

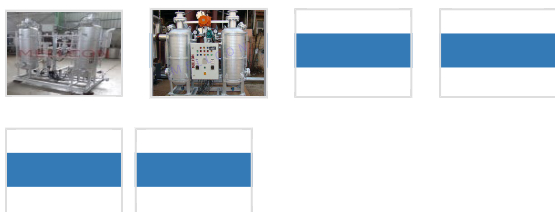
Internal Heater Compressed Air Dryer



This dryer provides an efficient, economical and easy to maintain method of drying compressed air and gases. The drying medium (Silica gel or Activated Alumina) is contained in two carbon steel pressure vessels.

While chamber I is drying, air is passed over an electrical heater embedded in chamber II and carries out the desorbed moisture of this chamber.

This type of system utilizes about 2-3% of the gas as a purge. It is an ideal system for gases requiring ultra low drying like dew points upto (-80°C). Each column remains in line for about 6 hours. For regeneration, the desiccant is heated for about 3 hours and then cooled for another 3 hours before changeover. The operation is fully automatic.



SPECIFICATIONS FOR INTERNAL HEATER COMPRESSED AIR DRYER							
MODEL NO.	CAPACITY		PIPE LINE SIZE mm	POWER CONSUMPTION KWH / DAY/	APROX. OVERALL DIMENSIONS		
	M³/ HR	CFM			LENGHT mm	WIDTH mm	HEIGHT mm
IHR-01	80.5	50	25	14.40	1400	1400	1800
IHR-02	122.7	75	25	21.60	1500	1500	2000
IHR-03	163.0	100	25	32.4	1500	1500	2000
IHR-04	244.5	150	25	43.2	1600	1600	2000
IHR-05	326.0	200	40	64.0	1700	1700	2200
IHR-06	489.0	300	40	86.4	1800	1800	2400
IHR-07	652.0	400	50	110.0	2000	2000	2600
IHR-08	815.0	500	50	129.6	2200	2200	2600
IHR-09	978.0	600	50	172.8	2300	2300	2800
IHR-10	1222.0	750	65	194.4	2400	2400	2800

IHR-10	1222.0	1000	65	259.2	2500	2500	3200
IHR-11	1630.0	1000	65	259.2	2500	2500	3200
IHR-12	2037.0	1250	80	302.4	2600	2600	3400
IHR-13	2445.0	1500	80	388.80	2800	2800	3400
IHR-14	3260.0	2000	100	518.4	2900	2900	3600
IHR-15	4075.0	2500	100	604.80	3000	3000	4000

The above capacities are rated at an inlet temp. of 40°C., 7kg/ Cm2 Pr. (0.7 Mpa) and at an outlet dew point of (-) 40°C. at Atm. Pressure, Supply Voltage of 220 V-1 PH- 50 HZ or 415V-3PH-50 Hz.

Above data is only for estimation and can be changed without notice. For special systems and higher capacities contact us.

For cost comparison of operating of a Heat of Compression Type Air Dryers Vs. Heated Type/Heatless/Refrigerated Type Air Dryers please [click here](#).

Contact For Dryers

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