



**WELCH**

by Gardner Denver

## CRVpro Series

Two-stage rotary vane vacuum pumps

**KEF**  
**PROMOCIJA**

**BRZA ISPORUKA**  
**2-3 NEDELJE**

**Od porudžbine**

# CRVpro COMPLETE PUMP PACKAGES

- CRVpro - All in one kit



CRVpro Pump Model	CRVpro Starter Package CRVpro + AKD 16 + VAV 16 + SW DN 10/8	CRVpro Premium Package Sa Pirani meračem Vakuma CRVpro + VMpro2 + T-Stück + AKD 16 + VAV 16 + SW DN 10/8	CRVpro Schlenk line package Paket sa "cold trap-om" CRVpro + KFG16 + AKD 16 + VAV 16 + SW DN 10/8
CRVpro 2*	330070 <b>2024€</b>	330077 <b>2865€</b>	
CRVpro 4*	330071 <b>2296€</b>	330078 <b>2944€</b>	330080 <b>3329€</b>
CRVpro 6*	330072 <b>2533€</b>	330079 <b>3181€</b>	330081 <b>3480€</b>
CRVpro 8*	330073 <b>3032€</b>		

Every pump is supplied complete with Directorr™ Premium vacuum pump oil, centering rings, clamping rings and motor overload protection. Ready for use after oil filling

