






VACUUM PUMP SELECTION ASSISTANT

VACUUM OVENS

PHOTO	DESCRIPTION	LEAD TIME TO SHIP	COMMENTS
	<p>WELCH 2052B-01 CHEMICAL DUTY DRY MEMBRANE VACUUM PUMP 65 LPM X 1.5 TORR 115V/60HZ</p> <p>UL CERTIFIED! ROBUST, RAPID PERFORMANCE</p>	<p>1-4 WEEKS FROM WELCH FASTER IF DEALER HAS STOCK</p>	<p>For Small, Medium, and Large Ovens, capacities up to 5 cubic feet.</p> <p>Cold Trap required to prevent ingestion of sticky Terpene vapors.</p> <p>Use 330140-5 Hose with 305340 Hose Clamps if using 1420H-14 Cold Trap. Compress using hose Clamps onto 3/8" ports on ovens and pump.</p>
	<p>WELCH 2163B-01 BOTANICAL LAB DUTY DRY MEMBRANE VACUUM PUMP 174 LPM X 6.0 TORR 115V/60HZ</p> <p>ROBUST, RAPID PERFORMANCE</p>	<p>1-4 WEEKS FROM WELCH FASTER IF DEALER HAS STOCK</p>	<p>For Extra-Large Ovens, capacities up to 10 cubic feet, or multiple S-M-L Ovens with one pump.</p> <p>Cold Trap required to prevent ingestion of sticky Terpene vapors.</p> <p>Use 330140-5 Hose with 305340 Hose Clamps if using 1420H-14 Cold Trap. Compress using hose Clamps onto 3/8" ports on ovens and pump.</p>
	<p>WELCH 2071B-01 CHEMSTAR DRY OIL-FREE CHEMICAL DUTY DRY VACUUM SYSTEM 150 LPM X 95 MICRONS 115V/60HZ</p> <p>OIL-FREE DEEP VAC</p>	<p>2 WEEKS FROM WELCH FASTER IF DEALER HAS STOCK</p>	<p>Fastest drying speed system for Ovens up to 5 cu ft capacity.</p> <p>Cold Trap required to prevent ingestion of sticky Terpene vapors.</p> <p>Use 330140-5 Hose with 305340 Hose Clamps if using 1420H-14 Cold Trap. Compress using hose Clamps onto 3/8" ports on ovens and 7/16" port on pump inlet.</p>
	<p>WELCH 1420H-01 STAINLESS STEEL COLD TRAP ½" HOSE PORTS</p>	<p>1 WEEK FROM WELCH FASTER IF DEALER HAS STOCK</p>	<p>High capacity cold trap can use dry ice (NOT WITH BUTANE) or Polyscience IP60 immersion cooler as cold source. Contact your Extraction Lab Equipment Supplier if a glass cold trap is required.</p>
	<p>WELCH 331030-5* WELCH 331040-5** VACUUM HOSE, THICKWALL RED RUBBER *3/8" ID X 5 FEET **7/16" ID X 5 FEET</p>	<p>ALL SIZES IN STOCK (WELCH)</p> <p>Hose Clamps available from Welch or locally</p>	<p>Highest quality vacuum hose lasts longer, won't collapse. Use on exhaust side, too, to channel vapors to safe ventilation. Pumps 1420H-14 use 331040-5 for most connection types.</p>
OPERATING TIPS	<p>For users seeking highest-flow vacuum pumps, contact Welch about CRVpro 30, a 22 CFM robust direct drive high vacuum pump, UL Rated!</p>	<p>For users seeking highest-flow Oil-free vacuum pumps, contact Welch about Chemstar Dry 300, our 300 LPM x 50 micron oil-free chemical duty dry vacuum system</p>	<p>Contact Welch for Technical Newsletter 3-1A about monitoring vacuum pressure levels, oil changes and flushing, and other useful Best Practices tips. www.welchvacuum.com</p>