

WALL PLUG-IN MONOBLOCK TECHNICAL DATA SHEET MOD. IPAM401A

Technical data

Type	Compact
Mounting	Wall
Code	IPAM401A
Condensation	Air
Net weight	50,0 Kg
PED	1
Defrost	Hot gas
Expansion	Capillary
Application	MBP
Refrigerant	R452A

Dimensions

Width W	400 mm
Depth D	922 mm
Height H	800 mm

Absorption

Power consumption	610 W – 670W
Current consumption	4,2A - 5,22A

Condenser

Number of fan-motors	1
Diameter	254 mm
Air flow	750 m ³ /h

Evaporator

Number of fan-motors	1
Diameter	254 mm
Air flow	800 m ³ /h
Air throw	6 m

Compressor

Type	Hermetic
Number of compressors	1 (AE4450Z)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	8.85 cm ³ -1/3hp



LED light



Magnetic door micro-switch

Table of cooling capacities in W and in cold room m³ - MOD. IPAM401A - R452A

AMBIENT T.	COLD ROOM T.									
	5°C		2°C		0°C		-2°C		-5°C	
	W	m ³	W	m ³	W	m ³	W	m ³	W	m ³
25°C	1030	12,5	950	9,3	900	7,8	850	6,7	770	5
32°C	940	7,8	870	5,9	820	4,9	770	4,1	700	3,1
38°C	860	5,8	790	4,4	750	3,7	700	3	700	3
43°C	790	5,1	720	3,8	680	3,1	640	2,6	580	1,9

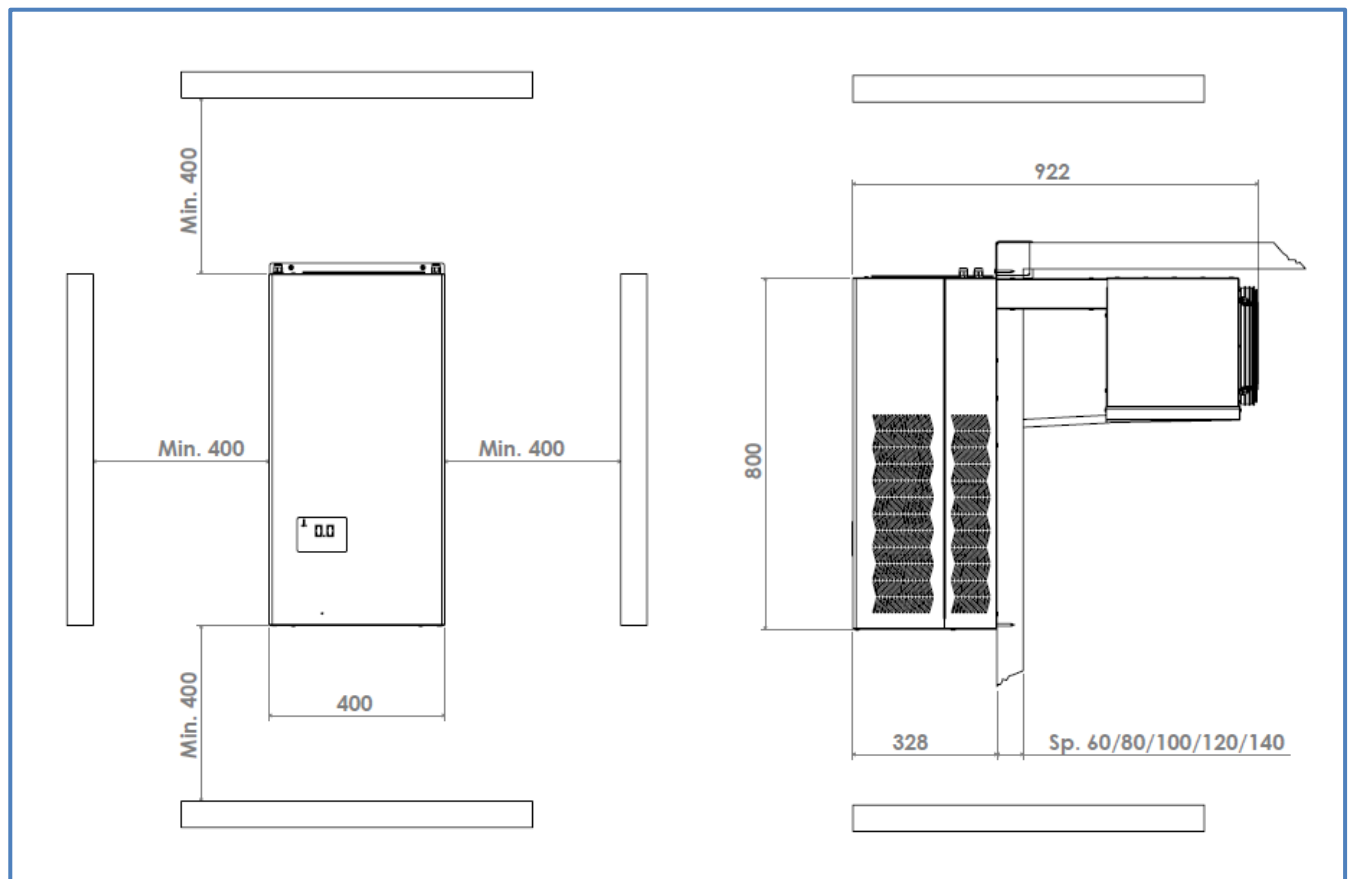
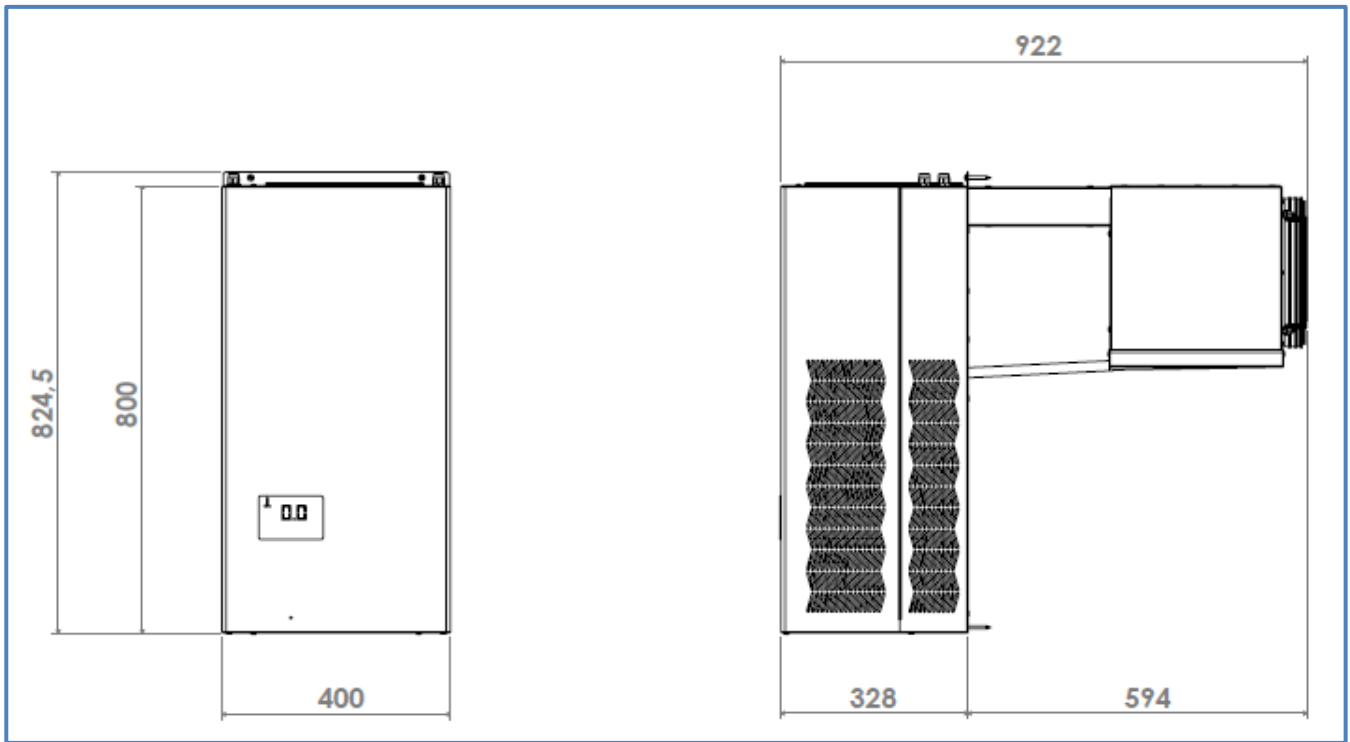
Technical features (standard)

