

**CEILING MONOBLOCK TECHNICAL DATA
 SHEET ISOM903C**
TECHNICAL DATA

Model	ISOM903C
Series	Monoblock (900)
Mounting	Ceiling
Application	MBP
Expansion	Valve
Defrost	Hot Gas
PED	2
Refrigerant	R455A

MON. DIMENSIONS

Width W	900 mm
Depth D	1250 mm
Height H	550 mm
Net weight	135 kg

ELECTRICAL ABSORPTION

Power consumption (W)	2465 W
Current consumption (A)	11,4 A

CONDENSER

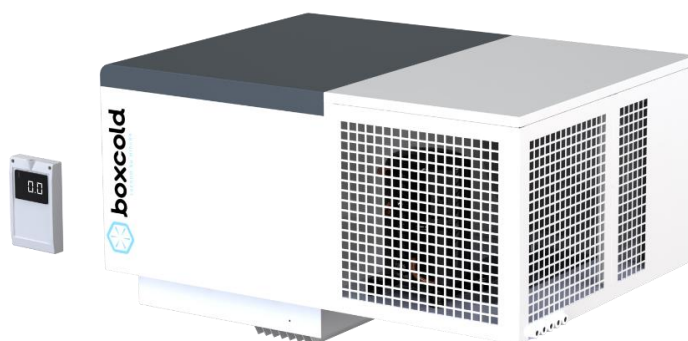
Condensation	Air
Number of fans	1
Diameter	400 mm
Air flow	3250 m ³ /h

EVAPORATOR

Number of fans	2
Diameter	300 mm
Air flow	2700 m ³ /h
Air throw	8 m

COMPRESSOR

Type	hermetic
Number of compressors	1 (FH4532P)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	50,6 cm ³



Indicative image of the product



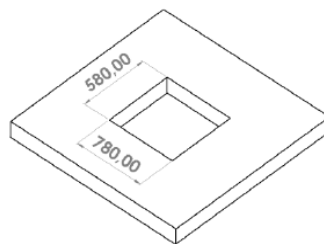
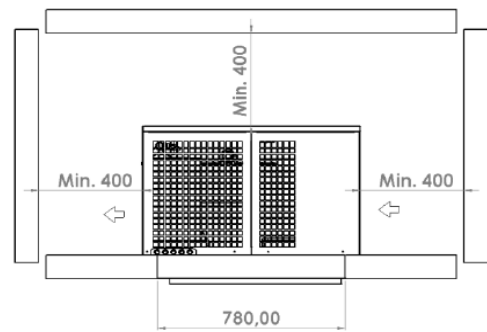
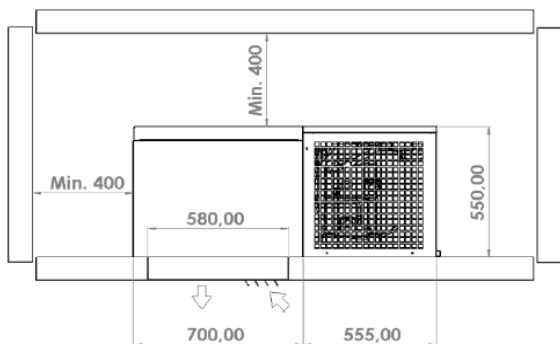
LED lamp



Microport

TABLE OF COOLING (W - CM) CEILING MONOB. ISOM903C 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	5926,5	88,7	5595,4	75,2	5270,9	61,7	4953,3	55,2	4643,0	48,7
32 °C	5340,4	77,5	5032,1	64,8	4729,8	52,0	4433,8	46,8	4144,2	41,6
38 °C	4823,0	69,2	4534,9	55,7	4252,0	42,2	3974,4	39,2	3702,3	36,2
43 °C	4383,0	60,9	4114,0	46,7	3849,5	32,5	3589,8	32,1	3334,9	31,7

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;