

Air Conditioning Unit

ACU1 & ACU2



ACU1 - INDOOR



ACU2 - OUTDOOR



FEATURES

- » Low noise and vibrations
- » Easy Maintenance design
- » Effective fresh cooling
- » Efficient filter for dust protection
- » High quality MS CRCA or SS 304, SS 316 MOC as per requirement
- » Excellent thermal insulation for better performance

ADVANTAGES

- » 100% tested for performance on specially created testing facility for onsite load conditions.
- » Equipment design is very user friendly with full and easy service access to all components for regular service.
- » Unit's unique design and component reliability ensures minimum servicing except routine filter condenser cleaning or general maintenance.
- » This can work within harsh environment and of 8°C to 50°C areas.

DESCRIPTION

The basic requirements for any Air Conditioning Unit is to perform according to given parameter with trouble free operations. These are at mainly remote locations or at very challenging locations or experiencing extreme weather conditions.

AXIS brings you the equipment to meet diverse and exacting demand which runs trouble free for 24x7 in Power generation sector, Chemical Plants, Steel Plants, Process Automations, Porta Cabins, Drive Panels, PLC Panels, Instruments Panels, Textile Machine Panels, Food Processing machinery etc.



ACU1100



ACU2150

ACU1 - INDOOR

TECHNICAL SPECIFICATIONS

Details	ACU1035	ACU1085	ACU1100	ACU1150	ACU1300	ACU1300P
Power Supply	1-Phase / 230 VAC, 50 Hz					
Current Consumption	≈ 3.63A	≈ 3.80A	≈ 3.85A	≈ 4.10A	≈ 8.85A	≈ 10.25A
Type of connection	Screw type terminals with cable glands					
Dimensions in mm (H X W X D)	710 x 300 x 254	735 x 350 x 264	850 X 350 X 193	900 x 475 x 263	1144 x 500 x 335	962 x 640 x 657
Cooling Capacity @35° C	390 W	890 W	1000 W	1820 W	4200 W	3500 W @
Air Flow in CFM (Free Flow)	150 / 260	160 / 450	150 / 300	180 / 500	480 / 790	400 / 900
Type of Refrigerant	R134a					
Compressor Type	Reciprocating					
Temperature Controller	30° C (Factory Set Point)					
Duty Cycle	100%					
Operating Ambient Temperature	8° C to 50° C					
Weight (Without packing)	28 kg	33 kg	31 kg	44 kg	75 kg	81 kg
Color	RAL7035 (Other on request)					
Housing Design	MS CRCA Powder Coated (Other on request)					
IP Class	IP 34 (For External) / IP 54 (For Internal) *					

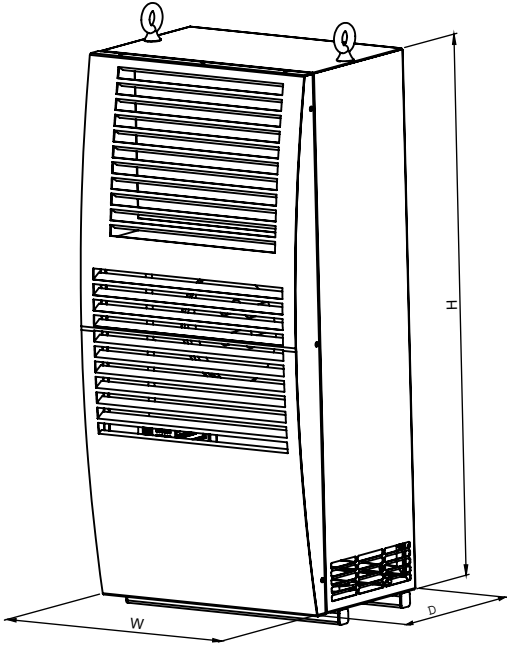
Note : (*) ACU1100 IP certificate not available

ACU2 - OUTDOOR

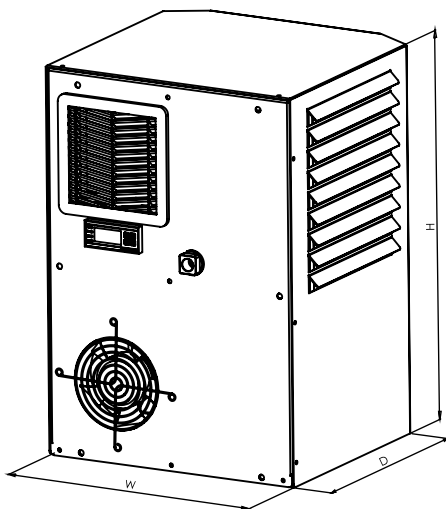
TECHNICAL SPECIFICATIONS

Details	ACU2035	ACU2085	ACU2150	ACU2300
Power Supply	1-Phase / 230 VAC, 50 Hz			
Current Consumption	≈ 1.6A	≈ 3.80A	≈ 2.9A	≈ 8.0A
Type of connection	Screw type terminals with cable glands			
Dimensions in mm (H X W X D)	487 x 339 x 318	700 x 320 x 350	803 x 330 x 405	965 x 620 x 560
Cooling Capacity @35° C	390 W	890 W	1750 W	4200 W
Air Flow in CFM (Free Flow)	150 / 260	160 / 450	180 / 500	480 / 790
Type of Refrigerant	R134a			
Compressor Type	Reciprocating			
Temperature Controller	30° C (Factory Set Point)			
Duty Cycle	100%			
Operating Ambient Temperature	8° C to 50° C			
Weight (Without packing)	25 kg	31 kg	40 kg	87 kg
Color	RAL7035 (Other on request)			
Condenser Coil	Blue fins (Anti corrosive)			
Housing Design	MS CRCA Powder Coated (Other on request)			

