

LACO TECHNOLOGIES

UN-SERIES DRY PISTON PUMPS

UN-100V, UN-100-VH, UN-150V, UN-250V/VH, UN-400V

LACO's UN-Series Dry Vacuum Pumps are ideal for oil-free, non-corrosive industrial or lab vacuum applications requiring vacuum levels from atmospheric pressure to 15 Torr (29 inHg relative). Each pump includes a vacuum filter regulator which allows the operator to easily control the vacuum level with an adjustable screw valve.

FEATURES

- Oil-free design with no oil mist in exhaust
- Analog vacuum gauge at inlet port
- Manual inlet vacuum regulator with inlet filter trap
- Pumps operate continuously over entire vacuum range

BENEFITS

- Compact design
- Maintenance free operation
- Exhaust muffler for low noise level
- One year warranty



UN-100VH



UN-100V

APPLICATIONS

- Altitude simulation
- R&D vacuum chambers
- Vacuum drying
- Evacuation of helium bombing chambers
- Filtration or aspiration
- Product / package testing
- Vacuum degassing
- Medical / clean room
- Visual Leak Testing



UN-150V



UN-250V/VH



UN-400VH

UN SERIES DRY PISTON PUMP SPECIFICATIONS

PART NUMBER	UN-100VH	UN-100V	UN-150V	UN-250VH	UN-250V	UN-400VH
Maximum Flow	0.81 CFM 23 L/min	0.84 CFM 24 L/min	1.2 CFM 35 L/min	3.5 CFM 125 L/min	6.3 CFM 220 L/min	11.4 CFM 325 L/min
Max Vacuum	28.9 inHg 25 Torr	24.4 inHg 140 Torr	28.3 inHg 40 Torr	29.3 inHg 15 Torr	28.1 inHg 45 Torr	29.3 inHg 15 Torr
Inlet Port	1/4" Barb	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/2" NPT
Voltage / Watts	120V / 100W	120V / 95W	120V / 85W	120V / 560W	120V / 560W	120V / 1000W
Weight	11.46 lbs / 5.2 kg	7.94 lbs / 3.6 kg	14.99 lbs / 6.8 kg	28.66 lbs / 13 kg	28.66 lbs / 13 kg	63.93 lbs / 29 kg
Dimensions L x W x H	12.20 x 5.31 x 8.03 in 31 x 13.5 x 20.4 cm	10.51 x 4.45 x 5.90 in 26.7 x 11.3 x 15 cm	14.56 x 16.69 x 10.1 in 37 x 17 x 25.6 cm	13.39 x 7.38 x 12 in 34 x 18.74 x 30.5 cm	13.39 x 7.38 x 12 in 34 x 18.74 x 30.5 cm	17.72 x 13.78 x 11.02 in 45 x 35 x 28.0 cm