

**Rotary Vane Solutions for
Transit Applications**

 **hydrovane**

Transit Products



www.hydrovaneproducts.com

hydrovane

Innovation in Transit Compressor Technology

Hydrovane Transit Modules combine advanced rotary vane air compressor technology with the latest packaging designs suitable for all transit applications.

- ➔ Flows up to 1250 l/min (44 cfm)
- ➔ Pressures up to 13 bar (188 psi)
- ➔ Air System Modules to suit all applications

Small. Simple. Reliable

Hydrovane continues to lead the field in the design and manufacture of innovative compressed air solutions for the mass transit industry.

A new compact vane module has been designed specifically to offer weight and space savings in addition to class-leading efficiency and economy performance.

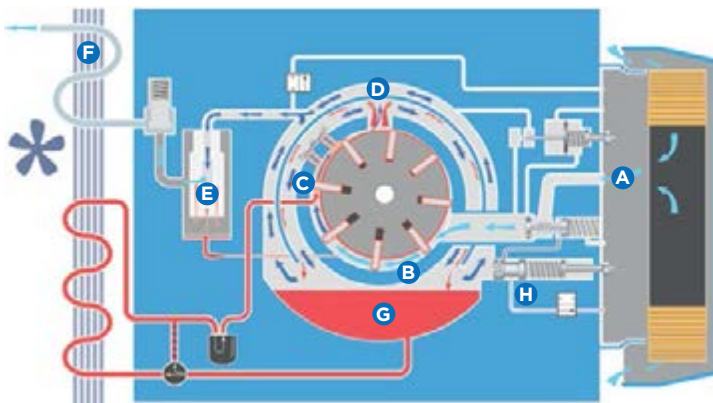


T02 Compact Vane air end



Integral oil/water heat exchanger

The Hydrovane Principle



- A** Air is drawn in through the intake valve
- B** Air is contained between the rotor and the stator wall
- C** Air is compressed by decreasing volume
Oil is continually injected to cool, seal and lubricate
- D** High pressure air passes into the primary oil separator
- E** Remaining traces of oil are removed in a final separator element, providing high quality air
- F** System air passes through the aftercooler, removing most of the condensate
- G** Oil is circulated by differential internal air pressure. It passes through an air-blast oil cooler and filter before being returned into the compressor
- H** Air flow is regulated by an inbuilt modulation system

View video at: www.hydrovaneproducts.com/why_hydrovane



The T02 Compact Vane



Hydrovane qualities as standard

- Ultra Quiet
- Vibration-free
- Smallest units in their class
- Low maintenance
- Flexible - 800rpm - 3000rpm.

Designed for optimum performance

- Warms up quickly - less problems with condensation
- High Utilisation - can be run continuously
- Small footprint allows for integration where space is at a premium.

Hydrovane's standard warranty

All Hydrovane compressors are guaranteed for 12 months from commissioning or 18 months from the date of shipment.

Rotary Vane Solutions for Transit Applications

Global Expertise

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