DIMENSION DETAILS



ACU1



ACU2

ORDERING INFORMATION

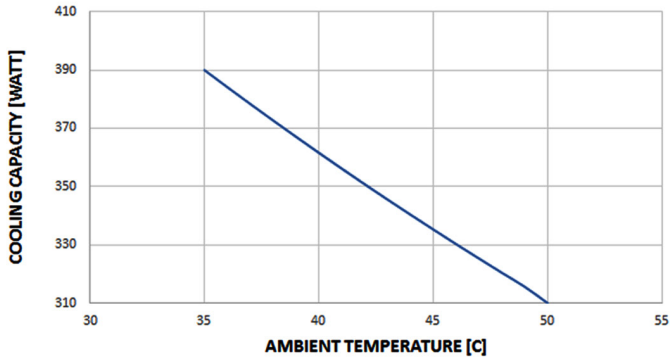
ACU1		
Capacity		
035		350W
085		850W
100		1000W
150		1500W
300		3000W
Power Supply		
0		115 VAC, 50Hz (For Future)
1		230 VAC, 50 Hz
Housing Material		
0		MS CRCA Sheet Steel Painted
1		SS 304
2		Others
Alarm Option		
0		Without
1		With
CE Certified		
0		Without
1		With

ACU2		
Capacity		
035		350W
085		850W*
150		1500W
300		3000W
Power Supply		
0		115 VAC, 50Hz (For Future)
1		230 VAC, 50 Hz
Housing Material		
0		MS CRCA Sheet Steel Painted
1		SS 304
Alarm Option		
0		Without
1		With

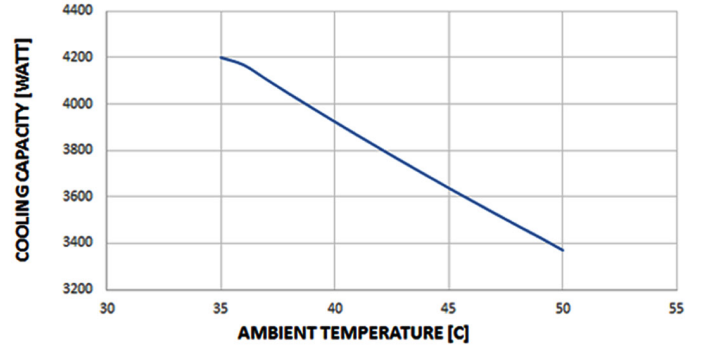
Note : (*)ACU2085 Under beta testing

PERFORMANCE CHART FOR ALL UNITS

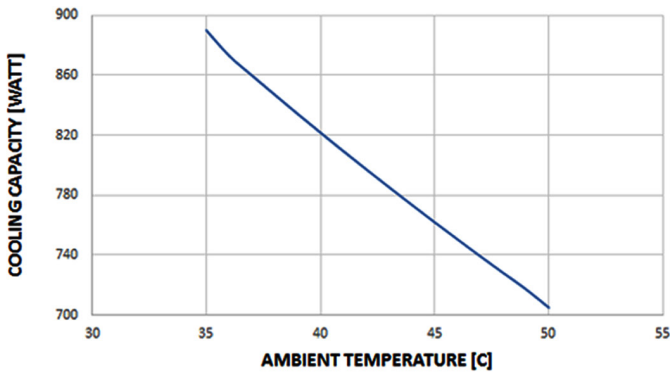
ACU1035 & ACU2035



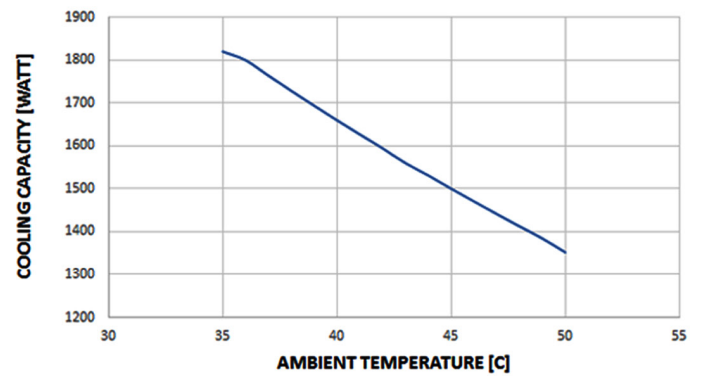
ACU1300 & ACU2300



ACU1085



ACU1150



ACU2150

