

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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WELCH
by Gardner Denver

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)	33.8 (957)	45.9 (1300)
Free Air Displacement @50Hz, m ³ /hr	48 (800)	65 (1083)
Total Ultimate Vacuum Pressure, Torr(mbar)	0.0015 (0.002)	0.0015 (0.002)
GB Open Full, Total Pressure, Torr (mbar)	0.004 (0.005)	0.005 (0.007)
Motor Pump RPM@60Hz	1720	1720
Motor Power, kw	1.5	2.2
Oil Capacity, liters	4.5	4
Intake Flange	NW40	NW40
Exhaust Flange	NW40	NW40
Noise Level, dBA	58	58
Ambient environmental temp	10 to 40 deg C	10 to 40 deg C
Dimensions, LxWxH, cm (in.)	79.6x26.2x36.9 (29x9x15)	79.6x26.2x36.9 (29x9x15)
Weight, kg (lbs)	62.3 (137)	65.0 (143)

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

Note: 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	CAT. NO.
CRVpro 48 & 65	Exhaust Filter made of carbon steel treated to resist corrosion, NW40 flange on inlet side and 1.25 NPT thread on exhaust side of filter.	1417D-40

CRVpro2

CRVpro4,6,8

CRVpro16,24,30

CRVpro48,65

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