



DESICCANT ROTORS INTERNATIONAL PVT LTD.
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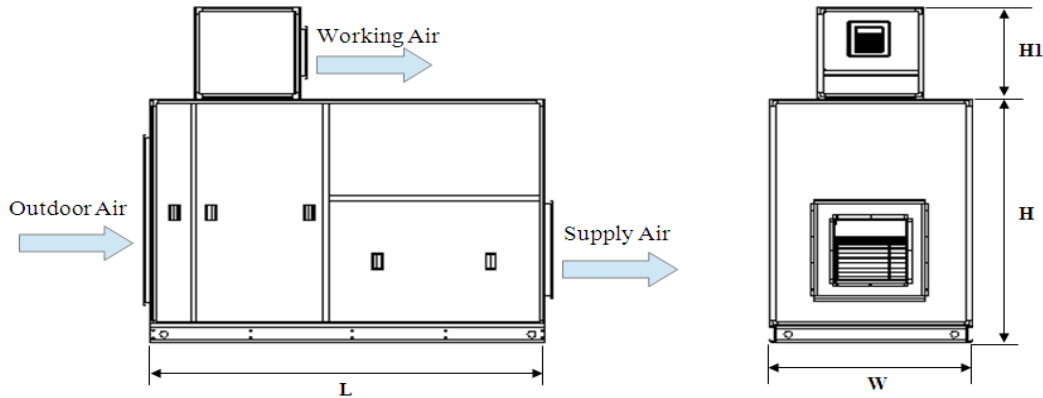
TECHNICAL SPECIFICATION



**INDIRECT DIRECT EVAPORATIVE COOLING UNIT
 SIZES 30-300**

INDIRECT DIRECT 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 (48 kg/cubic metre).
- PANELS WILL BE 25/50MM THICK.
- THE CASING MEETS THE PROVISION OF TIGHTNESS CLASS L1.
- UNIT CONSIST OF FAN, FILTER, EVAPORATIVE COOLING PAD AND HMX CORE
- AVAILABLE IN 7 SIZES, WITH AIR FLOW RANGE OF 1-14 m³/s.
- DIDW HIGH EFFICIENCY CENTRIFUGAL FANS.
- THE HEAT EXCHANGER IS MADE OF ENGINEERED POLYMER.
- DUCT CONNECTION FRAME.
- CNC MANUFACTURED STAINLESS STEEL ECM CASING.
- NO CHEMICAL REFRIGRENTS OR OZONE DEPLETING CHEMICALS
- HIGH EFFICIENCY (90%+) LONG LIFE EVAPORATIVE ECOCOOL PADS.
- PROVIDED WITH WATER INTAKE AND DRAIN WATER PIPE LINES.
- HIGH TECHONOGY, POLYMER HEAT & MASS EXCHANGER (HMX)
- OPTION OF RUNNING AS DIRECT & INDIRECT EVAPORATING COOLING MODE



TECHNICAL DATA

MODEL	AIR FLOW CAPACITY		SUPPLY AIR MOTOR	WORKING AIR MOTOR	PUMP	ESP	OVER ALL DEMINSON			
	CMH	CFM	KW	KW	kw	(pa)	L	W	H	H1
IDEC-30	5000	3000	2.2	0.75	0.18x2	250	2850	1150	1500	505
IDEC-50	8500	5000	3.7	0.75	0.18x2	250	2950	1350	2000	695
IDEC-100	17000	10000	7.5	0.75	0.37x2	250	2950	2400	2050	805
IDEC-150	25000	15000	11.0	1.1	0.37x2	250	3000	2400	2800	990
IDEC-200	35000	20000	11.0	1.5	0.37x2	250	3000	2500	2900	990
IDEC-250	40000	25000	15.0	2.2	0.37x2	250	4000	3000	3000	1095
IDEC-300	50000	30000	18.5	3.7	0.37x2	250	4000	3550	3350	1390

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE