

**CEILING MONOBLOCK TECHNICAL DATA
 SHEET ISOM503C**
TECHNICAL DATA

Model	ISOM503C
Series	Monoblock (500)
Mounting	Ceiling
Application	MBP
Expansion	Valve
Defrost	Hot Gas
PED	1
Refrigerant	R455A

MON. DIMENSIONS

Width W	500 mm
Depth D	860 mm
Height H	450 mm
Net weight	68 kg

ELECTRICAL ABSORPTION

Power consumption (W)	783 W
Current consumption (A)	3,5 A

CONDENSER

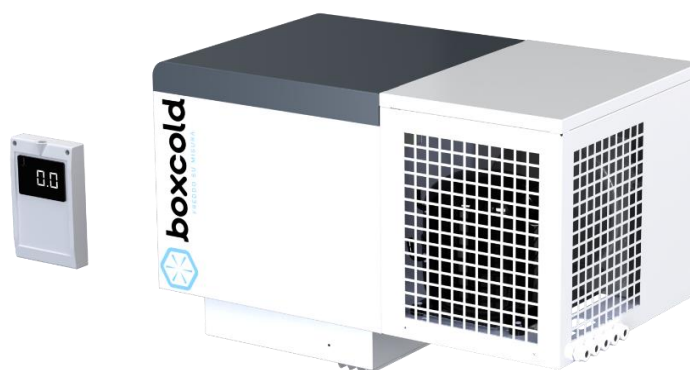
Condensation	Air
Number of fans	1
Diameter	254 mm
Air flow	700 m ³ /h

EVAPORATOR

Number of fans	1
Diameter	254 mm
Air flow	750 m ³ /h
Air throw	6 m

COMPRESSOR

Type	hermetic
Number of compressors	1 (AE4470P)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	12 cm ³



