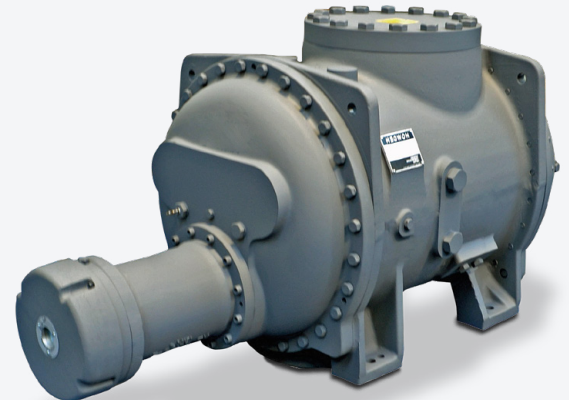
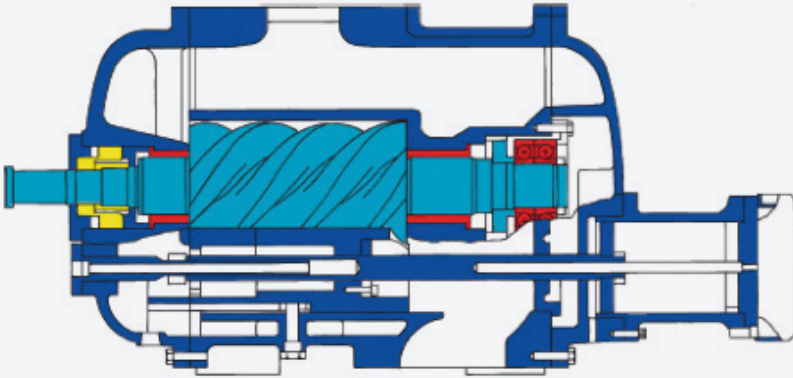


WRVi 255 range

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 ³ /hr | 467 CFM |
| Max flow | 3837 sm ³ /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 ³ /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 |
| WRV 255/193 | 3000 | 2630 | 1714 | 545 | 536 | 1705 x 692 x 711 | 1540/3395 | 87 |
| 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:

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