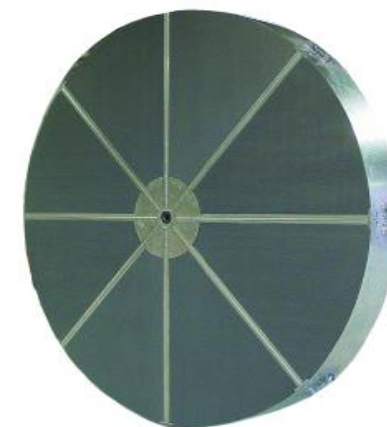


## HYGRO DESICCANT DEHUMIDIFIERS



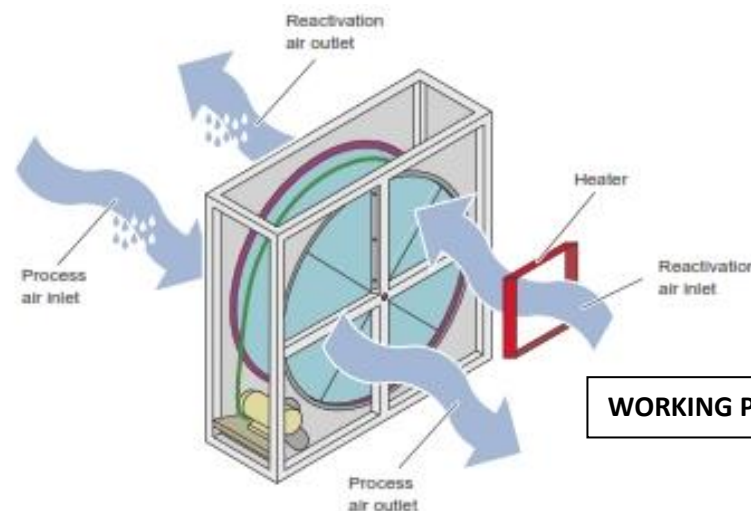
- ❖ *High efficiency and reliability*
- ❖ *High moisture removal.*
- ❖ *A totally self-contained unit*
- ❖ *Patented Desiccant Rotor*
- ❖ *Rotor is non-flammable & water washable*
- ❖ *Necessary control and safeties provided*
- ❖ *PLC with HMI display*
- ❖ *Easy to install*
- ❖ *Easy to operate*
- ❖ *Easy to maintenance*



**PATENTED Desiccant Rotor**  
Product NOT classified as harmful to the environment

*Available with Tailor Made Engineered Dehumidifiers along with the options including but not limited to*

- ❖ *High Performance Molecular sieve*
- ❖ *(Low RH)*
- ❖ *High Performance Metal silicate*
- ❖ *(High RH)*
- ❖ *Stainless steel construction*
- ❖ *Desiccant Hygienic Rotor*
- ❖ *Desiccant cooling*
- ❖ *Rotary Heat Exchanger*
- ❖ *Multiple choice of reactivation heat sources like electrical, steam etc*
- ❖ *Various installation options are available*



**WORKING PRINCIPLE**

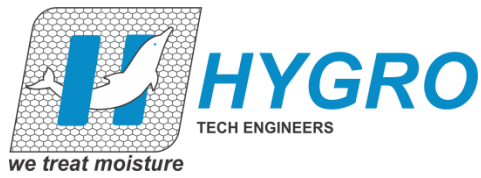


**HYGRO DESICCANT DEHUMIDIFIER STANDARD MODELS**

Hygro Dehumidifier Models	Process Air flow	React Air flow	React. Heater KW	Total Load KW	Power Required	Unit Dimensions			Approx. Weight KGS
	CFM	CFM				W	L	H	
HDP P-320	180	60	3.6	4.3	415 / 3 / 50	700	675	750	225
HDP P-630	360	120	7.5	8.2	415 / 3 / 50	700	775	850	200
HDP P-1100	600	200	12	13.5	415 / 3 / 50	800	950	900	260
HDP P-1550	900	300	18	20.5	415 / 3 / 50	900	990	1100	350
HDP P-2100	1200	400	30	33.5	415 / 3 / 50	900	775	850	325
HDP E-1550	900	300	18	20.5	415 / 3 / 50	900	890	1655	600
HDP E-2150	1200	400	27	31	415 / 3 / 50	900	1080	1845	650
HDP E-3100	1800	600	33	37	415 / 3 / 50	900	1080	1845	650
HDP E-4300	2400	800	45	48.5	415 / 3 / 50	900	1275	2035	700
HDP E-5200	3000	1000	56	61	415 / 3 / 50	900	1275	2035	700
HDP E-6300	3700	1200	66	70	415 / 3 / 50	1100	1480	2245	925
HDP E-7700	4500	1500	78	83	415 / 3 / 50	1100	1630	2395	925
HDP E-9200	5000	1700	96	102	415 / 3 / 50	1100	1785	2550	1100
HDP E-10900	6200	2100	114	120	415 / 3 / 50	1100	2000	2800	1200

\*Above Dehumidifier models can be customised as per the application/ customer requirement

\*All data subject to change without notice



The Dehumidifier Manufactured by Hygro Tech is non cyclic, rotary type and removes the moisture by process of continues physical adsorption.

The desiccant used by Hygro Tech is non toxic, non flammable with maximum moisture removal capacity. Hygro Dehumidifier can maintain Relative humidity (RH) as low as 1% regardless of ambient conditions.

We take complete responsibility for building and executing the strategies with technical skills to support the business proceedings in the field of moisture control.

We also undertake supplying spares, servicing & Annual Maintenance Contract for the Non-Hygro Tech Equipments. We understand equipment and can help you to maintain and maximize its performance. We also give one year guarantee for all the spares supplied by us to meet your requirement as and when required.

#### **TECHNICAL SUPPORT AFTER SALES SERVICE**

Technical support and engineering staff are available for travel to your plant. They can accomplish system start-up, training and / or service repair as and when warranty period.

Preventive maintenance will be done in the warranty period. Hygro Tech can provide 'Start up' support for auxiliary equipment in your plant. This consists of checking field wiring and connections, start – up troubleshooting of a Hygro Tech products after installation is completed.

Training with maintenance and operation can be included.

Repair and / or retrofit of equipment in the customer's facility

#### **NON-WARRANTY REPAIRS RETROFIT OR WORK AT THE CUSTOMER FACILITY**

Preventive maintenance contracts are available and can be tailored to the customer's requirement. Costs vary depending upon the customers' needs. Additionally in order to reduce service response time, we have service representatives.

Contact Hygro tech Technical support or service representative for more detail information, our team of in-house representatives can be reached via telephone or E-mail.

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