

# LACO TECHNOLOGIES

## LACO HIGH VACUUM PUMPS

### W2V160

The W2V160 rotary vane vacuum pump features a rugged, two-stage, air-cooled design and is capable of pumping speeds of 56.5 cfm and producing an ultimate vacuum of  $10^{-3}$  Torr. Lightweight, quiet, and compact, the W2V160 features an anti-suckback and gas ballast valve, quick disconnect ISO/KF fittings, and is ideal for a variety of applications.

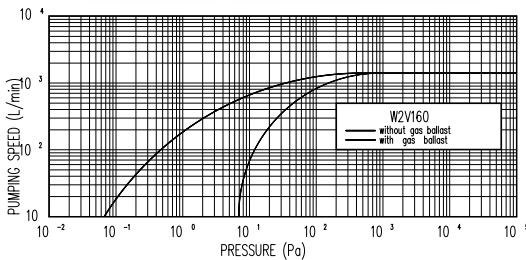


### BENEFITS & FEATURES

- Enhanced internal oil pumping for applications requiring longer pump down times
- 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

### APPLICATIONS

- Vacuum Degassing
- Cylinder Filling
- Sampling Applications
- AC & Refrigeration Evacuation
- Vacuum Ovens & Furnaces
- Sputter & Deposition Systems
- Freeze Dryers
- Electron Microscopes
- Backing Turbo Pumps



### SPECIFICATIONS

COMPONENT	DESCRIPTION
Pumping Speed @ 60 Hz	1600 l/m, 56.5 cfm, 96 m <sup>3</sup> /hr
Ultimate Pressure (Gas Ballast Open)	$5 \times 10^{-2}$ Torr
Ultimate Pressure (Gas Ballast Closed)	$1 \times 10^{-3}$ Torr
Standard Motor, CE Marked	Three phase, 230/460V, 2 HP, 50/60 Hz
Power Connection	Junction Box
Motor Speed @ 60 Hz	1700 rpm
Oil Capacity	6200 cc (6.5 quarts)
Weight Net	223 lbs (shipping 240 lbs)
Intake/Exhaust Type/Diameter	NW 40 O.D. tube
Ambient Operating Temperature	7° to 40° C (45° to 104° F)
Overall Dimensions	30.6" x 10.4" x 17.4" (LxWxH)

