



ROTOVANE



THE COMPRESSOR FOR TRANSIT APPLICATIONS



**RUGGED CONSTRUCTION;
STRENGTH IN SIMPLICITY**

JOTEK

COMPRESSOR SPECIFICATIONS

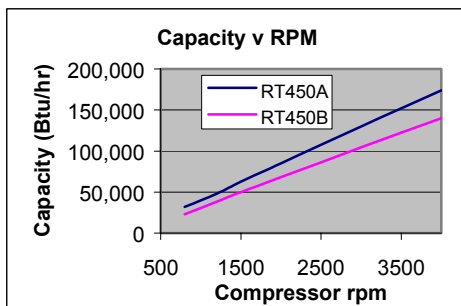
The RotoVane compressor is adapted specifically for transit applications. It utilizes a unique rotary vane technology.

INHERENT DESIGN FEATURES

- Unloaded start
- Virtually vibration free
- Only one major moving part
- 40% fewer parts

VARIABLE SPEED

Linear capacity vs. rpm curve and a 5:1 turndown ratio allows fine tuning selection of capacity by changing pulley size.

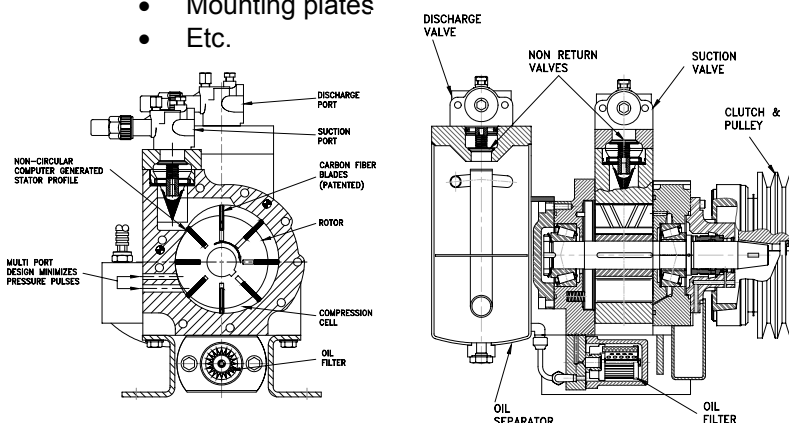


SPECIFICATIONS

- Capacity: TR450A (27 in²) 146,000BTU/hr
- Capacity: TR450B (22 in²) 118,000BTU/hr
- Parameters
 - Return gas temp: 65°F
 - Saturated suction temp: 40°F
 - Condensing temp: 130°F
 - Speed: 3000 rpm
- Speed range: 800– 4,000 rpm
- Weight: 128 lb

CUSTOMIZE THE COMPRESSOR PACKAGE FOR EASY INSTALLATION

- Suction & discharge tubes
- Pressure/temp switches or transducers
- Wiring harnesses
- Mounting plates
- Etc.

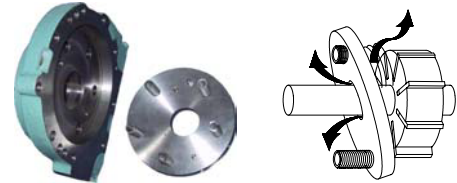


STANDARD FEATURES

PATENTED CARBON FIBER VANES



HIGH STRENGTH TO WEIGHT RATIO



PRESSURE PLATE – VENTS LIQUID SLUGS



NON RETURN VALVES
(SUCTION & DISCHARGE)

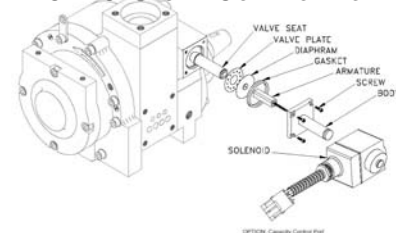


FLOATING ROTOR AND
SELF CENTERING BEARINGS



HEAVY DUTY
BELLOWS
MECHANICAL
SEAL

OPTION: CAPACITY CONTROL PORT



OPTION: Capacity Control Port



MODEL: RT450
PROFILE: A OR B

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