



Heat-of Compression (HOC) Dryers

1,088/23,703 m³/

hr, 677-14,743 cfm for Continuous -40°C Dew Points

Heat-of-compression (HOC) dryers feature dual-tower, desiccant design technology with the most energy-efficient design available for oil-free applications. HOC dryers recover heat that is a natural by-product of the compression process to offset virtually all electricity costs other than operating the controller -- the cost of powering a light bulb! The HC Series delivers -40°F (-40°C) pressure dew point air consistently under all load conditions at operating costs well below those of typical desiccant dryer designs.

Features

- **Ultimate Energy Efficiency:** HOC dryers use heat already generated by the air compression process, which would normally be considered waste, making them the most energy-efficient type of desiccant dryer on the market
- **High-Quality Clean, Dry Air:** With its unique stripping and cooling cycles, the HC Series provides continuous -40°F (-40°C) pressure dew point air under all load conditions
- **Flexible Design:** H-Series dryers can be installed with multiple compressors, allowing maximum flexibility without sacrificing the integrity of the compressed air system
- **Smart Control:** Microprocessor-based control system that maintains performance and monitors the health of the unit, maximizing uptime
- **Reliability You Can Count On:** Proven high-performance two-way valves provide years of trouble-free operation



Model Specifications

MODEL NAME	CAPACITY(M ³ /HR / SCFM)	HEIGHT(CM / IN)	WIDTH(CM / IN)	LENGTH(CM / IN)	WEIGHT(KG / LBS)
H-10	1508 / 938	213 / 84	158 / 62	229 / 90	1980 / 4380
H-118	16749 / 10418	269 / 106	307 / 121	549 / 216	10860 / 23950
H-13	1862 / 1158	218 / 86	170 / 67	287 / 113	2150 / 4750
H-142	20267 / 12606	272 / 107	340 / 134	602 / 237	11840 / 26100
H-170	24119 / 15002	295 / 116	361 / 142	617 / 243	15010 / 33100
H-19	2680 / 1667	218 / 86	183 / 72	274 / 108	2290 / 5050
H-30	4187 / 2604	226 / 89	183 / 72	305 / 120	3130 / 6900
H-43	6029 / 3750	239 / 94	229 / 90	396 / 156	5320 / 12400
H-58	8208 / 5105	246 / 97	241 / 95	417 / 164	5810 / 12800
H-75	10719 / 6667	249 / 98	287 / 113	462 / 182	7890 / 17400
H-8	1191 / 741	213 / 84	158 / 62	224 / 88	1840 / 4050
H-95	13566 / 8438	267 / 105	305 / 120	533 / 210	10110 / 22300
HC-103	14632 / 9101	330 / 130	396 / 156	490 / 193	13380 / 29500
HC-122	17415 / 10832	340 / 134	406 / 160	546 / 215	15100 / 33300
HC-14	1936 / 1204	257 / 101	178 / 70	277 / 109	2720 / 6000
HC-143	20438 / 12712	340 / 134	422 / 166	554 / 218	16920 / 37300
HC-166	23703 / 14743	356 / 140	437 / 172	615 / 242	19410 / 42800
HC-21	3023 / 1880	267 / 105	198 / 78	282 / 111	4490 / 9900
HC-30	4354 / 2708	277 / 109	264 / 104	320 / 126	4570 / 10080
HC-41	5926 / 3500	285 / 112	274 / 108	333 / 131	5530 / 12200
HC-54	7740 / 4814	292 / 115	285 / 112	356 / 140	7850 / 17300
HC-69	9796 / 6093	300 / 118	300 / 118	42 / 174	9200 / 20280
HC-7	1088 / 677	252 / 99	147 / 58	203 / 80	2110 / 4650
HC-85	12093 / 7522	323 / 127	378 / 148	498 / 196	10570 / 23300
HC-9	1344 / 836	254 / 100	155 / 61	244 / 96	2340 / 5150



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