



Project n.
..

()
K.A.

Agency : **NABILATON Sp. z o.o.**
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Date : **25-06-2020**

Internal reference:

Project name :

Sections included:

- **TECHNICAL DATA SELECTION**
- **DIMENSIONAL DRAWING**

Submitted by :
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TECHNICAL DATA SELECTION

PROJECT N.: ..
DATE: 25-06-2020
PROJECT NAME:

MPE C

[#1] MPE035C

Input data

Requested model

MPE035C

Cooling

User Water Temperature In	°C	12
User Water Temperature Out	°C	7
User Glycol	%	35
Source Air Temperature	°C	35

Glycol Type Selection

Glycol Type	Ethylenic
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Sound Inputs

Distance in free field	m	10
Altitude Inputs		
Altitude above sea level	m	0

TECHNICAL DATA SELECTION

SW: #

DB: #

PROJECT N.: ..
 DATE: 25-06-2020
 PROJECT NAME:

Output data

Requested model

MPE035C

Cooling

Cooling capacity	kW	34,5
Cooling capacity [UNI EN 14511]	kW	34,2
Water Flow user side	l/h	6695
Water Pressure drops user side	kPa	63
Compressor power input	kW	10,3
Compressor absorbed current	A	16,5
Total Power input	kW	11,3
Total Power input [UNI EN 14511]	kW	11,7
Total Absorbed Current	A	21,1
EER		3,04
SEER		3,82
Available pressure head - LP Pumps (option) User side	kPa	103

Common Data

Maximum absorbed current (FLA) [without options]	A	38
Start up current (LRA) [without options]	A	162
Sound power level Lw (base unit)	db(A)	73
Sound pressure level Lp (base unit)	db(A)	42
Air Flow	m3/h	20100
Number of Fans		2
Fan power input	kW	1,1
Fan absorbed current	A	4,6
Compressors/Circuits		1/1
Buffer tank volume (option)	l	125
Power Supply		400 / 3 / 50
Refrigerant		R410A
GWP		2088
Dimensions [LxDxH]	mm	1988x947x1489
Weight without options	kg	390

Version

Software version	SELMAC 0.0.15
Database version	20200427-1

Remarks:

Unit compliant to ErP2021 standard for comfort application.

The certified performances, conditions and the certification of the software have to be verified in

www.eurovent-certification.com

The declared performances are the result of thermodynamic simulations and therefore affected by tolerances.

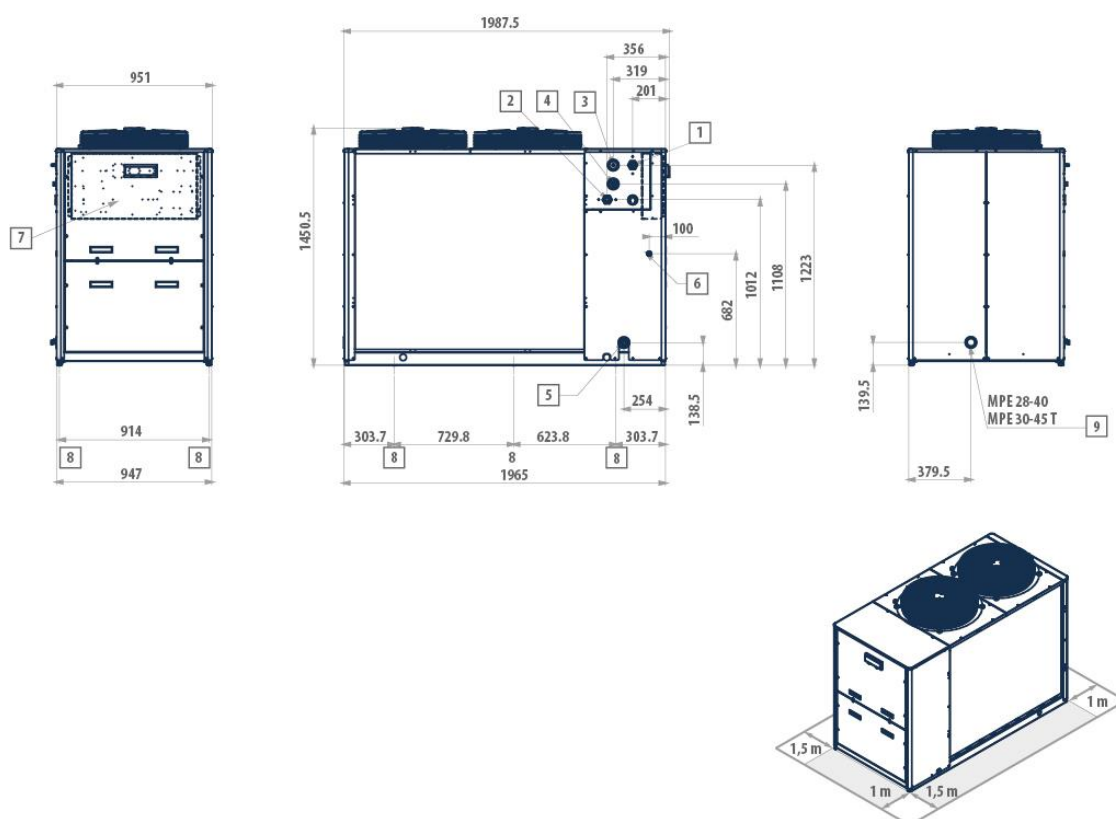
DIMENSIONAL DRAWING

PROJECT N. : ..
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 PROJECT NAME :

MPE C
 Rif: [#1]

MPE_28-40

rev. 0



LEGEND

- | | |
|---|--|
| 1 | Water inlet \varnothing 1"1/4 female |
| 2 | Water outlet \varnothing 1"1/4 female |
| 3 | Safety valve discharge outlet provided with rubber ring holder |
| 4 | Water supply \varnothing 1/2" male (optional tap) |
| 5 | Water drainage \varnothing 1/2" female |
| 6 | Power supply \varnothing 37 mm |
| 7 | Electric control board |
| 8 | Fastening points for vibration dampers (accessory) |