



High Pressure Cycling Refrigerated Dryers 15-188 m³/min, 525-6,635 cfm

Capacity Range: 510-6460 cfm (14.4-183 m³/min) Pressure Dew Point: 38°F (3°C) ISO Class 4 Cooling Method: Water-cooled Voltage: 460/3/60 Maximum Pressure: 680 psig (47 barg) Maximum Ambient (air cooled): 120°F (49°C) Maximum Inlet Temperature: 120°F (49°C) Refrigerant: R-404A

Features

- **High Pressure Operation:** Ideal for demanding environments such as PET applications
- **Clean, Dry Air:** Consistent dew point control ensures dry air at all times
- **Lower Energy Costs:** Cycling design results in ultimate energy savings, even at no-load
- **Reliable, Long-Life Components:** Self-cleaning stainless steel heat exchangers prevent corrosion
- **Total Control:** Easy to use controller automatically manages dryer operation while monitoring critical parameters for optimum air treatment and efficiency



Model Specifications

Model	Capacity @ 580 psig m ³ /min (scfm)	Capacity @ 450 psig m ³ /min (cfm)	Length x Width x Height mm (in)	Weight kg (lb)	Connection Air In/Out
D890NC-HP	15 (525)	14 (510)	826 (32.5) x 711 (28) x 1,473 (58)	279 (615)	1 1/2" MPT
D1090NC-HP	18 (640)	18 (625)	826 (32.5) x 711 (28) x 1,473 (58)	333 (735)	2" MPT
D1340NC-HP	22 (790)	22 (770)	826 (32.5) x 711 (28) x 1,473 (58)	340 (750)	2" MPT
D2040NC-HP	34 (1,200)	33 (1,175)	1,016 (40.0) x 1,041 (41) x 1,575 (62)	499 (1,100)	3" MPT
D2770NC-HP	46 (1,630)	45 (1,600)	1,016 (40.0) x 1,041 (41) x 1,575 (62)	642 (1,415)	3" MPT
D4290NC-HP	71 (2,525)	70 (2,470)	1,930 (76.0) x 838 (33) x 1,753 (69)	1,254 (2,765)	4" FLG
D5635NC-HP	94 (3,315)	91 (3,230)	2,311 (91.0) x 838 (33) x 1,905 (75)	1,780 (3,925)	6" FLG
D7065NC-HP	118 (4,150)	113 (4,000)	2,311 (91.0) x 838 (33) x 1,905 (75)	1,889 (4,165)	6" FLG
D8585NC-HP	143 (5,060)	140 (4,940)	2,438 (96.0) x 1,930 (76) x 2,540 (100)	2,461 (5,425)	8" FLG
D11280NC-HP	188 (6,635)	183 (6,460)	2,438 (96.0) x 1,930 (76) x 2,540 (100)	3,232 (7,125)	8" FLG



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