Indicative image of the product



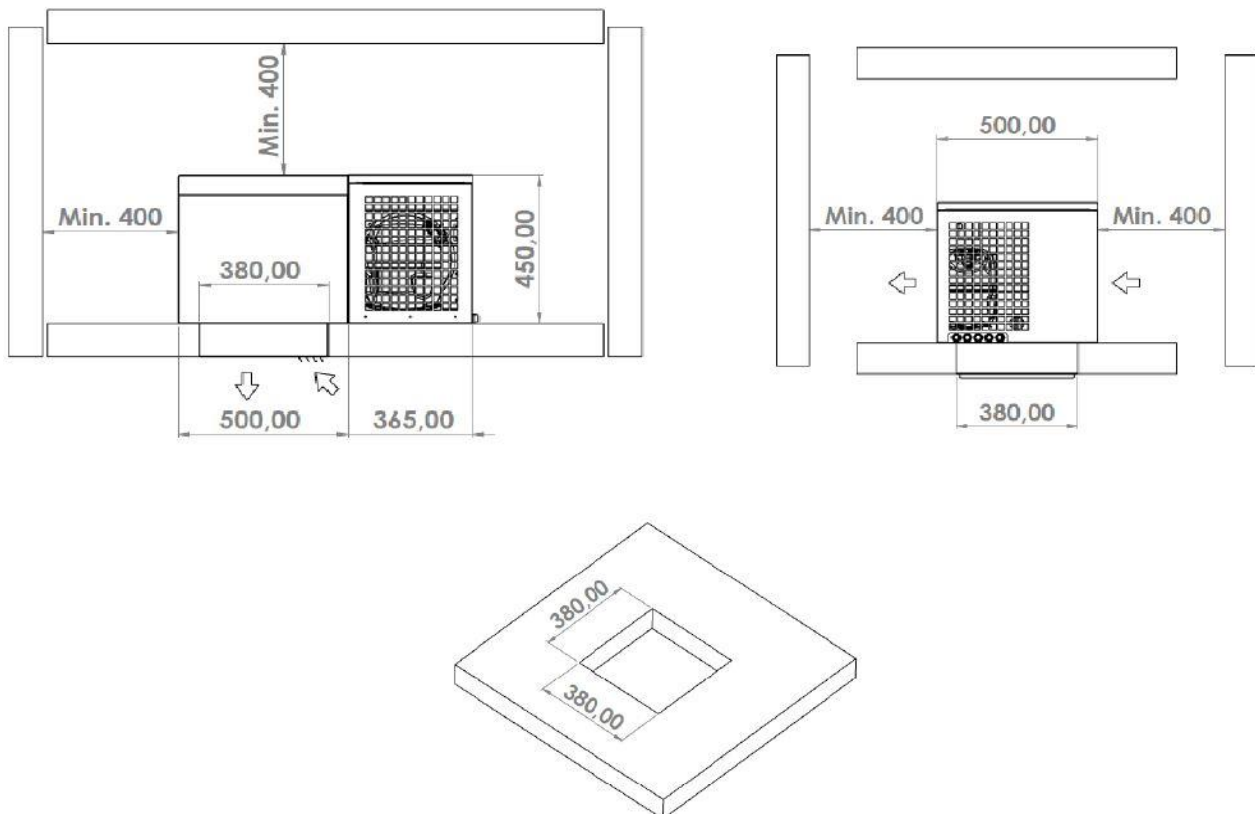
LED lamp



Microport

TABLE OF COOLING (W - CM) CEILING MONOB. ISOM503C Refrigerant R455A

COLD ROOM T.	5 °C		2 °C		0 °C		-2 °C		-5 °C	
AMBIENT T.	W	M ³	W	M ³	W	M ³	W	M ³	W	M ³
25 °C	1457,4	19,0	1349,8	15,7	1280,0	12,4	1211,7	11,1	1112,2	9,8
32 °C	1345,5	17,2	1245,5	13,6	1180,5	10,0	1116,7	9,3	1023,7	8,6
38 °C	1242,3	14,6	1149,6	11,9	1089,2	9,3	1029,9	8,3	943,1	7,2
43 °C	1150,5	12,1	1064,6	10,0	1008,5	7,8	953,3	6,9	872,3	5,9

DIMENSIONS


TECHNICAL FEATURES (STANDARD)

- Structure in zinc-plated metal sheet coated with epoxy primer and powder (RAL 9003);
- Easily removable front cover to facilitate both verification and maintenance operations;
- Internal arrangement of components designed to facilitate their maintenance;
- Ceiling unit with external cooling group. The box containing the air evaporator consists of a shell with polyurethane foam insulation with a removable lid;
- The air is connected inside the cold room via a conveyor integrated into the cold room ceiling to avoid creating clutter;
- Hermetic compressors with engine thermal protection;
- Air condensation;
- Air evaporation;
- Thermostatic valve expansion;
- Programmable hot gas defrosting;
- Electrical Heating cable for condensate drain in both NT and LT;
- Stainless steel tray for condensed water evaporation equipped with a copper coil with cataphoresis coating and an overflow exhaust pipe;
- High-pressure safety pressure switch (automatic reset/fixed setting);
- Electronic control unit;
- Programmable electronic board with touch control display;
- Control unit designed for remote management via Wi-Fi module (optional);
- Cold room light with cable L=2,5m;
- Magnetic micro-switch with cable L=2,5m;
- Remote display with cable L = 5m;
- Power cable L=2,5m;
- Packaging with wooden pallet and cardboard (included)

OPTIONAL ON REQUEST

- Low-pressure switch (automatic reset/fixed setting);
- Wi-Fi module for remote management;
- Compressor crankcase heater;
- Winter Kit;
- Remote control panel with cable of 5/10/15/20m;
- Length increase for machine's power cables, light cable and door micro-switch cable (5/10/15/20m);
- Voltage monitor for three-phase application;
- Cataphoresis treatment on evaporator and/or condenser;
- Packaging with wooden cage;