



Nirvana Cycling Refrigerated Dryers 28-68 m³/min, 1,000-2,400 cfm

Nirvana cycling refrigerated dryers provide reliability that you can count on to protect your air system. Its distinct, patented heat exchanger design helps to provide high heat transfer with low pressure drop. Our dryers save users money because it does not waste energy through continuous operation like traditional non-cycling dryers. This unit's best in class design uses centrifugal separation to remove moisture from the chilled air, resulting in highly efficient moisture removal and exceptionally dry, clean air under all operating conditions.

Features

- **Lower Energy Consumption:** Operates only when required by load demand reducing energy use
- **Reliable Moisture Removal:** Centrifugal separation pulls unwanted moisture from the air and removes it through a reliable float-type or timed electric solenoid drain
- **High-Quality Air:** Thermal mass with submerged evaporator is fully insulated to maintain a cold well of propylene glycol-water to provide continuous ISO Class 4 quality air with 38°F dew point
- **Efficient Operation:** Corrosion-resistant stainless steel heat exchanger design provides optimal heat transfer, ensuring low pressure dew point and low pressure drop
- **Total Control:** Automatic controls reduce energy draw by shutting down the refrigerated compressor as quickly as possible, while maintaining continuous performance



Model Specifications

Model	Capacity m ³ /min (scfm)	Operating Power kW Air Cooled	Operating Power kW Water Cooled	Length x Width x Height mm (in)	Weight kg (lb)	Connection Air In/Out
NVC1000	28.3 (1,000)	8.9	6.9	1,829 (72) x 813 (32) x 1,753 (69)	1,052 (2,315)	4" FLG
NVC1200	34.0 (1,200)	10.5	6.9	1,829 (72) x 813 (32) x 1,753 (69)	1,107 (2,435)	4" FLG
NVC1600	45.3 (1,600)	13.1	7.7	1,829 (72) x 813 (32) x 1,753 (69)	1,266 (2,785)	4" FLG
NVC2000	56.7 (2,000)	13.5	10.4	2,311 (91) x 813 (32) x 2,311 (91)	1,780 (3,925)	6" FLG
NVC2400	68.0 (2,400)	15.8	11.4	2,311 (91) x 813 (32) x 2,311 (91)	1,886 (4,150)	6" FLG



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