

HYVAC PRODUCTS, INC.

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HYVAC[®] Belt Drive High Vacuum Pumps

These four mechanical high vacuum pumps are older style belt drive vacuum pumps. They incorporate single-stage design, with the basic oil sealed rotary vane principle. They are excellent general purpose or roughing pumps capable of vacuum pressures to 1×10^{-2} Torr or .01 micron with fast recovery times. Since they are belt drive pumps, they offer excellent durability and resistance to contaminants.

The HYVAC vacuum pumps are equipped with a gas ballast valve, which helps purify the oil of condensable vapors and limit corrosion. The pumps use the standard NPT fittings on both intake and exhaust ports to allow for quick connection/disconnection to vacuum systems and for easy adaptation of optional equipment. The pumps are supplied with a charge of oil and an extra quart of HYVAC Pump Oil. The pumps have a drain cock for ease in changing oil and can be equipped for external oil filtration systems.

The HYVAC pumps are designed with an easily viewed, oil level sight glass, OSHA approved belt guard, capacitor start motors, on/off switch, electrical cord, and a sturdy base with bolt holes for mounting or installation of vibration isolators. The pumps come standard with HYVACS' one-year parts and labor guarantee assuring complete customer satisfaction.



HyVac 7s Single Stage Vacuum Pump

SINGLE STAGE HIGH VACUUM PUMPS

	HYVAC 7S	HYVAC 14S	HYVAC 28S	HYVAC 45S
CATALOG #	91138	91140	91142	91144
NUMBER OF STAGES:	1	1	1	1
FREE AIR DISPLACEMENT: (liters/mim.) (cfm)	79 2.8	160 5.6	310 10.6	500 17.7
GUARANTEED VACUUM: PRESSURE (millitorr) PUMP SPEED (rpm) MOTOR (hp)	10 525 1/3	5 525 1/2	5 525 3/4	5 550 1
WEIGHT: (lbs) (kg)	71 32	91 41	116 53	158 70
DIMENSIONS: (inches) (length) (width) (height)	17 1/4" 10 3/8" 12 1/4"	17 7/8" 11 5/8" 15 1/8"	17 7/8" 12 3/4" 15 3/4"	19 1/2" 15 1/2" 18"
OIL CAPACITY:	1 1/2 Qts.	2 Qts.	4 1/2 Qts.	4 Qts.
INTAKE NIPPLE (OD) (inches)	13/16"	15/16"	15/16"	1 3/16"

For More Information Contact HYVAC Products 1-800-628-0850.