

## WALL PLUG-IN MONOBLOCK TECHNICAL DATA SHEET MOD. IPAL601A

### Technical data

Type	Compact
Mounting	Wall
Code	IPAL601A
Condensation	Air
Net weight	80 Kg
PED	1
Defrost	Hot gas
Expansion	Valve
Application	LBP
Refrigerant	R452A

### Dimensions

Width W	600 mm
Depth D	1004 mm
Height H	800 mm

### Absorption

Power consumption	1180 W
Current consumption	6 A

### Condenser

Number of fan-motors	1
Diameter	300 mm
Air flow	1500 m <sup>3</sup> /h

### Evaporator

Number of fan-motors	1
Diameter	300 mm
Air flow	1500 m <sup>3</sup> /h
Air throw	5 m

### Compressor

Type	Hermetic
Number of compressors	1 (CAJ2464Z)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	34.5 cm <sup>3</sup> -1,5hp



LED light



Magnetic door micro-switch

**Table of cooling capacities in W and in cold room m<sup>3</sup> - MOD. IPAL601A - R452A**

AMBIENT T.	COLD ROOM T.					
	-15°C		-20°C		-25°C	
	W	m <sup>3</sup>	W	m <sup>3</sup>	W	m <sup>3</sup>
25°C	1660	30,4	1400	17,7	1170	10,6
32°C	1500	17,9	1270	11	1050	6,3
38°C	1370	12,9	1150	7,7	940	4,4
43°C	1250	10,8	1040	6,4	850	3,7

### 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;

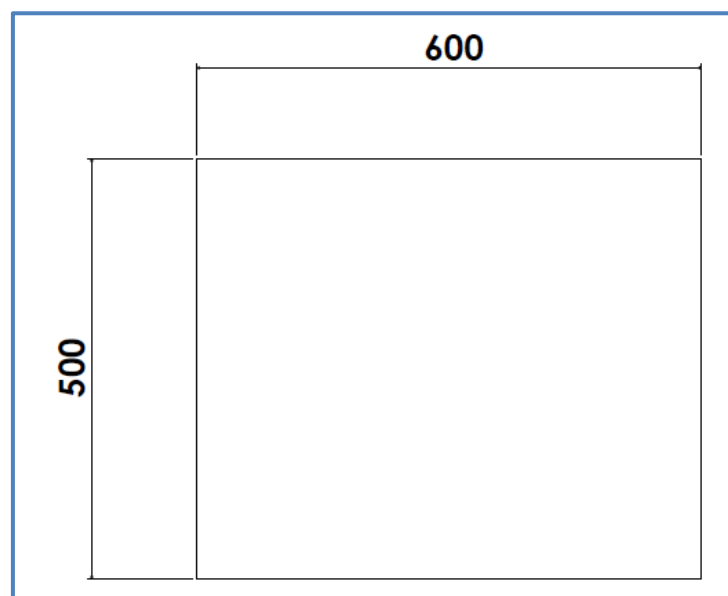
### 600 series wall monoblock dimensions



**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**