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**THOMAS**

**WELCH**

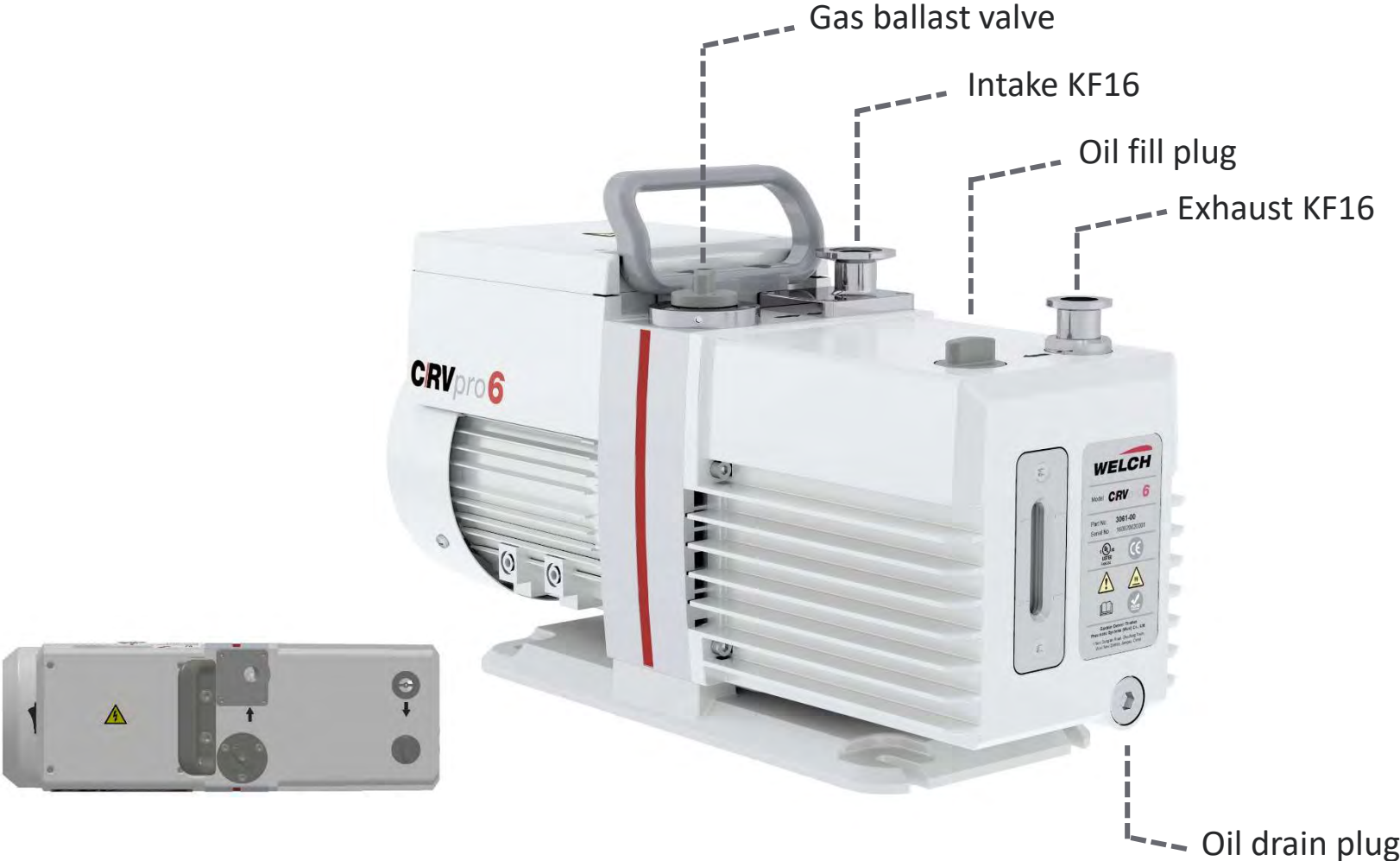
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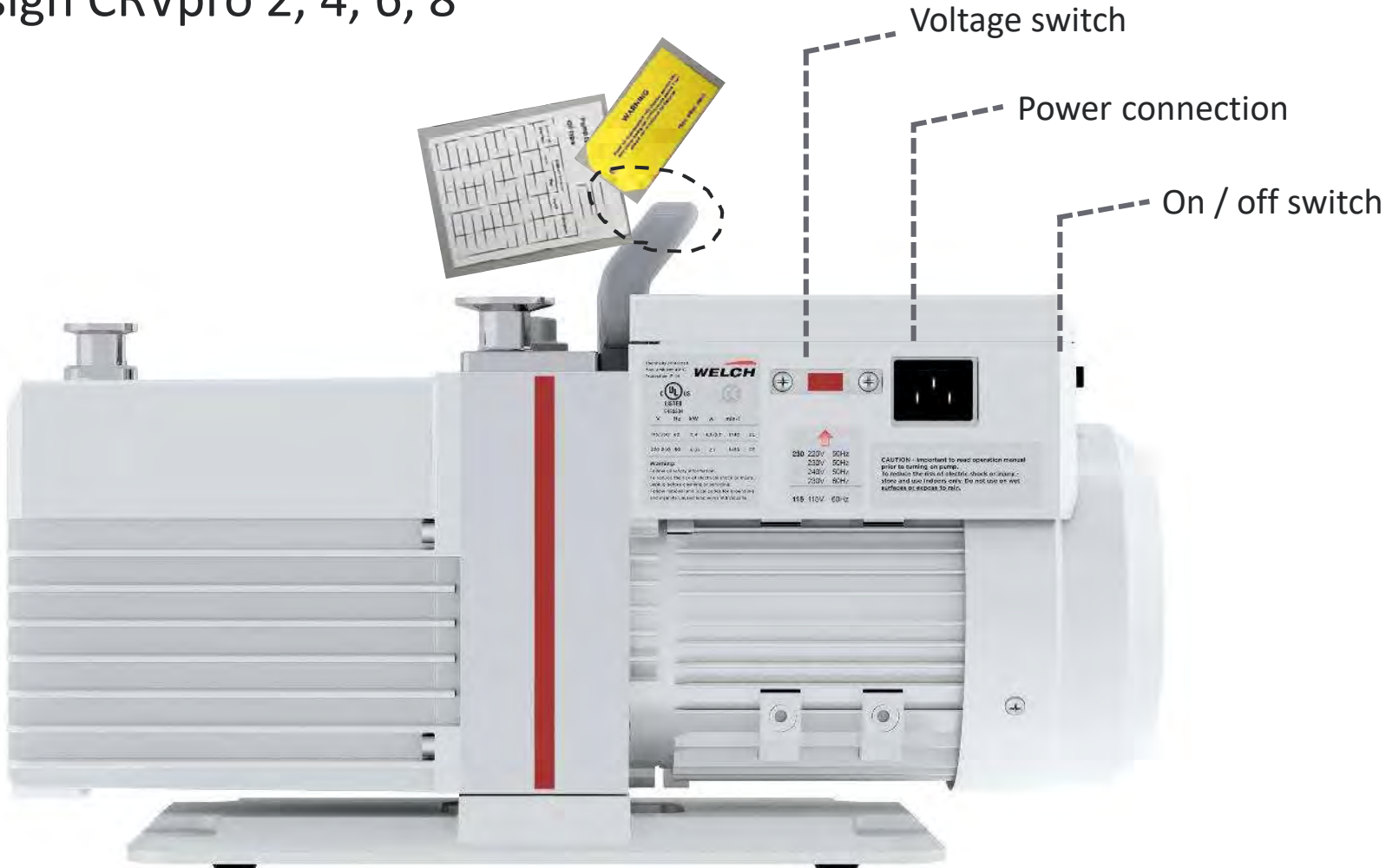
# Introduction

