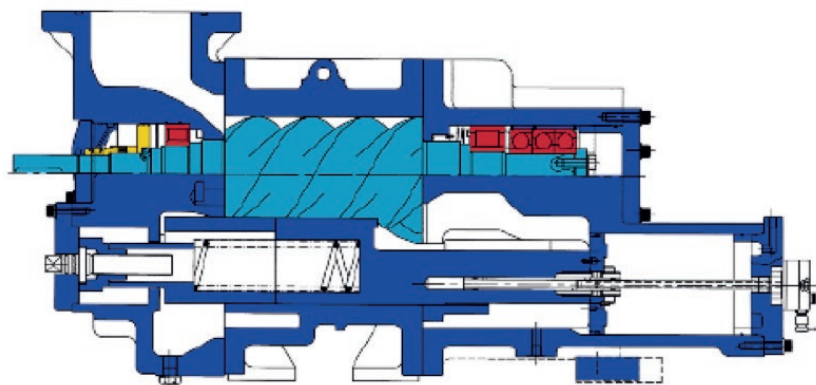


XRV 163mm range

Oil injected screw compressors Product specifications



Sectional view of typical XRV screw compressor

Howden's XRV range of screw compressors have been developed specially for the refrigeration market. Our single-walled oil injected range, developed especially to allow ease of installation for the packager and ideal for mounting on horizontal oil separator applications.

XRV 163 range key performance parameters

Max pressure	21 bar g	304.5 psi g
Min flow	296 sm ³ /hr	173 CFM
Max flow	852 sm ³ /hr	500 CFM
Min speed	1500 rpm	
Max speed	3600 rpm	

XRV 163 illustrative performance

XRV 163 variants	Speed rpm	Swept volume m ³ /hr	Nominal capacities in kW for R717			Dimensions in mm basic unit L x W x H	Weight (basic direct drive unit) kg / lbs	Sound pressure level dBa
			High stage -10/+35°C	Booster -40/-10°C	With economiser -40/+35°C			
XRV163/165	3000	593	344	109	105	1070x430x450	364 / 802	84
XRV163/193	3000	710	416	132	126	1116x430x450	388 / 855	84



Features and benefits

Ease of installation: Ideal for horizontal separator applications.

Use of roller bearings: No oil pump for over 90% of installations.

Variable Vi: Available with adjustable Vi system.

Stepless capacity control: Combined with variable Vi, gives maximum energy saving.

Ease of service: Separate end covers give easy access to rolling elements.

For more information on Howden screw compressors, contact:

Howden Compressors Ltd. 133 Barfillan Drive, Glasgow G52 1BE, Scotland, United Kingdom

Tel: + 44 (0) 141 885 7500

Fax: + 44 (0) 141 882 8648

Email: hcl.sales@howden.com

Revolving Around You™