

CRVpro 48 & 65

Introducing the next two members of Welch's CRVpro two-stage rotary vane vacuum pump family.

- ✓ ROBUST VACUUM PUMPS BUILT FOR LONG TERM OPERATION IN DEMANDING APPLICATIONS
- ✓ COOL RUNNING AND LARGE OIL CAPACITIES FOR EXTENDED SERVICE INTERVALS

Welch's CRVpro 48 and 65 are robust, two-stage rotary vane pumps designed for extended service intervals while generating high ultimate vacuum pressure and quick pump downs.

The pumps have forced oil lubrication to maintain proper cooling of pump mechanism. With a focus on cool running operation and large oil capacity separates the CRVpro line from comparable competitive pumps.



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COMMON APPLICATIONS FOR CRVPRO 48 & 65

- ✓ Thin film coating
- ✓ Refrigeration dehydration
- ✓ Freeze drying
- ✓ Vacuum drying
- ✓ Degassing of transformer oils, epoxies, etc.
- ✓ Distillation
- ✓ Vessel or chamber evacuation
- ✓ Backing pumps for blowers

CRVPRO 48 & 65 TECHNICAL SPECIFICATIONS¹

SPECS	CRVpro 48	CRVpro 65
Free Air Displacement @60Hz, CFM (lpm)	39.4 (1113)	52.5 (1487)
Free Air Displacement @50Hz, m ³ /hr (lpm)	55.7 (928)	74.3 (1238)
Total Ultimate Vacuum Pressure, Torr (mbar)	0.002 (0.003)	
GB Open Full, Total Pressure, Torr (mbar)	0.005 (0.006)	
Motor Pump RPM@60Hz	1760	
Motor Power, kw	2.2	
Oil Capacity, ml	4950	4300
Intake Flange	NW40	
Exhaust Flange	NW40	
Noise Level, dBA (60Hz)	≤60	
Ambient environmental temp	10 to 40 deg C	
Dimensions, LxWxH, cm (in.)	79.6x26.2x36.9 (31.4x10.3x14.5)	
Weight, kg (lbs)	99 (218)	100 (220)

ORDERING INFORMATION	CRVpro 48	CRVpro 65
Three phase; (230-240)/(380-420)V +/- 5% 50Hz (240-265)/(415-460)V +/- 5% 60Hz	3487T-01	3657T-01

cUL listed as a component. Electrician is needed to connect via the appropriate cable and a suitable motor protection switch.

1: CRVpro 48 comes with two NW40 hinge clamps, two NW40 centering rings and 5 liters of Welch Premium Vacuum Pump oil (cat. no. 8995P-11).

EXHAUST FILTER



USEAGE	DESCRIPTION	FILTER W/CASE CAT. NO.	FILTER ELEMENT CAT. NO.
CRVpro 48 & 65	Exhaust Filter made of carbon steel treated to resist corrosion, NW40 flange on inlet side and outlet side.	1417D-40	1417H-02

CRVpro 2 **CRVpro 4,6,8** **CRVpro 16,24,30** **CRVpro 48,65**

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