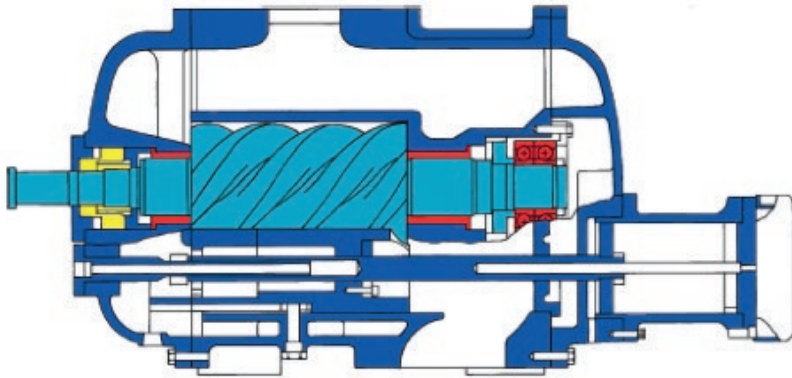
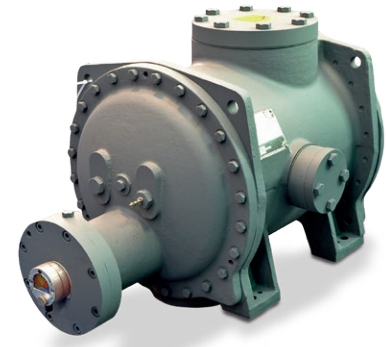


WRV 163mm range

Oil injected screw compressors Product specifications



Sectional view of typical WRV screw compressor



Howden's WRV range of screw compressors are well proven, offer high reliability and versatility, and are designed for a wide range of applications. Our double-walled casing design, robust and highly reliable oil injected range, which includes the world's largest capacity oil injected screw compressors.

WRV 163 range key performance parameters

Max pressure	24.1 bar g	350 psi g
Min flow	341 sm ³ /hr	200 CFM
Max flow	1023 sm ³ /hr	600 CFM
Min speed	1500 rpm	
Max speed	4500 rpm	
Max power	350 kW	470 hp

WRV 163 illustrative performance

WRV 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			
WRV163/145	3000	549	331	106	97	1063x500x500	470/1035	82
WRV163/180	3000	680	412	131	122	1120x500x500	495/1091	82

Features and benefits

Thrust bearings: Angular contact or tilted pad.

Sleeve type journal bearings: Long operational life span.

Double wall construction: Low operating noise and suitable for high pressure application.

Optional casing and rotor material of construction: Flexibility to match project specification (eg. API 619).

Shaft seal options: Variety of standard and zero emission arrangements.

Range of capability: Probably the most comprehensive range of capacities available in the marketplace.

Installed compressors: More than 25,000 WRV compressors installed worldwide.

For more information on Howden screw compressors, contact:

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