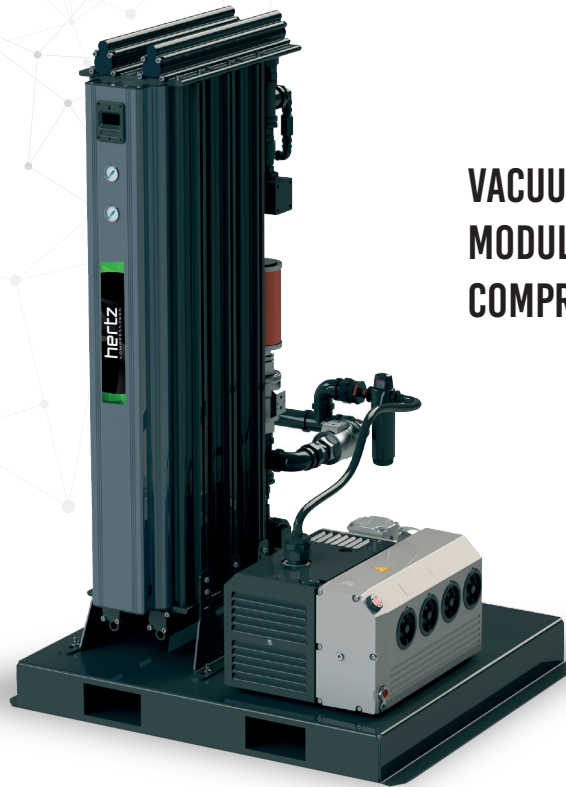


1,66-20,83
m³/min

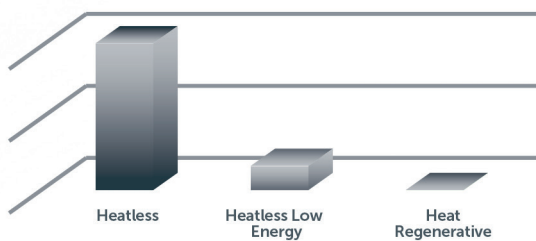
16
bar



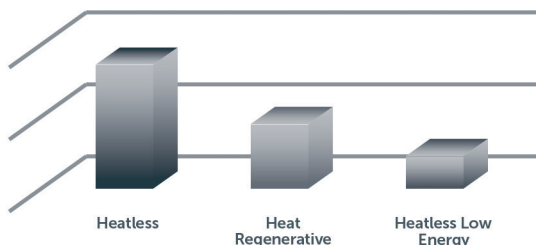
VACUUM PURGE MODULAR ADSORPTION COMPRESSED AIR DRYERS

The HMD-VP Series modular, vacuum purge heatless desiccant air dryers remove water vapour from the compressed air, stop corrosion, and prevent the growth of micro-organisms when supplying the clean air crucial for production. HMD-VP Series air dryers efficiently and reliably supply the system with high-quality dry air with a dew point of -40 °C or optionally a dew point of -70 °C. This extends the machinery's life span, keeps maintenance costs to a minimum, and results in safe and healthy production. The new vacuum purge technology minimises air loss during regeneration and optimises production levels.

Dry Compressed Air Loss



Power Consumption

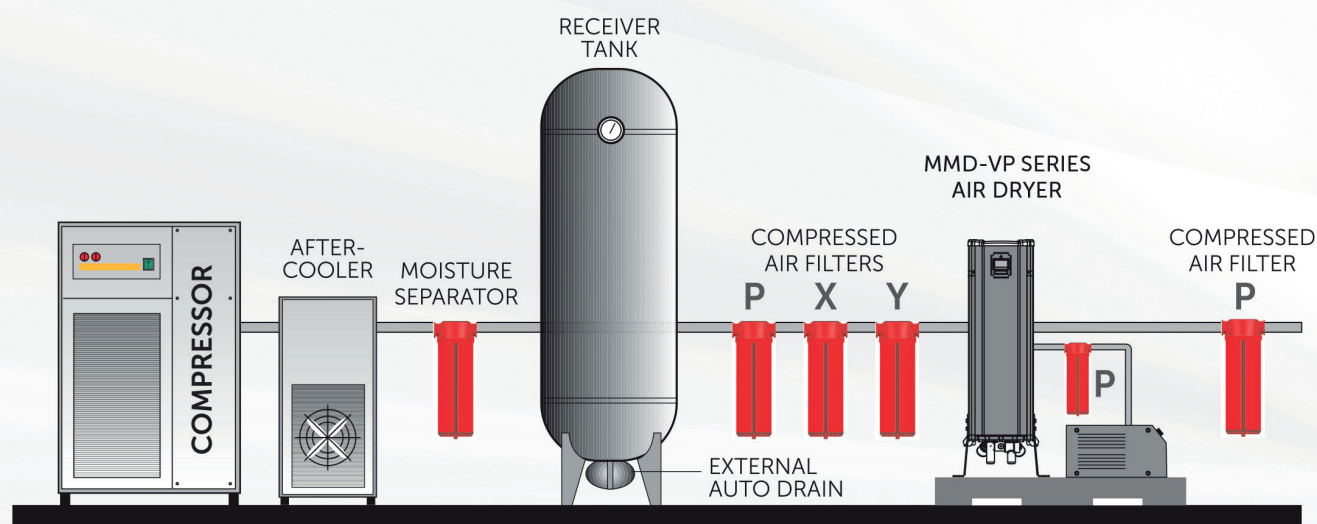


Areas of Use

- Food and Beverage
- Pharmaceutical
- Automotive
- Electronic
- All industries requiring a dew point of -40°C or optional -70°C.

Model	Capacity	Vacuum Pump	Filter Set	Connection Size	Voltage	Max. Working Pressure
	(m³/min)	(kW)			(V)	(bar)
HMD-VP-60	1,66	1,1	HGON 100	1 1/2"	400/3/50	16
HMD-VP-75	2,16	1,1	HGON 150	1 1/2"	400/3/50	16
HMD-VP-100	2,83	1,3	HGON 225	1 1/2"	400/3/50	16
HMD-VP-120	3,33	2,2	HGON 225	1 1/2"	400/3/50	16
HMD-VP-180	5	2,2	HGON 400	1 1/2"	400/3/50	16
HMD-VP-240	6,66	3	HGON 500	1 1/2"	400/3/50	16
HMD-VP-340	9,58	4	HGON 600	1 1/2"	400/3/50	16
HMD-VP-400	11,33	4	HGON 800	2"	400/3/50	16
HMD-VP-500	14,16	5,5	HGON 1000	2"	400/3/50	16
HMD-VP-590	16,66	5,5	HGON 1000	2"	400/3/50	16
HMD-VP-740	20,83	7,5	HGON 1550	3"	400/3/50	16

AIR LINE DESIGN



Correct Model = (Compressor Capacity)/[(F1) . (F2)]

Inlet Temperature (°C)	F1	Pressure (bar)	F2
20	1	4,5	0,69
25	1	5	0,75
30	1	6	0,88
35	1	7	1
40	0,8	8	1,12
45	0,73	9	1,25
50	0,59	10	1,25
-	-	11	1,5
-	-	12	1,62
-	-	13	1,74
-	-	14	1,87
-	-	15	1,99
-	-	16	2,11