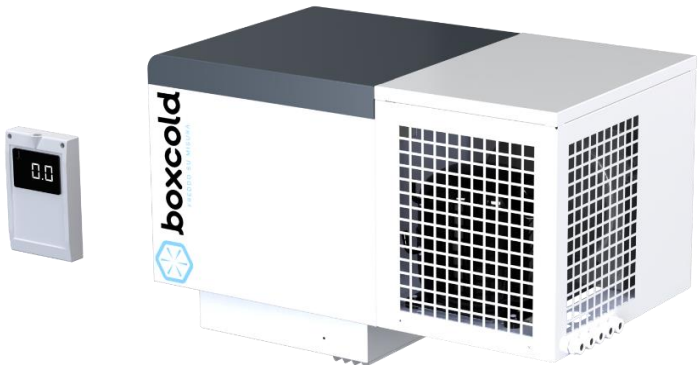
CEILING MONOBLOCK TECHNICAL DATA SHEET ISOM502C

TECHNICAL DATA	
Model	ISOM502C
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)	682 W
Current consumption (A)	3,98 A
CONDENSER	
Condensation	Air
Number of fans	1
Diameter	254 mm
Air flow	750 m³/h
EVAPORATOR	
Number of fans	1
Diameter	254 mm
Air flow	800 m³/h
Air throw	6 m
COMPRESSOR	
Type	hermetic
Number of compressors	1 (AE4460P)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	10,33 cm³



Indicative image of the product

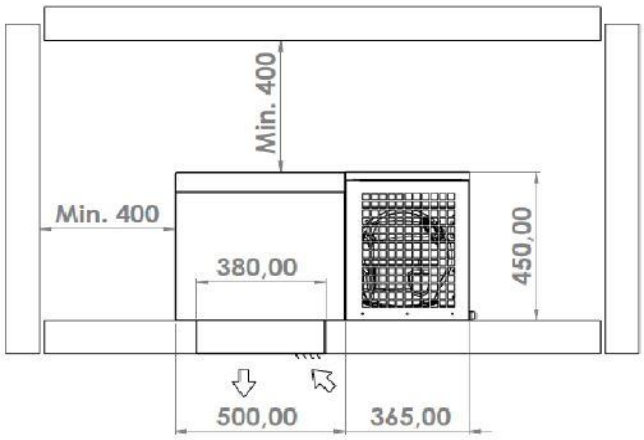
LED lamp

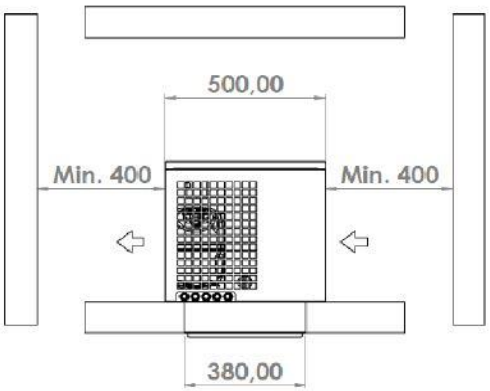
Microport

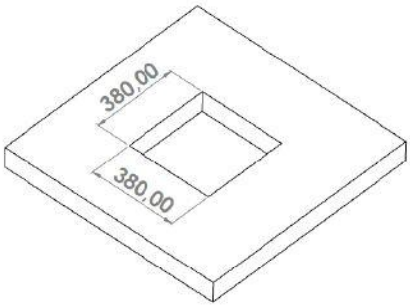
TABLE OF COOLING (W - CM) CEILING MONOB. ISOM502C Refrigerant R455A

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	1226,4	13,5	1136,3	11,1	1077,9	8,7	1020,8	7,9	937,9	7,1
32 °C	1128,2	12,0	1044,7	10,0	990,4	8,0	937,4	7,1	860,1	6,3
38 °C	1036,7	10,5	959,2	8,6	908,8	6,7	859,3	6,0	787,0	5,3
43 °C	955,2	8,9	883,4	7,3	836,6	5,7	790,7	5,1	723,3	4,4

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 5/10/15/20ml;
- 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;