

WALL PLUG-IN MONOBLOCK TECHNICAL DATA SHEET MOD. IPAM801A

Technical data

Type	Compact
Mounting	Wall
Code	IPAM801A
Condensation	Air
Net weight	90 Kg
PED	1
Defrost	Hot gas
Expansion	Valve
Application	MBP
Refrigerant	R452A

Dimensions

Width W	800 mm
Depth D	1154 mm
Height H	800 mm

Absorption

Power consumption	2025 W
Current consumption	8,5 A

Condenser

Number of fan-motors	2
Diameter	300 mm
Air flow	2600 m ³ /h

Evaporator

Number of fan-motors	2
Diameter	300 mm
Air flow	2800 m ³ /h
Air throw	8 m

Compressor

Type	Hermetic
Number of compressors	1 (CAJ4519Z)
Brand	TECUMSEH
Voltage	220-240V/1~50Hz 400V/ 3~ 50Hz
Displacement	34.5 cm ³ -1,5 hp



LED light



Magnetic door micro-switch

Table of cooling capacities in W and in cold room m³ - MOD. IPAM801A - 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	4100	68,5	3770	52,9	3560	44,9	3360	41,5	3060	32,6
32°C	3740	50	3440	39	3250	33,2	3060	30,3	2780	23,8
38°C	3420	40,6	3140	31,7	2960	26,9	2780	24,2	2520	18,9
43°C	3130	36,2	2870	28,1	2700	23,8	2540	21,4	2300	16,7

