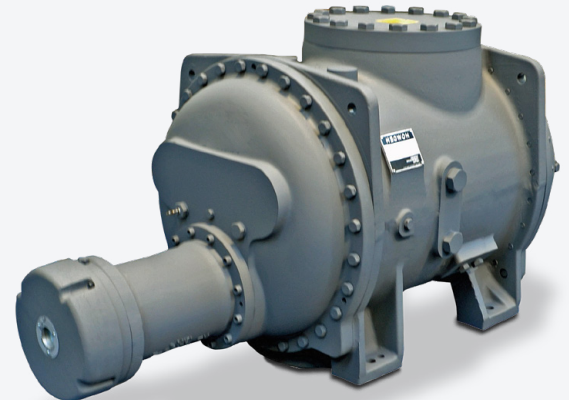
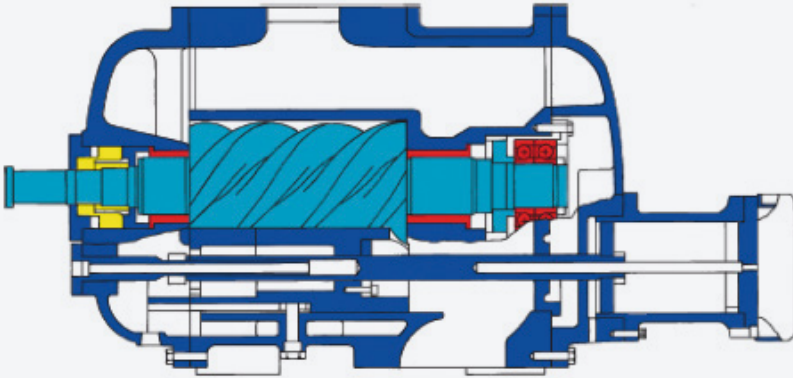


# WRVi 255 range

## 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 255 range key performance parameters

Max pressure	24.1 bar g	350 psi g
Min flow	794 sm <sup>3</sup> /hr	467 CFM
Max flow	3837 sm <sup>3</sup> /hr	2258 CFM
Min speed	1500 rpm	
Max speed	3600 rpm	
Max power	1150 kW	1542 hp

### 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)
- Variety of standard and zero emission shaft seal options
- Probably the most comprehensive range of capacities available in the marketplace
- More than 25,000 WRV compressors installed worldwide

### WRV 255 illustrative performance

WRV 255 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 255/110	3000	1590	1015	323	303	1493 x 692 x 711	1200/2645	87
WRV 255/130	3000	1755	1192	360	357	1544 x 692 x 711	1270/2799	87
WRV 255/145	3000	2150	1380	439	414	1583 x 692 x 711	1352/2921	87
WRV 255/165	3000	2395	1523	485	460	1633 x 692 x 711	1422/3134	87
<b>WRV 255/193</b>	<b>3000</b>	<b>2630</b>	<b>1714</b>	<b>545</b>	<b>536</b>	<b>1705 x 692 x 711</b>	<b>1540/3395</b>	<b>87</b>
WRV 255/220	3000	3190	2031	647	618	1818 x 692 x 711	1650/3638	87

#### 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:

Howden, a Chart Industries Company  
 Old Govan Road, Renfrew, PA4 8XJ, UK  
[www.howden.com](https://www.howden.com)