



DESICCANT ROTORS INTERNATIONAL PVT LTD.
 PLOT NO. 100-101, UDYOG VIHAR, PHASE-IV, GURGAON
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TECHNICAL SPECIFICATION

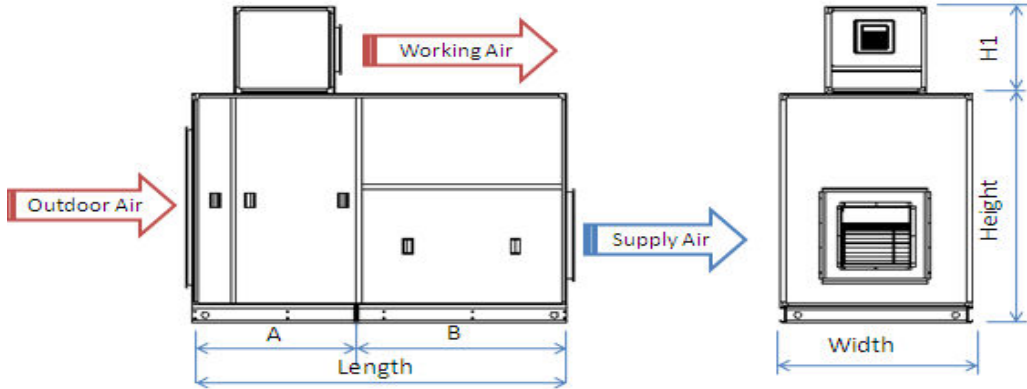


Bulletin : DRI-IDEC-00
 Effective : Feb. 20, 2018
 Superseds : July 10, 2015
 Dated :

**INDIRECT DIRECT EVAPORATIVE COOLING UNIT
 SIZES 30-400**

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 AND INNER CASING MADE OF PPGI SHEET
- CASING/PANELS INSULATED WITH FIBER GLASS INSULATION (40 kg/m³).
- PANELS WILL BE 25/50MM THICK.
- THE CASING MEETS THE PROVISION OF TIGHTNESS CLASS L1.
- UNIT CONSIST OF FAN, FILTER, EVAPORATIVE COOLING PAD AND DCM
- AVAILABLE IN 10 SIZES, WITH AIR FLOW RANGE OF 1-19 m³/s.
- DIDW HIGH EFFICIENCY CENTRIFUGAL DYNAMICALLY BALANCED FANS.
- THE HEAT EXCHANGER IS INDIRECT AIR TO AIR TYPE
- DUCT CONNECTION FRAME.
- CNC MANUFACTURED STAINLESS STEEL ECM CASING.
- NO CHEMICAL REFRIGERENTS OR OZONE DEPLETING CHEMICALS
- HIGH EFFICIENCY (90% +) LONG LIFE ECOCOL EVAPORATIVE COOLING PADS.
- PROVIDED WITH WATER INTAKE AND DRAIN WATER PIPE LINES.
- HIGH TECHONOLOGY, POLYMER HEAT & MASS EXCHANGER
- 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 DIMENSIONS | | | | | |
|-----------|-------------------|-------|------------------|-------------------|------|-----|---------------------|-------|--------|------|------|------|
| | CMH | CFM | KW | KW | | | Length | Width | Height | H1 | A | B |
| ID-L3-30 | 5098 | 3000 | 2.2 | 0.75 | 0.36 | 250 | 2440 | 1350 | 1850 | 600 | 1600 | 835 |
| ID-L3-50 | 8500 | 5000 | 3.7 | 1.1 | 0.75 | 250 | 2890 | 1555 | 1850 | 750 | 1600 | 1285 |
| ID-L3-75 | 12700 | 7500 | 5.5 | 1.1 | 0.75 | 250 | 2890 | 2100 | 1850 | 750 | 1600 | 1285 |
| ID-L3-100 | 17000 | 10000 | 7.5 | 1.5 | 0.75 | 250 | 3350 | 2710 | 1850 | 860 | 1885 | 1460 |
| ID-L3-150 | 25500 | 15000 | 9.3 | 2.2 | 1.0 | 250 | 3625 | 2400 | 2950 | 1045 | 1885 | 1735 |
| ID-L3-200 | 34000 | 20000 | 15 | 3.7 | 1.0 | 250 | 3775 | 2710 | 2950 | 1045 | 1885 | 1885 |
| ID-L3-250 | 42500 | 25000 | 18.5 | 3.7 | 1.0 | 250 | 3925 | 3270 | 3050 | 1150 | 1885 | 2035 |
| ID-L3-300 | 50977 | 30000 | 18.5 | 5.5 | 1.0 | 250 | 4075 | 3765 | 3100 | 1390 | 1885 | 2185 |
| ID-L3-350 | 59500 | 35000 | 22 | 3.7 X 2 | 1.5 | 250 | 4075 | 4360 | 3200 | 1045 | 1885 | 2185 |
| ID-L3-400 | 68000 | 40000 | 15 X 2 | 3.7 X 2 | 1.5 | 250 | 3775 | 4970 | 3200 | 1045 | 1885 | 1885 |

OPTION AVAILABILITY

| | |
|----------------------------|----------------------|
| TDS and Water level Sensor | AVAILABLE ON REQUEST |
| Auto Bleed off | AVAILABLE ON REQUEST |
| INLET LOUVER | AVAILABLE ON REQUEST |
| UV LAMP | AVAILABLE ON REQUEST |
| FINE FILTER | AVAILABLE ON REQUEST |

ALL DATA SUBJECT TO CHANGE WITHOUT ANY NOTICE