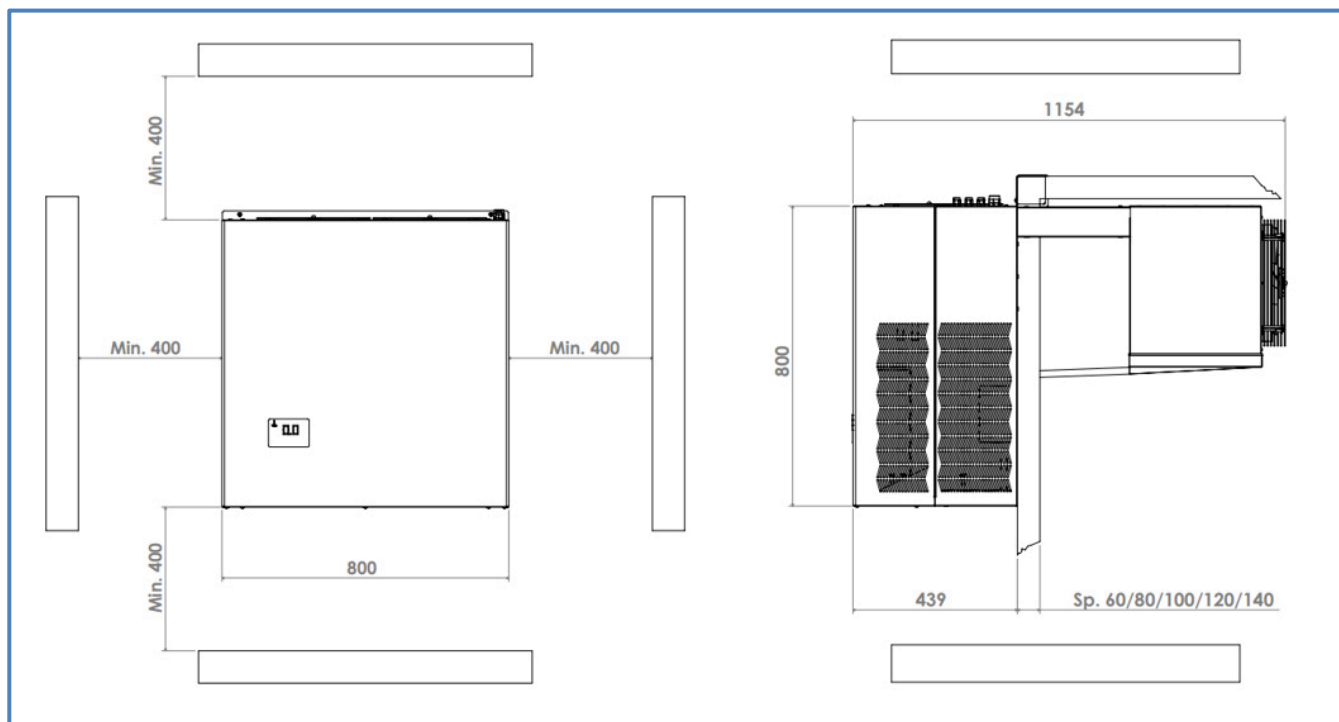
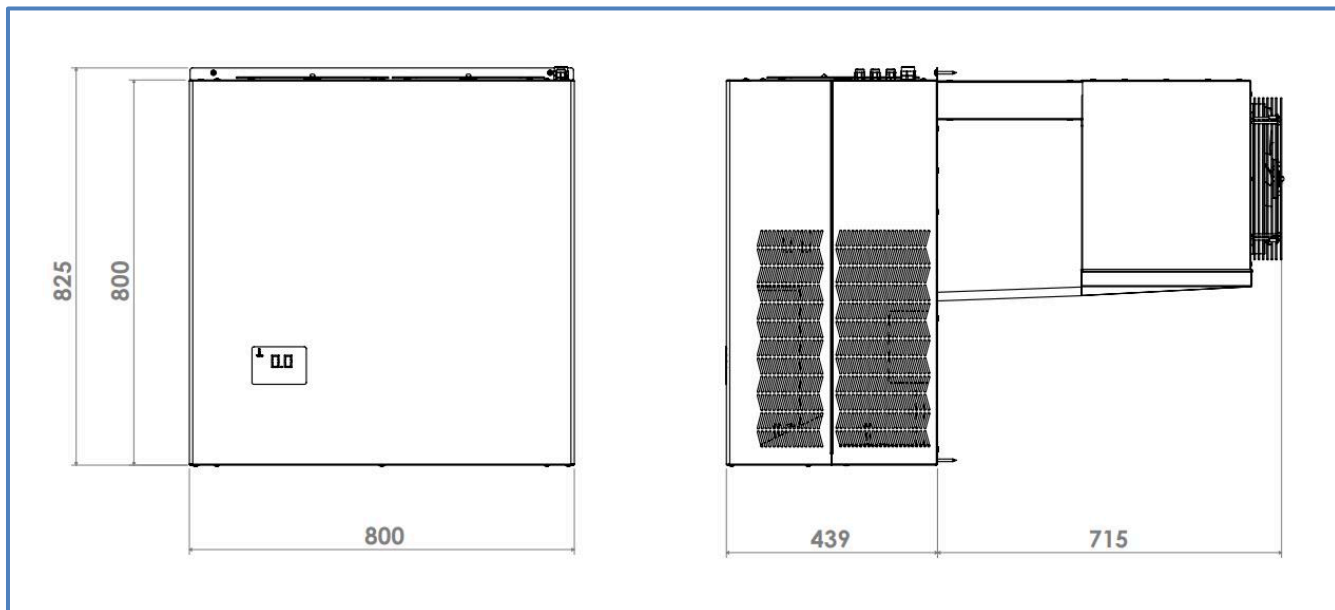
Technical features (standard)

- 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;

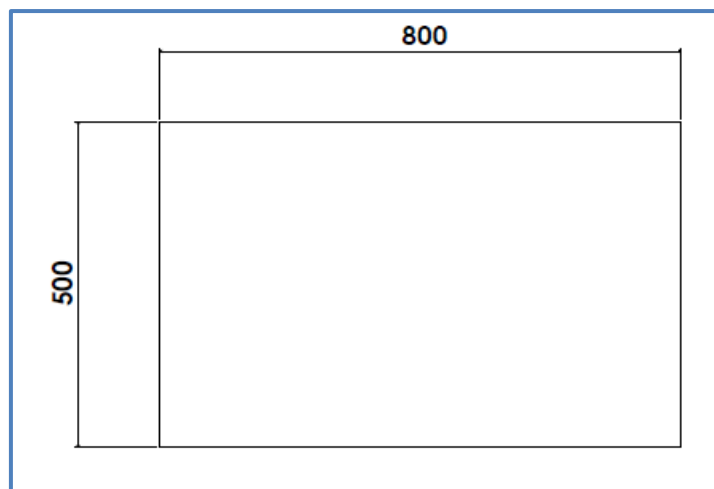
800 series wall monoblock dimensions



**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

