GEP

Air Handling Unit By itc

Elegant Assets of itc's GEP-AHU in Industrial Air Conditioning System

Fan Blower

Inclined Water Drainage

The best among the rest, ITC's GEP-AHU is an elegant unit which meets all HACCP and GMP requirements, and it can provide better and higher quality standard in Industrial Air Conditioning System.

This machine is assembled from various instruments including polyurethane insulation, interior stainless steel, external white color bond sheets (stainless option), filter systems and other accessorial devices. As a result, it has a very unique sturdy structure.

Furthermore, ITC's GEP-AHU has many distinct characteristics. For instance, its filter system can purify the ambient air which then will flow to the evaporator section. Here evaporators will decrease the air temperature and consequently will provide the fresh air with high O_2 around the working field.

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itc GEP-AHU Special Features:

1 Pre-filter & Medium filter Section

Medium filter

Pre-filter

2 Cooling Coil Section

Set of Cooling Coil

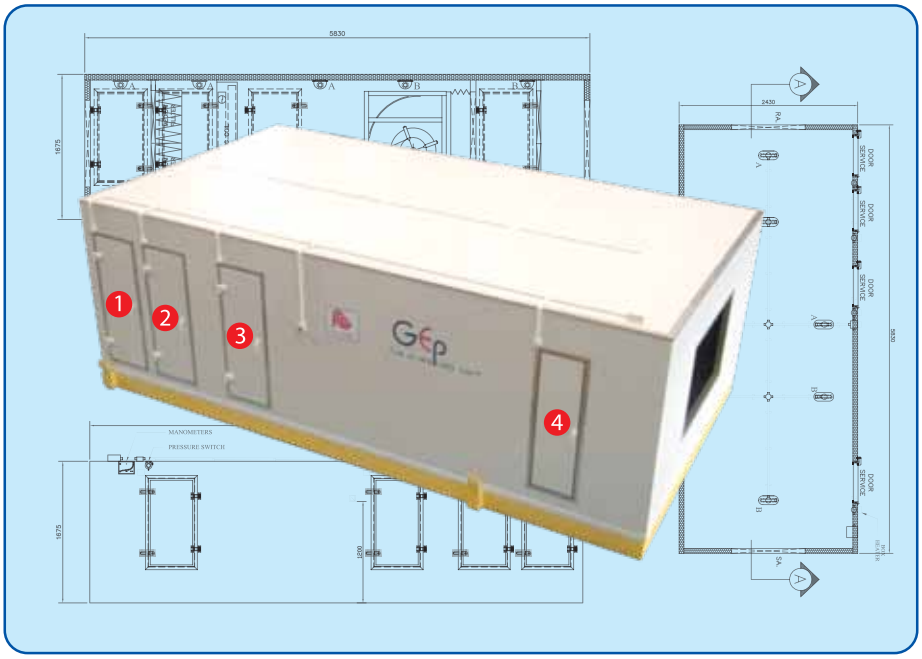
Light Bulb Service

3 Fan Blower Section

Fan Blower

Inclined Water Drainage

Fan Motor



4 Hepa & Pre-filter Section

Hepa & Pre-filter Rack

Channeling Duct

Benefits of GEP-AHU:

- Easy to walk in and reach in concept due to its convenient doors which is absolutely beneficial to services and maintenances.
- Meets the GMP's and HACCP's standards.
- Minimal noise.
- Superb external hygienic color bond sheet structure.
- Extremely fresh cold air provided by the filter.

GEP AHU Engineering Data

HIGH TD AIR CHILLING AIR HANDLING UNIT

LEAVING TEMPERATURE 0-2°C

Model	Air Flow		Air Entering Temp.		Capacity, kWr			Cooling Media				ESP	Dimension, mm.			Fan motor	Weight
	CFM	M3/H	DBC	%RH	Total	Sensible	SHR	Fluid	L/min	T inlet°C	PD,m H_2O	pa	L	W	H	kW	kg
GEP-100-/P/M-	4,000	6,797	30	50	124	68	0.55	30% EG	344	-5	5.4	500-1000	6,650	1,600	1,600	5.5	2,000
GEP-200-/P/M-	6,000	10,195	30	50	186	103	0.55	30% EG	516	-5	5.4	500-1000	6,750	2,200	1,600	7.5	2,540
GEP-300-/P/M-	8,000	13,594	30	50	248	137	0.55	30% EG	689	-5	5.4	500-1000	7,150	1,800	1,800	11	2,660
GEP-400-/P/M-	12,000	20,391	30	50	372	205	0.55	30% EG	1,033	-5	5.4	500-1000	7,350	2,200	1,800	15	3,130
GEP-500-/P/M-	16,000	27,188	30	50	496	274	0.55	30% EG	1,377	-5	5.4	500-1000	7,450	2,900	1,800	15	3,710
GEP-600-/P/M-	18,000	30,586	30	50	558	308	0.55	30% EG	1,549	-5	5.4	500-1000	8,150	2,900	2,200	18.5	4,110
GEP-700-/P/M-	24,000	40,782	30	50	743	410	0.55	30% EG	2,066	-5	5.4	500-1000	8,250	2,900	2,900	22	5,230
GEP-900-/P/M-	30,000	50,977	30	50	929	513	0.55	30% EG	2,582	-5	5.4	500-1000	8,450	3,600	2,900	30	6,230

Note : 1.) Other capacity and dimension are available. Please contact manufacturer.

2.) Specifications subject to change without notice.