511:2022) (kW)	69.3
EER (EN 14511:2022) ()	2.50
SEER ()	4.37 *
IPLV ()	4.12 *
Water flow-rate (User Side) (l/s)	8.23
Pressure drop load side exchanger (kPa)	22.9

HEATING

Heating capacity (kW)	155
Compressor power input (kW)	61.6
Total power input (kW)	67.0
COP ()	2.31
COP compressor ()	2.51
Heating capacity (EN14511:2022) (kW)	155
Total power input (EN14511:2022) (kW)	67.4
COP (EN 14511:2022) ()	2.30
SCOP W35 ()	4.22 *
SCOP W55 ()	2.99 *
Water flow-rate (User Side) (l/s)	7.50
Pressure drop load side exchanger (kPa)	19.3

DIRECTIVE ERP (ENERGY RELATED PRODUCTS)	
Sound power level, outdoor (dB(A))	81.0 *
Seasonal space cooling energy efficency (ηsc) (%)	172 *
Seasonal space heating energy efficiency (ηsh) W35 (%)	166 *
Seasonal space heating energy efficiency (ηsh) W55 (%)	117 *
NOISE LEVELS	
Sound power level (dB(A))	81.0 *
Sound pressure level (dB(A))	63.0 *
Sound Pressure Level at Distance (dB(A))	63.0
REFRIGERANT	
Type of refrigerant ()	R-32 *
Global Warming Potential ()	675 *
PRICE	
List price ()	0.00 €

Large EVO

* Data refers to standard conditions

Verify that the desired working conditions are within the operating range given in the technical bulletin