

**CEILING MONOBLOCK TECHNICAL DATA
 SHEET ISOL912C**
TECHNICAL DATA

Model	ISOL912C
Series	Monoblock (900)
Mounting	Ceiling
Application	LBP
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	138 kg

ELECTRICAL ABSORPTION

Power consumption (W)	2592 W
Current consumption (A)	5 A

CONDENSER

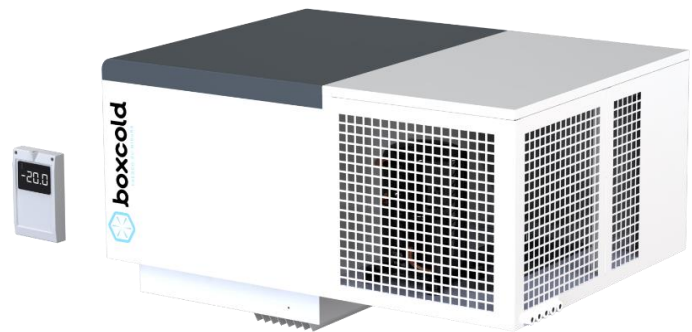
Condensation	Air
Number of fans	1
Diameter	400 mm
Air flow	3570 m ³ /h

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 (FH2511P)
Brand	TECUMSEH
Voltage	380-420/3/50
Displacement	68 cm ³



Indicative image of the product



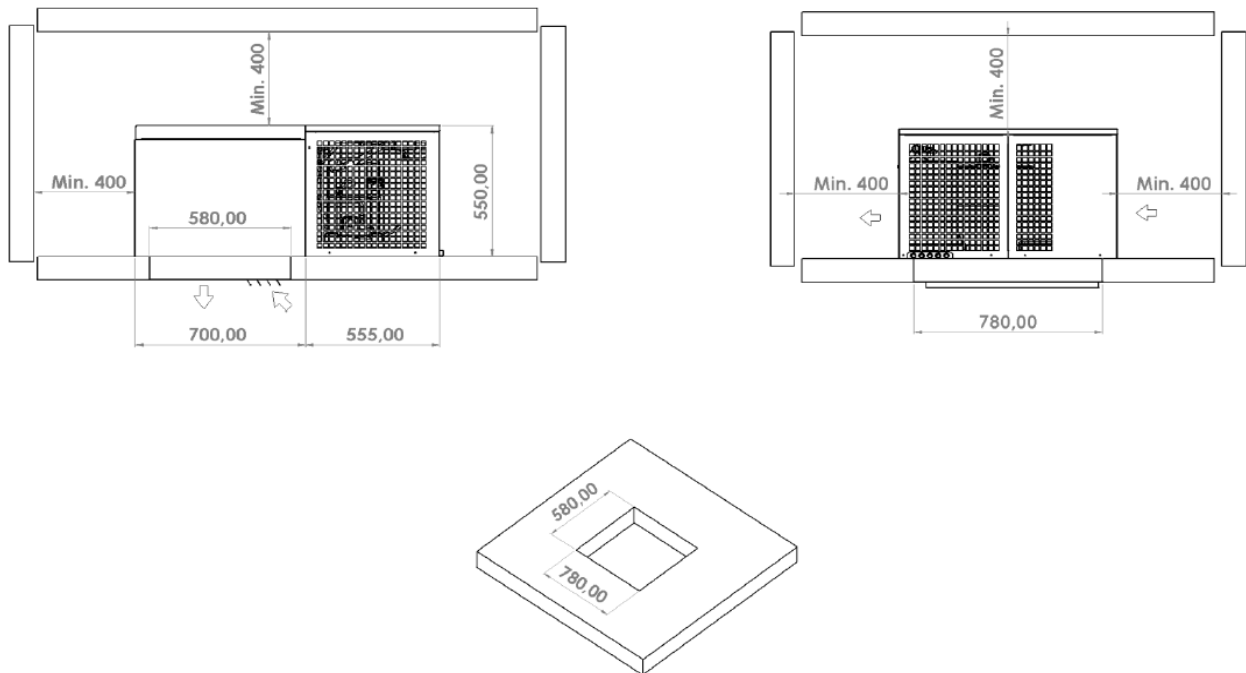
LED lamp



Microport

TABLE OF COOLING (W - CM) CEILING MONOB. ISOL912C Refrigerant R455A

COLD ROOM T.	-25 °C		-20 °C		-15 °C	
AMBIENT T.	W	M ³	W	M ³	W	M ³
25 °C	2315,3	29,8	2836,6	44,3	3393,4	54,5
32 °C	2047,0	25,9	2544,0	38,0	3074,2	47,7
38 °C	1714,2	21,7	2200,6	32,8	2718,4	41,6
43 °C	1509,6	17,3	1973,9	26,8	2468,1	34,9

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;