- Structure in zinc-plated metal sheet coated with epoxy primer and powder;
- Easily removable front cover to facilitate both verification and maintenance operations;
- Internal arrangement of components designed to facilitate their maintenance;
- Hermetic compressors with thermal motor protection;
- Heat exchangers with striped copper and aluminium pipes;
- Air condensation;
- Air evaporation;
- Capillary or thermostatic valve expansion;
- Programmable hot gas defrosting;
- 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;
- 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;
- Condenser fan speed control with pressure switch;
- Condenser fan speed control with pressostatic speed variator;
- Compressor crankcase heater
- 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;
- Packaging with wooden cage;
- Cataphoresis treatment on evaporator and/or condenser;

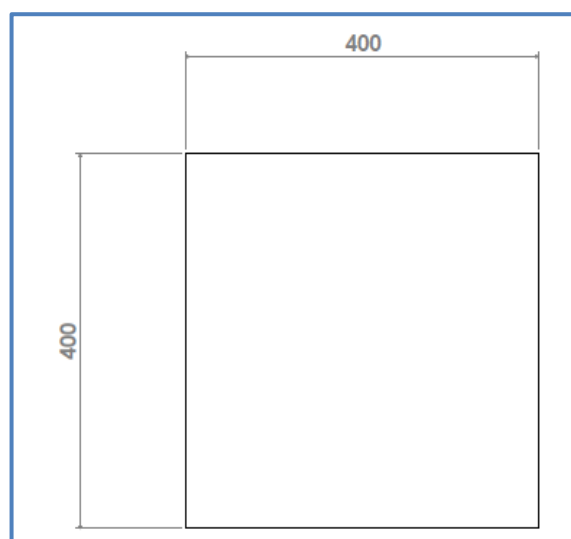
400 series wall monoblock dimensions



**Wall monoblock “PLUG-IN” version
(STANDARD)**



Hole size in the cold room panel



**Wall monoblock “SADDLE” version
(OPTIONAL)**



Hole size in the cold room panel

