



DESICCANT ROTORS INTERNATIONAL PVT LTD.

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TECHNICAL SPECIFICATION

THE DEWPOINT COOLING APPROACH INDIRECT EVAPORATIVE COOLING UNIT (G4) SIZES 1700-8500

INDIRECT EVAPORATIVE COOLING UNIT (IDEC) CABINET TYPE SINGLE TIER SYSTEM COMES WITH FOLLOWING OUTSTANDING FEATURES

- MADE OF EXTRUDED ALUMINIUM PROFILED FRAME.
- DOUBLE SKIN CASING-OUTER CASING MADE OF PRE COATED SHEETS. INNER CASING MADE OF GALVANISED STEEL SHEET
- CASING/PANELS INSULATED WITH FIBER GLASS INSULATION CROWN-300 (40 kg/cubic metre).
- PANELS WILL BE 25MM THICK.
- THE CASING MEETS THE PROVISION OF TIGHTNESS CLASS L1.
- UNIT CONSIST OF FAN, FILTER AND HMX CORE
- AVAILABLE IN 3 SIZES, WITH AIR FLOW RANGE OF 1-14 m³/s.
- HIGH EFFICIENCY EC PLUG FANS.
- HIGH COOLING CAPACITIES DUE TO EWPOINT COOLING APPROACH
- THE HEAT EXCHANGER IS MADE OF PP.
- INFUED WITH BIOCIDES.
- LOW WATER CONSUMPTION.
- NO CHEMICAL REFRIGRENTS OR OZONE DEPLETING CHEMICALS
- NO HUMIDITY ADDED OR REMOVED
- HIGH VOLUME LOW HEAD PUMP.
- PROVIDED WITH WATER INTAKE AND DRAIN WATER PIPE LINES.
- HIGH TECHNOLOGY, POLY HEAT AND MASS EXCHANGER (HMX)
- LOW MAINTENANCE.
- SUPPLIED WITH WATER FILTER & AUTO WETTING PUMP.



TECHNICAL DATA

MODEL	AIR FLOW CAPACITY		MOTOR	PUMP	ESP	OVER ALL DEMINSION			OPERATING WEIGHT APPROX.
	CMH	CFM	KW	HP	(pa)	L	W	H	
IDEC-1000	1700	1000	1.6	0.5	250	1235	750	1750	
IDEC-3000	5000	3000	3.3 x 2	0.5	250	1235	1450	2030	
IDEC-5000	8500	5000	3.7x2	1	250	2500	2730	1950	

LARGER/CUSTOM BUILT UNITS ARE OFFERED ON DEMAND

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE