



Global Defence Solutions

SPT10R AIR-CONDITIONING UNIT

Deployable heating and cooling system

The SPT10R is a man portable HVAC unit capable of both heating and cooling.

Featuring an internal evaporator (IU) and an external condenser unit (EU), which are connected via quick connect / disconnect high pressure hoses and electrical cabling. Cooling is achieved by an efficient scroll compressor and R513a refrigerant capable of cooling at an outside ambient temperature of +50°C. Heating can be achieved by reverse cycle of the system, down to an outside ambient temperature of 5°C, after this the configurable electrical elements are used to achieve heating down to an outside ambient temperature of -30°C.



Type: Reversible Split System

Panels / Frame Colour: Green PIR OTAN 24X5 / Black

PERFORMANCES	
Cooling mode @ int./ext.temp.	35°C/50°C
Cooling power	9,5 kW
Electrical power	5,2 kW
Heating (Reversible mode) @ int./ext. temp	7°C/20°C
Heating power	10,0 kW
Electrical power in reversible mode	4,2 kW
Heating (Electrical resistance)	
Heating power (Configurable up to)	15,0 kW
ELECTRIC DATA	
Power supply	400V / 3P+N+E / 50Hz
Max. Amperage (Configuration Pending)	23 A
Power lead cable	5G2,5 ²
COOLING DATA	
Heat exchanger	Copper / Aluminium
Compressor	Scroll
Refrigerant	R513a
Pressure	Thermostatic

REGULATION	
Pressure regulator integrated in the external unit	1
Remote thermostat	1
INTERNAL UNIT (IU)	
Blower	1
Type	Centrifugal
Air flow	2400 m ³ /h
Rotation speed	1400 tr/min
NOISE	
EU Noise level @ 3m	62 dB(A)
IU Noise level @ 3m	55 dB(A)
PACKING DATA	
Weight UE/UI	110/51 kg
Height UE/UI	87/82 cm
Length UE/UI	115 cm
Width UE/UI	48 cm
INCLUDED	
Refrigerant hoses	2 x 2.5m
10 m power supply cable	1
2,5m power lead cable UE/UI	1
Thermostat	Yes
OPTIONS	
Fresh air inlet	1
Air distribution hose	Ø315 mm

The technical information given in this document could be modified or updated without any communication.