PBDRY-SDPP454527 - Dry Series Paint shop plant, Side Draft, Positive Pressurized

Sr.	Description	Size	Details	Quantity
1.	Paint Spray Booth	4.5M (L) X 4.5M (W) X 2.75M (H) Enclose Chamber / Positi		01 No.
			Pressurized	
2.	Flash Of Zone	9.0M (L) X 4.5M (W) X 2.75M (H)	Enclose Chamber / Positive	01 No.
	(Drying Booth)		Pressurized	
3.	Heating System	Hot Air Handling Unit	36 KW (Electric)	01 No.

TECHNICAL SPECIFICATIONS OF PAINT SHOP PLANT

NO.	DESCRIPTION	PARTICULARS	
1.	Pressure Inside Paint Shop	Positive Pressurized	
2.	Extraction Method	Dry Series	
3.	Exhaust Draft	Side Draft	
4.	Effective Exhaust Screen	3,0m (W) X 2.0m (H)	
5.	Internal Dimensions		
	Paint Spray Booth	4,5m Length x 4,5m Width x 2,75m Height	
	Flash Of Booth (Drying Booth)	9,0m Length x 4,5m Width x 2,75m Height	
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6.	Structure/Construction of Clean Room	Sheet Panels	
		All Chamber Panels are made of electrolytically galvanized sheet Panels, double skinned with insulation material filling Pu-Puff. Sheet Thickness – 0,45mm And Wall thickness 50mm.	
7.	Basement / Floor	Normal Civil Floor. In Water Level "0"	
8.		Entrance/Painter Doors	
		Entrance doors made of electrolytically galvanized sheet panels, double skinned design. With Toughened Glass of 5mm at Observation Windows at alternate front panel. Entrance Door/ Exit Door — 1,8m W X 2,4m H X 3 Nos.	
9.	Air Supply of Booth	"Vertical"	
	Air Velocity Rate	0.2 m/s (In empty booth)	
10. Air Make Up Unit – Paint Spray Booth Motors Ratio		Motors Rating (Non Flame Proof)	
		Centrifugal Blowers With Havells/ABB Make Electric Motor(IE2), For Higher transfer efficiancy and low electrical consumption.	

Fresh Air Supply Unit — (18000m³/hour) Air Make Up Unit — Flash Of Booth Air Make Up Unit — Flash Of Booth Centrifugal Blowers With Havells/ABB Make Electric Motor(IE2), For Higher transfer efficiancy and low electrical consumption. Fresh Air Supply Unit — (75000m³/hour) Extraction Unit — (5000m³/hour) Extraction		I	Freeh Air Cumply Heit (10000m3/b)		
11. Air Make Up Unit — Flash Of Booth Centrifugal Blowers With Havells/ABB Make Electric Motor(IE2), For Higher transfer efficiancy and low electrical consumption. Fresh Air Supply Unit — (7500m³/hour) Extraction Unit — (5000m³/hour) Extraction Unit —					
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13. Lighting [Non Flameproof Fittings] Polycab makes weatherproof fittings With Phillips LED Tubes inside the — A) Paint Booth — 20W x 2 — 10 Nos. B) Flash Off Booth — 20W x 2 — 06 Nos. First Stage (Fresh Air) Non-Woven Synthetic Polyester Media In Pockets. G-4, EN 779/10Micron. 15. Filters Roof Filters (Fine Filter) Second Stage (Fresh Air) Non-Woven Synthetic Polyester Tacky Media, Thermal Bonded, F-5 EN 779. (22mm Thickness) EU5 grade. 5 Microns. 16. Filters - Optional First Stage (Exhaust) Metallic Baffles Made In CR Powder Coated, in 1.2mm Sheet, Washable Filters. 70% Dust Arrestance. 17. Second Stage (Exhaust) Paint Arrester Filter — Card board Media, G-3, EN 779. 18. Electricity Main Supply 415V, 3PH, 50C/S, AC4 Wire system. 19. Current Load Requirement Total Load — 15 KW / 36 KW 20. Control Panel	42	Nata la alta basili			
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20. Control Panel Including Of –	18.	Electricity Main Supply	415V, 3PH, 50C/S, AC4 Wire system.		
20. Control Panel Including Of –	10	Current Load Requirement	Total Load = 15 KW / 36 KW		
	19.	Carrent Load Nequilement	- 15 KW / 30 KW		
	20.	Control Panel	Including Of –		
Switch Gears - Schneider/Siemens					

		Hour Meter,	-Selec
		R.Y.B. Phase Indication,	-Tecnic/Surdhi
		Motor Protection Circuit Breaker, - Schneider/Siemens	
		Relays	Schneider/Siemens
		Emergency Switch,	-Tecnic
		Main On / Off Switch	
	111	Wires	– Polycab
	To the second se	PB/SS	Tecnic/Selec/Surdhi
21.	Additional Items 1) Manometer – 02 Nos.		

LODGING AND ACCOMADATION OF TEAM TO BE BORNE BY CUSTOMER.

UTILITIES (To be arranged by Purchaser at his cost) :

- > Air Compressor & Dryer for Compressed Air for painting and cleaning process.
- Electrical Inputs Up To Our Electrical Panel with MCCB.
- All Kind Of Civil Work.
- Material Unloading.
- All Exhaust Ducts.

NOTE: All above dimensions are approximate. The system's design may be changed without affecting its rated capacity.

