

## SPLIT UNIT TECHNICAL DATA SHEET

### Technical data

Type	Low noise Split
Code	ISSL031AET
Condensation	Air
Net weight	86 Kg
PED	1
Defrost	Electrical
Expansion	Valve
Application	LBP
Refrigerant	R452A

### Dimensions

Width L	800
Depth P	400
Height H	610

### Pipe fittings

Liquid diam.	10 mm
Suction diam.	16 mm

### Absorptions

Power consumption	1190 W
Current consumption	6.5 A
Power defrost	740 W

### Condenser

Fans no.	1
Diameter	350 mm
Air flow	1945 m <sup>3</sup> /h

### Evaporator

Fans no.	2
Diameter	250 mm
Air flow	1229 m <sup>3</sup> /h
Air throw	5 m

### Compressor

Type	Hermetic
Compressors no.	1 (CAJ2464Z)
Brand	TECUMSEH
Voltage	220-240/1/50
Displacement	34.5 cm <sup>3</sup> - 1.5 hp



Indicative product Image



LED light



Magnetic door micro-switch

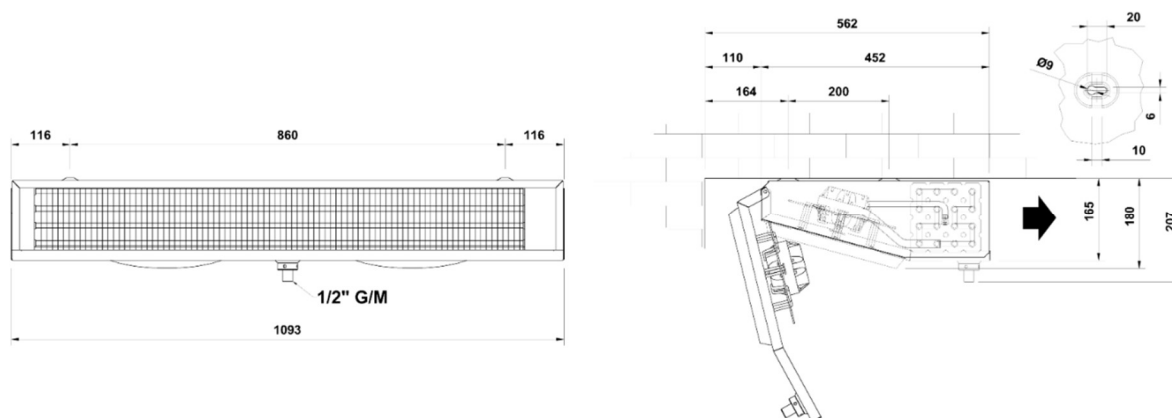
### Versions

- Standard vers. with angular evaporator;
- Cubic evaporator vers.

**Table of Split unit cooling capacities in W - 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	1654	18,9	1400	13,3	1166	9,2
32°C	1506	14,5	1269	10,1	1050	7
38°C	1374	11,4	1153	8	949	5,5
43°C	1258	9,3	1051	6,5	860	4,4

### Evaporator dimensions



### Technical features (standard)

- Structure in zinc-plated metal sheet coated with epoxy primer and powder;
- Sound insulation;
- Internal arrangement of components designed to facilitate maintenance;
- Heat exchangers with copper tubes and aluminium fins;
- Air condensation;
- Air evaporation;
- Electrical defrost;
- Liquid receiver;
- Drier filter;
- Liquid indicator;
- Solenoid valve on the liquid line;
- High-pressure switch (automatic reset/fixed setting);
- Condensing unit under nitrogen pressure;
- Electronic control unit;
- **Expansion by thermostatic valve;**
- **Low-pressure switch (automatic reset);**
- **Condenser fan speed control with pressure speed variator;**
- **Control unit designed for remote management via Wi-Fi module (optional);**
- **Fans evaporator + defrost heaters Cable L=10m;**
- **Evaporator temp. probes + cold room Cable L=10m;**
- **Cold room light with cable L=10m;**
- **Magnetic micro-switch with cable L = 10m;**
- **Remote control panel with cable 10m;**
- **Power cable L=2,5m;**
- **Packaging with wooden pallet and cardboard (included);**

### Optional on request

- Refrigerant charge without piping;
- Pipes for evaporator connection L= 5/10/15/20/30m;
- Oil separator;
- Liquid separator;
- Compressor crankcase heater;
- Wi-Fi module for remote management;
- Remote control panel with cable L= 15/20/30m;
- Length increase for machine's power cables, light cable, door micro-switch cable and remote control panel (15/20/30m);
- Voltage monitor for three-phase application;
- Cataphoresis treatment on evaporator and/or condenser;
- Packaging with wooden cage;