



**Bharat Heavy Electricals Limited, Bhopal
Control Equipment Engineering Division**

**PURCHASE SPECIFICATION
OF
Wall Mounted Panel Air Conditioner
For
COMPOSITE MONITORING SYSTEM-OUTDOOR**



SPECIFICATION NO. : PS407200
REVISION NO. : REV 00
DATE OF REVISION : 04/10/2016

	Name:	Designation	Signature:
Prepared By:	Ankur Saxena	Sr. Design Engineer	
Approved By	S.K.Biswas	Sr. DGM	



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1. SCOPE :

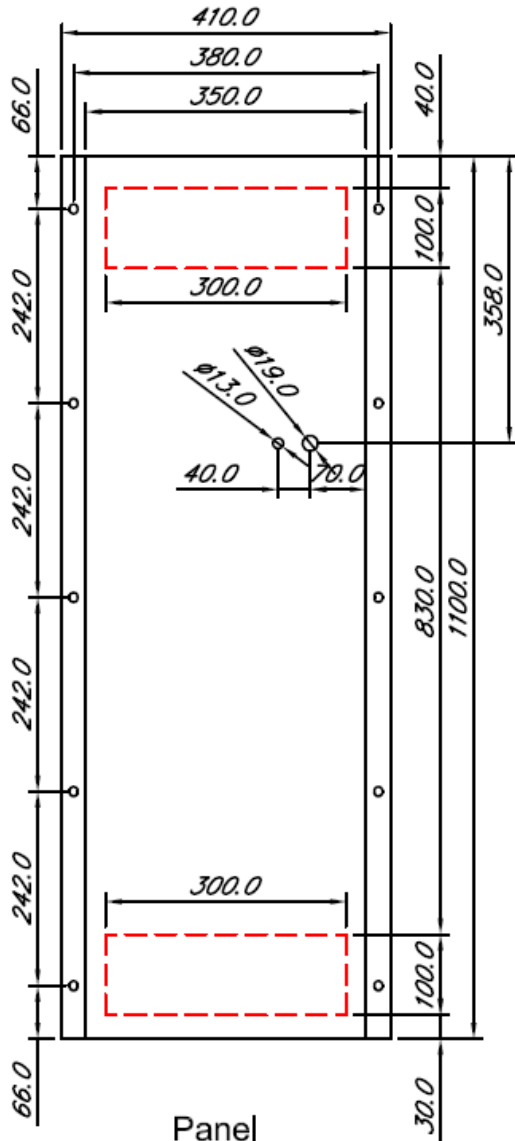
This specification applies to the requirement of Wall mounted Panel Air conditioner

2. CONTEXT:

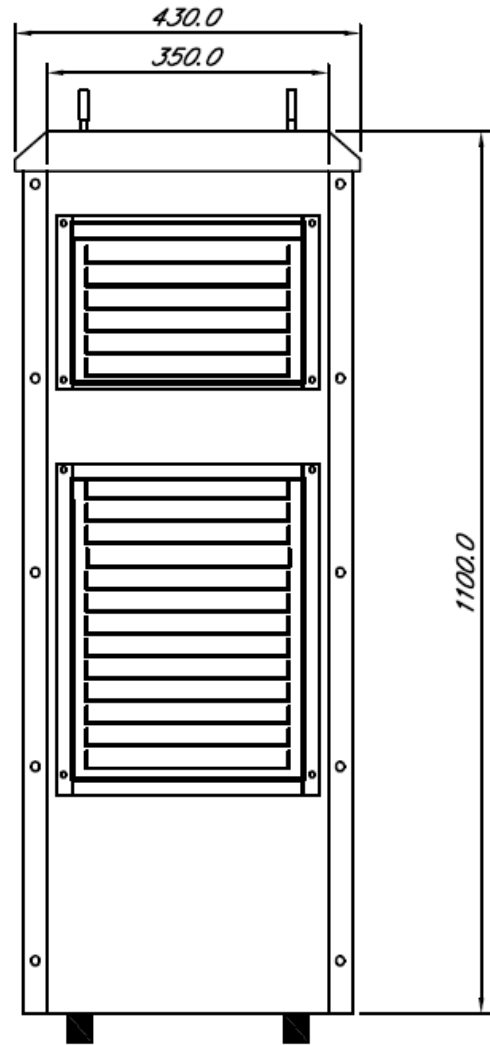
This document specifies a Wall mounted Air conditioner of 1000 Watts. The AC shall be used use in cubicle of Composite monitoring system of Power transformers. The specifications are as follows.

