

## WALL PLUG-IN MONOBLOCK TECHNICAL DATA SHEET MOD. IPAL602A

### Technical data

|              |          |
|--------------|----------|
| Type         | Compact  |
| Mounting     | Wall     |
| Code         | IPAL602A |
| 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   | 2315 W |
| Current consumption | 8 A    |

### Condenser

|                      |                        |
|----------------------|------------------------|
| Number of fan-motors | 1                      |
| Diameter             | 300 mm                 |
| Air flow             | 1400 m <sup>3</sup> /h |

### Evaporator

|                      |                        |
|----------------------|------------------------|
| Number of fan-motors | 1                      |
| Diameter             | 300 mm                 |
| Air flow             | 1400 m <sup>3</sup> /h |
| Air throw            | 5 m                    |

### Compressor

|                       |                           |
|-----------------------|---------------------------|
| Type                  | Hermetic                  |
| Number of compressors | 1 (FH2480Z)               |
| Brand                 | TECUMSEH                  |
| Voltage               | 220-240/1/50              |
| Displacement          | 54.3 cm <sup>3</sup> -2hp |



LED light



Magnetic door micro-switch

**Table of cooling capacities in W and in cold room m<sup>3</sup> - MOD. IPAL602A - 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       | 2320         | 51,7           | 1960  | 30,5           | 1630  | 18,3           |
| 32°C       | 2100         | 31,5           | 1760  | 18,9           | 1440  | 11             |
| 38°C       | 1830         | 21,5           | 1500  | 12,3           | 1180  | 6,8            |
| 43°C       | 1660         | 18             | 1340  | 10,1           | 1040  | 5,4            |

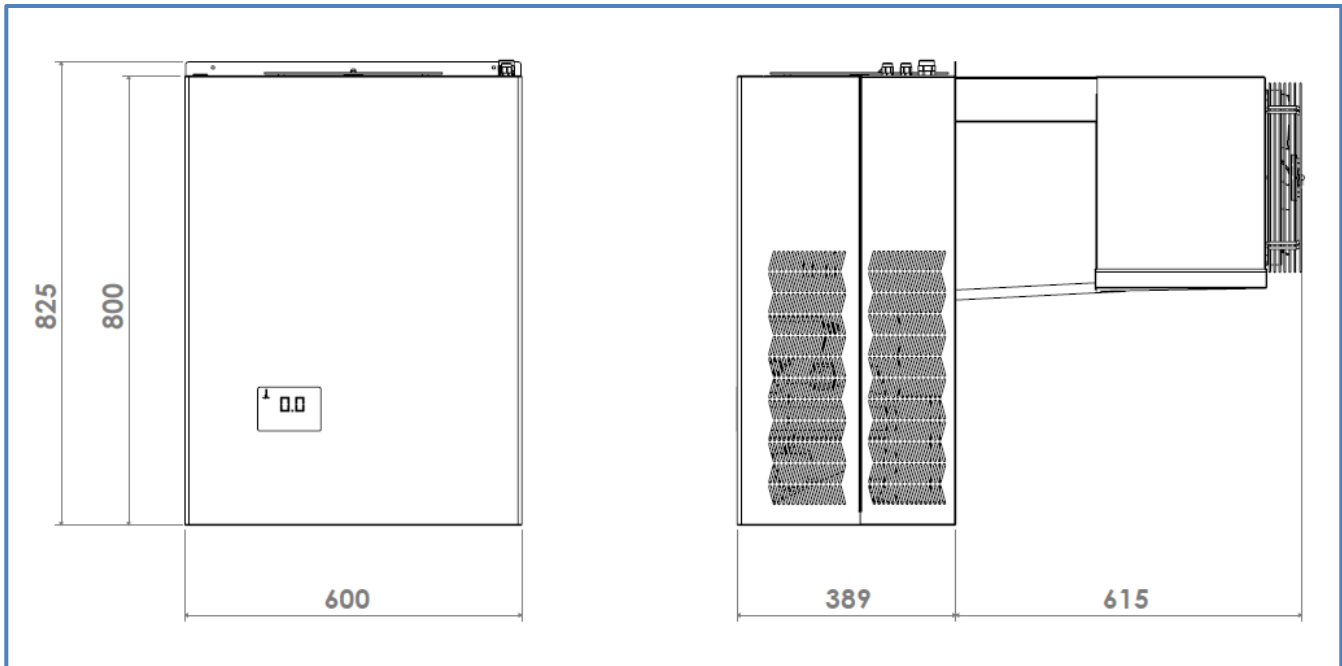
### Technical features (standard)

- 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;

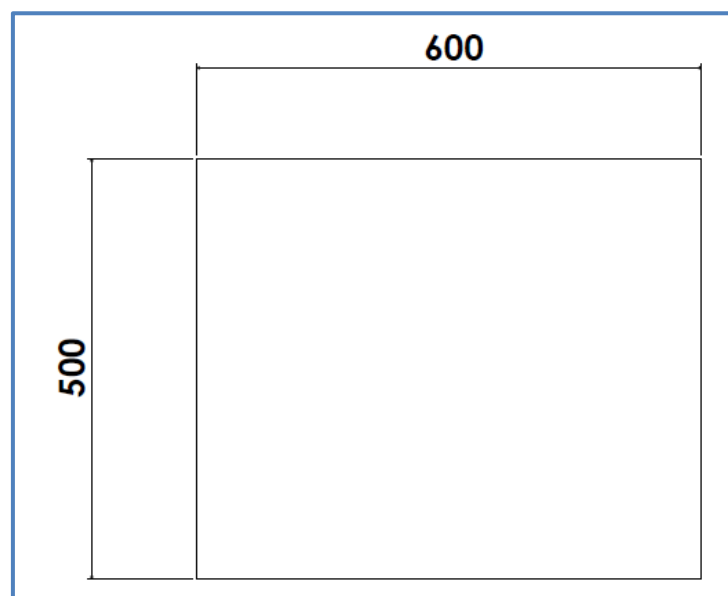
### 600 series wall monoblock dimensions



**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**