Design CRVpro 2, 4, 6, 8



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# Product Innovations



## Cool running operation

Cool running due to Integrated ducted air system, fin design and large oil bath.

- Lower oil temperature slows chemical activity on pump module, thicker oil leads to less exhaust oil loss, and extends pump oil life.



## Internal surface protection

Black oxide coated of pump module and PTFE coated oil case.

- Improves the chemical resistance of outer surface of module that is sitting in oil bath.



## Large oil capacity

Up to 64% larger oil capacity than leading direct drive rotary vane pumps.

- Large oil capacity dilutes ingested chemical vapor contaminants to extend oil life.

**Highest Reliability**

**Long Product Lifespan**

**Less Maintenance**



# Performance

PARAMETER	UNIT	CRVpro 2	CRVpro 4	CRVpro 6	CRVpro 8	CRVpro 16	CRVpro 24	CRVpro 30
<b>Free air displacement</b>								
- @ 50 Hz	m <sup>3</sup> /h (l/min)	2.5 (42)	4 (67)	6 (100)	8 (133)	18.3 (305)	26.2 (436)	33.1 (551)
- @ 60 Hz	CFM (l/min)	1.8 (50)	2.8 (78)	4.2 (118)	5.6 (158)	12.8 (363)	18.3 (519)	22.1 (627)
<b>Pumping speed</b>								
- @ 50 Hz	m <sup>3</sup> /h (l/min)	2.3 (38)	3.8 (63)	5.1 (85)	7.3 (122)	16.8 (280)	24 (400)	29 (483)
- @ 60 Hz	CFM (l/min)	1.6 (47)	2.7 (77)	3.7 (105)	5.1 (143)	11.9 (336)	17 (480)	20.5 (580)
<b>Ultimate pressure</b>								
- Without gas ballast partial	mbar (Torr)	3x10 <sup>-4</sup> (2x10 <sup>-4</sup> )	5x10 <sup>-4</sup> (4x10 <sup>-4</sup> )			3x10 <sup>-4</sup> (2x10 <sup>-4</sup> )		
- Without gas ballast total	mbar (Torr)	3x10 <sup>-3</sup> (2x10 <sup>-3</sup> )	2x10 <sup>-3</sup> (1.5x10 <sup>-3</sup> )			3x10 <sup>-3</sup> (2x10 <sup>-3</sup> )		
- With gas ballast total	mbar (Torr)	9x10 <sup>-2</sup> (7x10 <sup>-2</sup> )	7x10 <sup>-2</sup> (5x10 <sup>-2</sup> )			6x10 <sup>-2</sup> (5x10 <sup>-2</sup> )		
Connection flanges	DN	16 KF				25 KF		
Ambient temperature	°C	10-40						
Noise level (50 Hz)	dB (A)	≤50				≤55		
Oil capacity	ml	450	1150		1000	2400	2200	2100
Motor speed	rpm 50/60 Hz	1440/1720	1450/1740			1450/1750		
Motor power	kW 50/60 Hz	0.29/0.3	0.37/0.4			0.7/0.85		
Weight	kg	15	21	22	22.5	37	38.5	39.5
Dimensions L x W x H	mm	384/138/ 211*		463/157/230*			569/206/289	

\* Without handle.