



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:** 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

HC-7	1,088 (677)	1,473 (58) x 2,032 (80) x 2,515 (99)	2,109 (4,650)	2" FLG
HC-9	1,344 (836)	1,549 (61) x 2,438 (96) x 2,540 (100)	2,336 (5,150)	3" FLG
HC-14	1,936 (1,204)	1,778 (70) x 2,279 (109) x 2,565 (101)	2,721 (6,000)	3" FLG
HC-21	3,023 (1,880)	1,981 (78) x 2,819 (111) x 2,667 (105)	4,490 (9,900)	4" FLG
HC-30	4,354 (2,708)	2,642 (104) x 3,200 (126) x 2,769 (109)	4,569 (10,075)	4" FLG
HC-41	5,926 (3,500)	2,743 (108) x 3,327 (131) x 2,845 (112)	5,533 (12,200)	6" FLG
HC-54	7,740 (4,814)	2,845 (112) x 3,556 (140) x 2,921 (115)	7,846 (17,330)	6" FLG
HC-69	9,796 (6,093)	2,997 (118) x 4,420 (174) x 2,997 (118)	9,195 (20,275)	6" FLG
HC-85	12,093 (7,522)	3,759 (148) x 4,978 (196) x 3,226 (127)	10,567 (23,300)	8" FLG
HC-103	14,632 (9,101)	3,962 (156) x 4,902 (193) x 3,302 (130)	13,379 (29,500)	8" FLG
HC-122	17,415 (10,832)	4,064 (160) x 5,461 (215) x 3,404 (134)	15,102 (33,300)	8" FLG
HC-143	20,438 (12,712)	4,216 (166) x 5,537 (218) x 3,404 (134)	16,916 (37,300)	8" FLG
HC-166	23,703 (14,743)	4,369 (172) x 6,147 (242) x 3,556 (140)	19,410 (42,800)	10" FLG



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