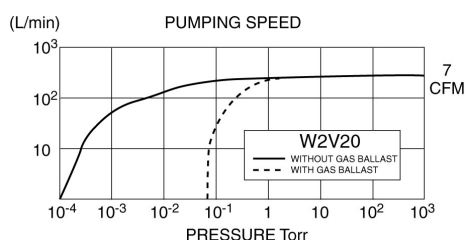


LACO TECHNOLOGIES

W2V20 HIGH VACUUM PUMP

The W2V20 rotary vane vacuum pump features a rugged, two-stage, air-cooled design and is capable of pumping speeds of 7 cfm and producing an ultimate vacuum of 10^{-3} Torr. Lightweight, quiet, and compact, the W2V20 features an anti-suckback and gas ballast valve, quick disconnect ISO/KF fittings, and is ideal for a variety of applications.



BENEFITS

- Well ventilated, cool running pumps minimize oil backstreaming and thermal degradation
- Positive oil feed system enables optimal pump lubrication
- Rugged, well-known design makes pump easy to maintain
- Low operating costs

APPLICATIONS

- Vacuum degassing
- Cylinder filling
- Sampling applications
- AC & refrigeration evacuation
- Vacuum ovens & furnaces
- Sputter & deposition systems
- Freeze dryers
- Electron microscopes
- Backing turbo pumps

SPECIFICATIONS

	DESCRIPTION
PUMPING SPEED @ 60 HZ	200 l/m, 7 cfm, 12 m ³ /hr
PUMPING SPEED @ 50 HZ	166 l/m, 5.8 cfm, 10 m ³ /hr
ULTIMATE PRESSURE (GAS BALLAST OPEN)	5×10^{-2} Torr
ULTIMATE PRESSURE (GAS BALLAST CLOSED)	1×10^{-3} Torr
STANDARD MOTOR, CE MARKED	115V, 1 HP, 60 Hz, On/Off Switch
POWER CONNECTION	6 ft (2 m) 3 conductor cord
MOTOR SPEED @ 60 HZ	1700 rpm
OIL CAPACITY	500 cc (.53 quart)
WEIGHT NET	50 lbs, shipping 54 lbs
INTAKE/EXHAUST TYPE/DIAMETER	NW 25 (26 mm) O.D. tube
AMBIENT OPERATING TEMPERATURE	70° to 40° C (45° to 104° F)
OVERALL DIMENSIONS	17.08" x 5.91" x 9.88" (LWH)

