

# RT

Precision Air Conditioning



## Precision Air Conditioners ROOF TOP



**RT CLIMA PROCESSOR** is a **compact ROOF TOP direct expansion** air conditioning unit.

Designed to maintain **precise temperature and humidity** condition into shelters used for technical purposes.

Frame completely made by aluminum with special painting to **minimize the weight** and assure **high resistance** against corrosion.

Available with **air flow** interfaces on the **bottom** [D] or on the **lateral side** [F] version with a **complete range of accessories**.

**Reduced noise level** and fined tuned regulation by using scroll compressors and last generation of the **EC plug-in radial fans**.

**BLDC inverter compressor** version available

**Heat pump** version available

**Extreme summer** working condition (+55°C)

**Customized solution** available on request.

# RT



- Painted aluminum frame with sandwich panels
- EC "Plug-in" centrifugal fan backward blades
- Microprocessor control with PGD end user interface
- Scroll Compressor
- R410A refrigerant

**Options:**

- High external temperature version
- Heating: electric or heat pump
- Humidity and de-humidity systems
- High ESP fans
- RS485 card: Modbus, Ethernet, LON, BACnet
- Alarms: Water, Filter, Fire/Smoke
- Touch screen
- Fresh air intake
- BLDC compressor
- Heat Pump heating system
- Sand trap kit
- Air filters F5, F7
- Special coils
- Special color
- Customized solution on demand
- Other refrigerants (e.g. R32 or R134a)

		SIZE					
RT F		15	20	25	30	35	40
Total Capacity	kW	16.2	21.8	26.3	31.3	35.7	41.3
Sensible Capacity	kW	12.5	16.6	20.0	23.8	27.5	31.0
Heat Pump Heating Capacity	kW	16	20.6	25.7	29.5	34.8	40.2
Power Input	kW	5.1	6.6	8.1	9.4	10.9	12.8
Total Air Flow	m3/h	3 200	4 000	4 800	5 800	6 000	6 700
Sound Pressure Level	dB(A)	47	49	51	52	55	57
Length	mm	1742				2242	
Width	mm	1250				1650	
Height	mm	1310		1510		1710	
Weight	Kg	360	365	380	380	440	455

		SIZE				
RT D		10	15	20	25	30
Total Capacity	kW	10.4	15.7	21	25.5	29.6
Sensible Capacity	kW	8	12.1	16	19.6	23.1
Heat Pump Heating Capacity	kW	10	15.2	20.4	25	29.2
Power Input	kW	3.6	5.1	7.3	8.9	10.3
Total Air Flow	m3/h	2900	3200	4000	4800	5800
Sound Pressure Level	dB(A)	48	49	51	53	56
Length	mm	1825			2225	
Width	mm	1430			1830	
Height	mm	925			1225	
Weight	Kg	290	300	300	420	430

Room air conditions 24°C, 50%R

