

## TECHNICAL SELECTION

Software version: ELCA World v. 1.8.1.1

User: Lukasz Andreczke

Database version: 1.9.1.1

Print data:30.11.2023 10:15

# TECHNICAL SELECTION

s-MEXT-G00 DX O 006 S F01 <H>

FULL INVERTER air conditioning split-system for IT Cooling.



Model	s-MEXT-G00 DX O 006 S F01 <H>		
Version	O		
Frame	F01		
Primary circuit type	DIRECT EXPANSION AIR COOLED		
No. Circuits	N°	1	
Refrigerant	R32		

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## 1 TECHNICAL SELECTION

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# 1.1 INDOOR UNIT

## MAIN CIRCUIT

### DESIGN CONDITIONS

Dry bulb temperature	°C	27,0
Relative humidity	%	47
Altitude	m	0
Air flow	m³/h	2000
ESP External Static Pressure	Pa	20
Outdoor air temperature	°C	35,0
Pipes length	m	5,0
Coil working pressure		-
Installation surface	m²	20

### PERFORMANCE AT DESIGN CONDITIONS

Total cooling capacity gross	kW	6,81
Sensible cooling capacity gross	kW	6,08
Net cooling capacity	kW	6,60
Net sensible cooling capacity	kW	5,87
SHR		0,89
EER total	kW/kW	4,67
Leaving air temperature	°C	18,2
Leaving air relative humidity	%	76
Effective heat exchange area		-

## FANS

Fans type		EC BASIC
Quantity	N°	1
Air flow	m³/h	2000
Fans power input	kW	0,21
Static pressure maximum attainable	Pa	208
SPF (Specific Power Factor)	W / l/s	0,38

## ACCESSORIES

### FILTERS

Accessory filter type	COARSE 60% (ISO EN 16890)
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## NOISE DATA

Spectrum	Hz	63	125	250	500	1000	2000	4000	8000	Tot
		dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
Sound Power		-	-	-	-	-	-	-	-	69
Total sound Pressure		-	-	-	-	-	-	-	-	53
Distance	m					1				

### Note

Note

Average sound pressure level, at 1 m distance, unit in a free field on a reflective surface according to ISO3744. Non-binding value obtained from the sound power level.

The performance shown are obtained from theoretical calculations and tolerances will apply. Rpt.version: 1.0.7.0

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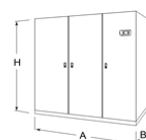
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### WEIGHT & DIMENSIONS

A	mm	600
B	mm	500
H	mm	1980
Weight	kg	103



### ELECTRICAL DATA (refer to indoor unit)

Power supply	V/ph/Hz	230/1/50
Max Electrical power absorbed (FLI)	kW	0,37
Max absorbed current (FLA)	A	1,65
Max inrush current (SA)	A	1,35
Power input (OI)	kW	0,21

## 1.2 OUTDOOR UNIT

### GENERAL DATA

Code	PUZ-ZM 60 VHA	
Quantity	N°	1

### FANS

Fans Type		
Quantity	N°	1
Fans power input	kW	0,06
Air flow for fan	m³/h	3300

### COMPRESSORS

Compressor type	SCROLL	
Compressors nr.	N°	1
Compressors power absorption	kW	1,19

### NOISE DATA

Spectrum	Hz	63	125	250	500	1000	2000	4000	8000	Tot
		dB	dB	dB	dB	dB	dB	dB	dB	dB(A)
Sound Power		-	-	-	-	-	-	-	-	67
Total sound Pressure		-	-	-	-	-	-	-	-	53
Distance	m	1								

### Note

Note

Average sound pressure level, at 1 m distance, unit in a free field on a reflective surface according to ISO3744. Non-binding value obtained from the sound power level.

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### WEIGHT & DIMENSIONS

Dimension A	mm	950
Dimension B	mm	355
Dimension H	mm	943
Weight	kg	70

### ELECTRICAL DATA (refer to outdoor unit)

Power supply	V/ph/Hz	230/1/50
Max electrical power absorbed (FLI)	kW	1,53
Max absorbed current (FLA)	A	19,0
Max inrush current (SA)	A	5,00
Power input (OI)	kW	1,25

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