

# CRVpro 48 & 65

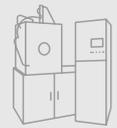


## APPLICATIONS

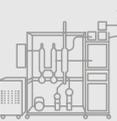
INDUSTRIAL  
FREEZE  
DRYER



VACUUM  
COATING



THIN FILM  
EVAPORATION



REFRIGERATION  
& HVAC



SPACE  
SIMULATION



INDUSTRIAL  
APPLICATIONS



## TECHNICAL DATA

PARAMETER	UNIT	NEW CRVpro 48	NEW CRVpro 65
<b>Free air displacement</b>			
- @ 50 Hz	m <sup>3</sup> /h (l/min)	55,7 (928)	74,3 (1238)
- @ 60 Hz	CFM (l/min)	39,4 (1113)	52,5 (1486)
<b>Pumping speed</b>			
- @ 50 Hz	m <sup>3</sup> /h (l/min)	48 (800)	65 (1083)
- @ 60 Hz	CFM (l/min)	33,4 (945)	44,8 (1266)
<b>Ultimate pressure</b>			
- Without gas ballast partial	mbar (Torr)	3x10 <sup>-4</sup> (2x10 <sup>-4</sup> )	
- Without gas ballast total	mbar (Torr)	3x10 <sup>-3</sup> (2x10 <sup>-3</sup> )	
- With gas ballast total	mbar (Torr)	6x10 <sup>-3</sup> (5x10 <sup>-3</sup> )	
Connection flanges	DN	40 KF	
Ambient temperature	°C	10-40	
Noise level (50 Hz)	dB (A)	≤58	
Oil capacity	ml	4950	4300
Motor speed	rpm 50/60 Hz	1460/1760	
Motor power	kW 50/60 Hz	2,2	
Weight	kg	99	100
Dimensions L x W x H	mm	796/262/369	796/262/369

## ORDERING INFORMATION

230-240/380-420 V / 50 Hz; 240-265/415-460 V / 60 Hz, 3 phase motor, requires hard wiring<sup>1</sup>

- Version with PFPE oil filling<sup>2</sup>

Service kit for overhaul servicing - contains wearing parts; vanes and springs, plus O-rings, gaskets and shaft seals

CRVpro 48

CRVpro 65

3487T-01

3657T-01

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3657T-01-03

S3405-99

S3406-99

1. Every pump is supplied complete with 5 liters Directorr™ Premium vacuum pump oil, centering rings and clamping rings. Ready for use after oil filling and hard wiring.  
2. Every pump is supplied complete with centering rings and clamping rings, filled with PFPE oil. Ready for use after hard wiring.

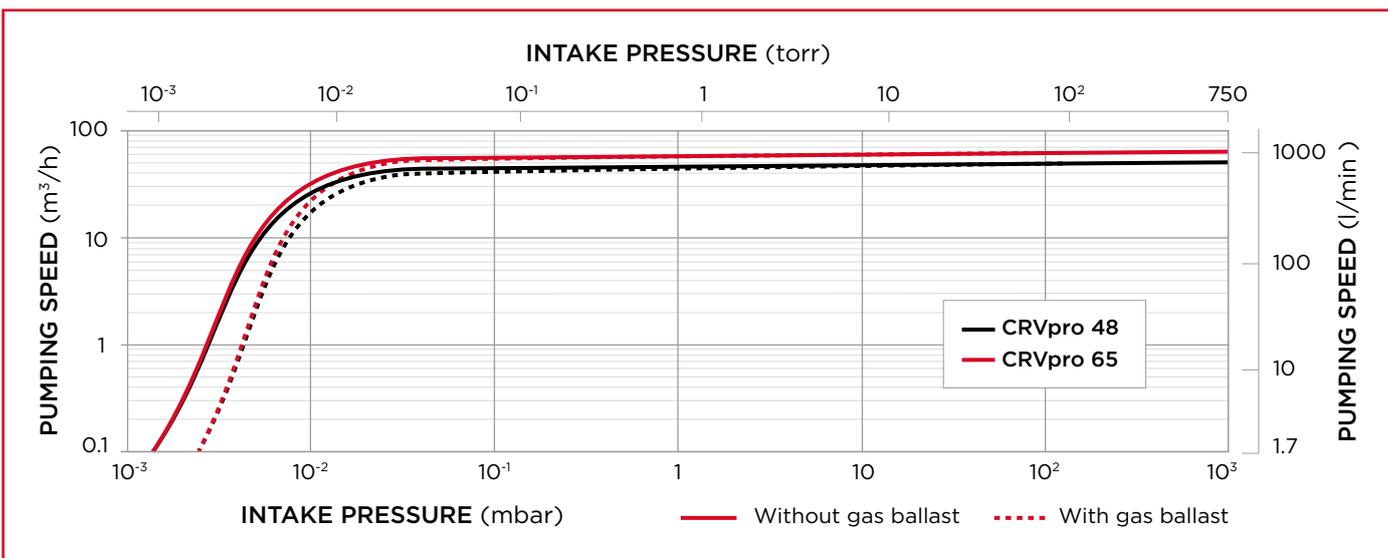
# ACCESSORIES

## INLET AND EXHAUST



DESCRIPTION			ORDER NO.
<b>INLET</b>			<b>CRVpro 48 &amp; 65</b>
PT40 separator to prevent the suction of condensates. Large collection capacity with sight glass for level monitoring			700146
ADT40 fine vacuum adsorption trap. With a very high affinity to Hydrocarbons to eliminate oil back-streaming			705185
ASF70 dust filter - For non-chemical application only			700436
<b>EXHAUST</b>			
OME85/40 Exhaust oil mist filter - With surface treatment for corrosion resistance			700623
<b>GENERAL</b>			
Oil drain kit, includes drain valve and funnel			340011
Premium vacuum pump oil	<b>5 liter</b> 800995-05	<b>20 liters</b> 800995-20	<b>200 liters</b> 800995-200
Labovac 13, PFPE oil, 1 liter			800131-01

# PERFORMANCE



# ROOTS PUMP SYSTEMS

Complete roots pump systems combining roots pump and CRVpro 2-stage rotary vane backing pump. These systems are compact high performance packages.

- ✓ Both pumps start simultaneously by using variable speed roots pump
- ✓ Optimised pumping curve for rapid system evacuation
- ✓ Robust construction on steel frame trolley
- ✓ Pumping speed up to 400 m³/h

Further information and part numbers on request

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