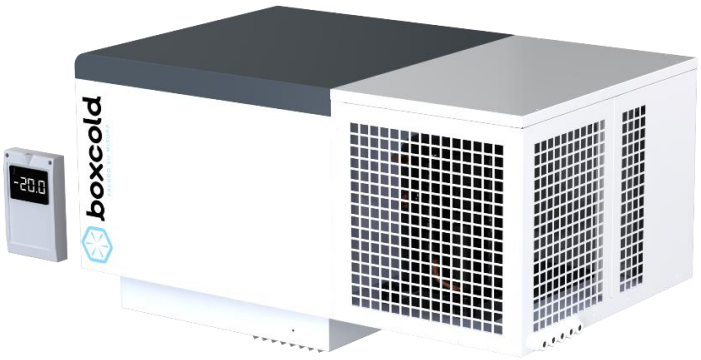
CEILING MONOBLOCK TECHNICAL DATA SHEET ISOL702C

TECHNICAL DATA	
Model	ISOL702C
Series	Monoblock (700)
Mounting	Ceiling
Application	LBP
Expansion	Valve
Defrost	Hot Gas
PED	2
Refrigerant	R455A
MON. DIMENSIONS	
Width W	700 mm
Depth D	1200 mm
Height H	500 mm
Net weight	101 kg
ELECTRICAL ABSORPTION	
Power consumption (W)	1908 W
Current consumption (A)	8,75 A
CONDENSER	
Condensation	Air
Number of fans	1
Diameter	300 mm
Air flow	1400 m^3/h
EVAPORATOR	
Number of fans	1
Diameter	300 mm
Air flow	1450 m^3/h
Air throw	5 m
COMPRESSOR	
Type	hermetic
Number of compressors	1 (FH2480P)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	54,3 cm^3



Indicative image of the product

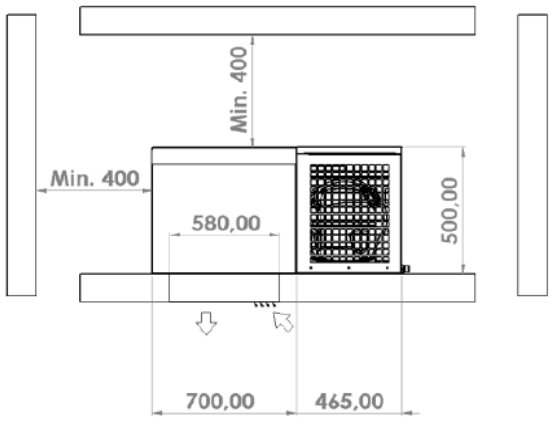
LED lamp

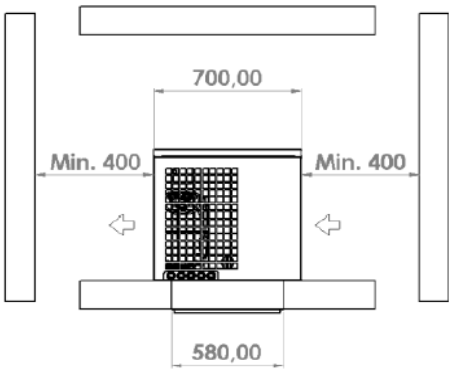
Microport

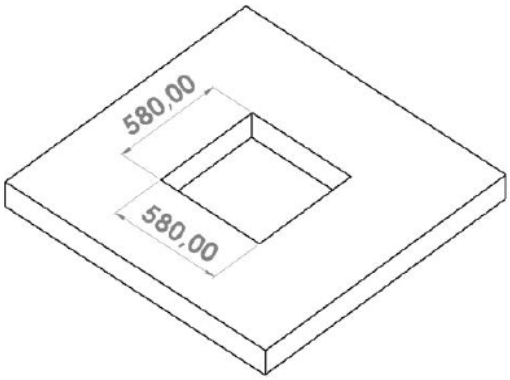
TABLE OF COOLING (W - CM) CEILING MONOB. ISOL702C Refrigerant R455A

COLD ROOM T.	-25 °C		-20 °C		-15 °C	
AMBIENT T.	W	M^3	W	M^3	W	M^3
25 °C	1672,8	16,0	2022,9	23,9	2394,9	30,4
32 °C	1487,6	12,7	1822,5	19,0	2177,6	25,4
38 °C	1240,7	9,4	1570,9	14,9	1920,1	20,5
43 °C	1099,7	7,6	1415,5	10,9	1749,2	15,4

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;