

HYVAC[®] PRODUCTS, INC.

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HYVAC[®] Dry Scroll Vacuum Pumps

In order to reduce the possibility of oil contamination in some applications, there is desired the generation of dry oil free vacuum. Prior to this new scroll pump, the consumer was left with the option of diaphragm or piston style pumps that often did not achieve a high enough vacuum. This style of pump is available from 3.5 cfm free air displacement (100 LPM) to a vacuum pressure of .05 Torr (.05 mm Hg Vacuum). This pressure is a much higher vacuum than can be achieved with either diaphragm or piston technologies. The pumps are portable, quiet and are configured with a standard NW25 vacuum adapter on the suction side, and a NW16 connector on the exhaust side. The pump employs a built-in isolation valve for system isolation upon shutdown. The pump is driven by a 1/2HP electric directly connected motor. The unit is air-cooled and weighs only 41 pounds (18.6 Kg).

Typical applications include Electron Microscopes, leak detectors, as backing pumps for dry high vacuum systems, Cryogenics and laser engineering.



