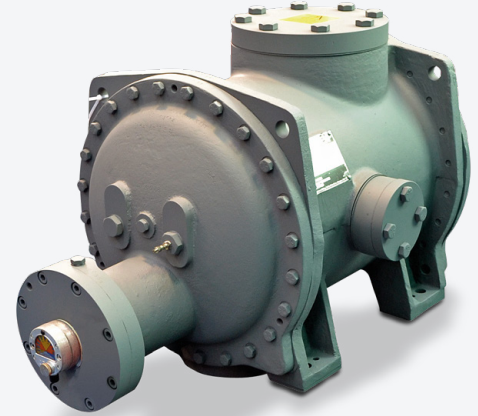
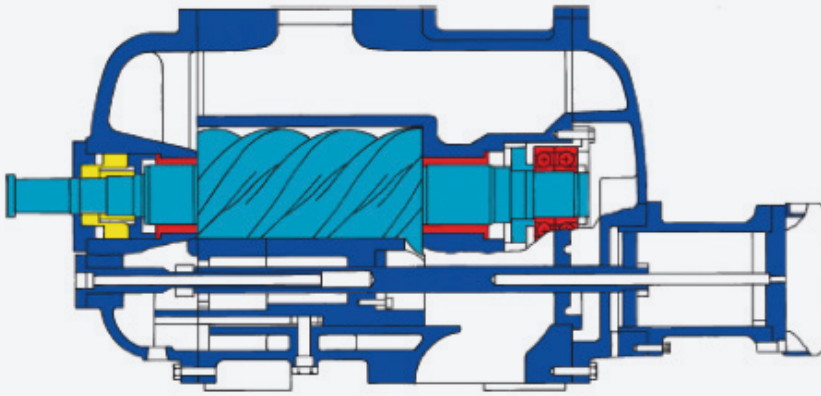


# WRV 163 range

## Oil injected screw compressors



Shown above: 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 <sup>3</sup> /hr	200 CFM
Max flow	1023 sm <sup>3</sup> /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 <sup>3</sup> /hr)	Normal capacities in kW for R717			Dimensions in mm basic unit (L x W x H)	Weight of basic direct drive unit (kg/lbs)	Sound pressure level (dBa)
			High stage (-10/+35°C)	Booster (-40/-10°C)	With economiser (-40/+35°C)			
WRV 163/145	3000	549	331	106	97	1063 x 500 x 500	470/1035	82
WRV 163/180	3000	353	213	67	65	1120 x 500 x 500	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

#### Start your screw compressor selection today:

Howden Select will match our most efficient and economical screw compressors to your application requirements.

[howden.cloud/selectsheet](https://www.howden.cloud/selectsheet)

#### For further information contact:

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