ITEM	SPECIFICATIONS	MAKE
Mounting :	Side Mounting	
Cooling Capacity :	1000 watts	
Maximum Ambient :	55 deg. Celcius	
Ambient Temp. Range :	+10°C to + 55°C	
Refrigerant:	R 134a	
Compressor:	Rotary Type	Highly / Equivalent
Condenser :	Air Cooled, Copper tube with Aluminium fins	
Refrigeration Parts :	Expansion Device : Capillary Drier	Sporlon / Dry All / Danfoss / Equivalent
Structure :	GI sheets, Painted suitably for outdoor application, Color Shade : RAL 7035	
Weight (Net) Approx :	45 Kgs.	
Electrical Specifications :	Power Supply : 1 Phase, 50 Hz. Voltage : 230 V Evaporator : Imported Backward Curve type Condensor : Imported Backward Curve type	
Temperature Controller :	Digital type with display	Subzero / Equivalent
Safety :	HP cut off switch	Danfoss / Equivalent
Duty Cycle :	100%	
Type of Connection :	3 mtr. Cable	

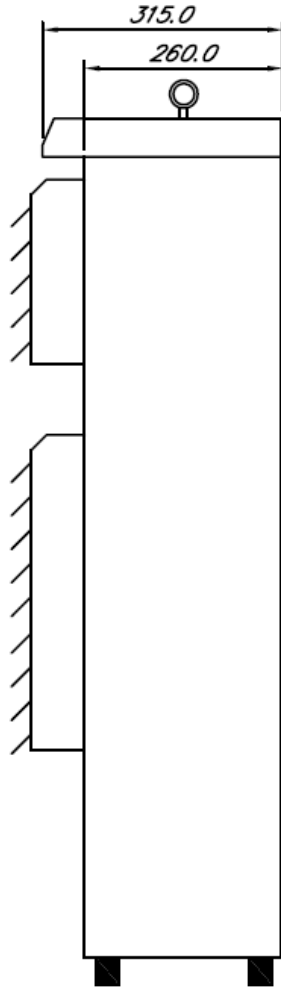
The dimension of the AC shall be as per the below figure. The Panel cut out and overall outside dimensions , to be maintained as the Cubicle for the application is designed considering the above dimensions.



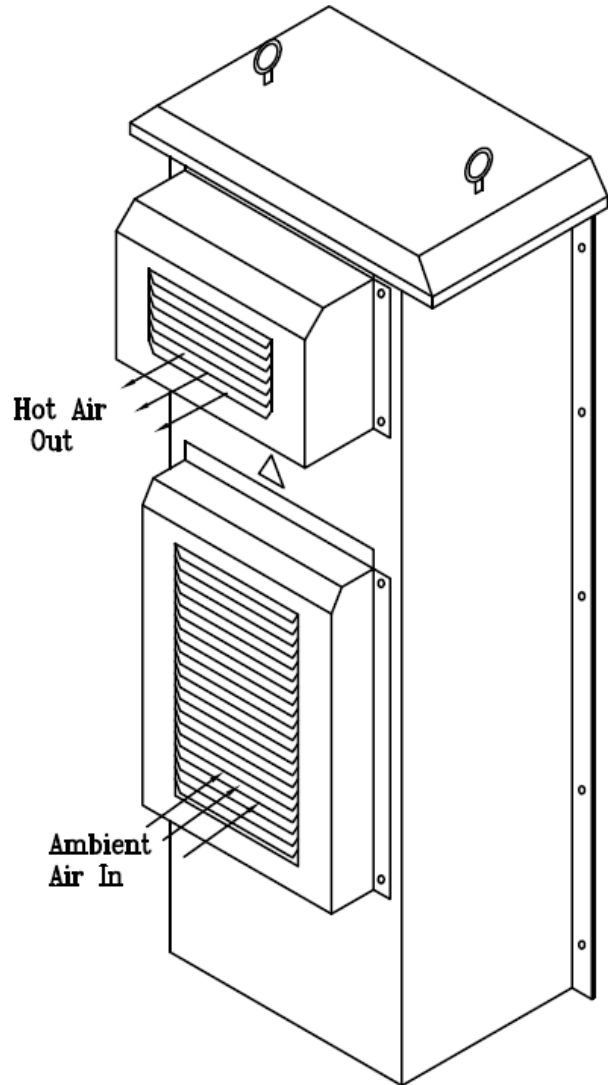
Panel
Cut-Out Details



Front View



Side View



Isometric View

3. WARRANTY:

Supplier shall provide the guarantee / warrantee for the offered transformer for 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.