



DC 7200 Split Air Conditioner

dehumidifier for mining rescue applications



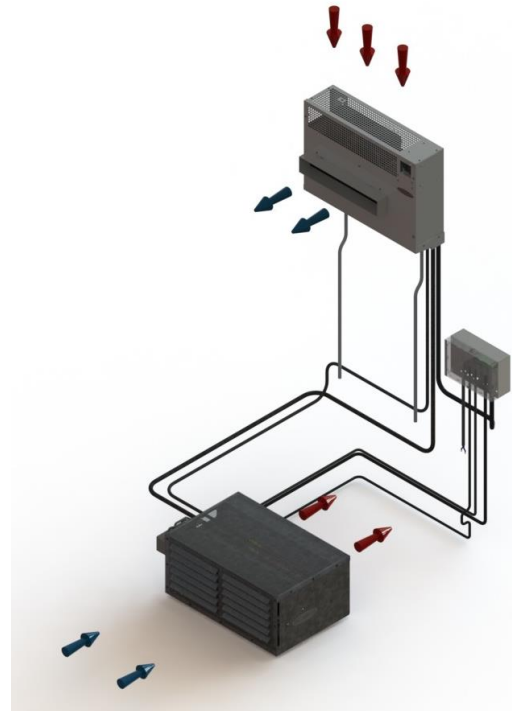
This split -type air conditioner is designed to cool and dehumidify underground mining refuge stations with a capacity of 10-15 people shelters.

It combines powerful cooling with a high water condensing capacity up to 2 liters per hour even with low humidity. Which is much higher than a normal AC.

The cooling duty of this fully dc powered air conditioner is 2-3 higher than a 115/230 VAC unit with the same cooling capacity.

Therefore the drain on the batteries is much lower. With no power surge during start-up.(soft start)

The inbuilt PLC controller with display shows diagnostics. The optional advanced controller allows remote management through internet. The indoor evaporator is connected to the outdoor condenser with hoses and cables of 3 meter length. The hoses can be disconnected and reconnected from the condenser without losing any refrigerant by means of self -sealing quick connectors. Unit is pressure tested, charged and fully tested before delivery.



Cooling Capacity 30/35 BTU/Watt	7200 /2100
Cooling Capacity 27/35 BTU/Watt	6100 /1800
Airflow in the Shelter CFM / M3/h	388 / 660
Water condensing capacity 30 C / 70% RH	1,9 liter per hour
Power Consumption Watt 100% duty cycle	720 / 30 amps
Power Consumption Watt 50% duty cycle	360
Max allowable temperature Celsius	55
Outdoor /indoor noise dB(A)	79 / 65
Size indoor unit	676W x 588H x 155D
Size outdoor unit	710W x 320H x 460D
Refrigerant hose length	3 meter
Refrigerant	R134A 1600 gram
Voltage VDC	24
Weight	65 kg

cooling duty varies on climatic conditions and altitude-always consult factory for specific applications ▪

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