

Colux Rooftop air conditioners

Colux: Rooftop packaged units are single packaged which is factory assembled, tested and shipped completely with compressor, evaporator and condenser coils, fans and controls. These packages are designed for outdoor installation, and they may be used for cooling only or cooling and heat pump. Cooling capacity: From 3 ton to 40 ton. Heating capacity: From 3.5 ton to 58 ton. Cooling only and heat pump versions. Front, side and underside air discharge of the treatment unit. High efficiency scroll compressor for the whole range, with built-in thermal overload cut-out and crankcase heater, mounted on rubber vibration dampers. Ripple type acoustic insulation for compressor section, and thermal insulation for coil and fan section, low noise. Panels and frame are made from galvanized metal steel protected with polyester powder painting to ensure total resistance to atmospheric agents. Electric panel consists of breakers and contactors for compressors and fan motors, phase sequence relay and other necessary protection devices for the main components. High external pressure, long air supply distance. Forward curve centrifugal fans for air treatment section and axial fans for condensation section.



Specification:

Model	ACRT3 6	ACRT 51	ACRT 84	ACRT 103	ACRT 119	ACRT 168	ACRT1 94	ACRT 238	ACRT 291	ACRT 357	ACRT 388	ACRT 476
BTU	36000	51500	84500	103600	119000	168000	194000	238000	291000	357000	388000	476000
Ton	3	4.31	7.041	8.63	9.91	14	16.16	19.83	24.25	29.75	32.33	39.66
Casing	Matel	Matel	Matel	Matel	Matel	Matel	Matel	Matel	Matel	Matel	Matel	Matel
Condenser fan motor type	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven	Propeller Type direct driven
Evaporator Blower	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal	Forward Curved Centrifugal
Refrigerant	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
Electric supply	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz	380/415 -V 3ph 50 Hz

Compressor: Reciprocating or scroll units are used in all above mention models for better Performance.

Note: The capacity is based on evaporator entering air at 80° FDB (26.6°C), 67°FWD (19.5°C) and condenser air entering temp at 95°FDB (35°C).

Company reserves the right to change specification with out any prior notice.

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