



447 2 STAGE PUMP 10HP 15HP 25HP 30HP

DeVair “V” - four cylinder compressors are a classic pump design proven through decades of use in applications ranging from automotive refinishing to demanding industrial production. The slow speed combined with the excellent cooling of these units creates a virtually unstoppable air compressor. High air delivery combined with simple maintenance, rugged design and efficient operation makes these compressors an exceptional value.

STANDARD FEATURES

- Cast iron cylinders, heads, crankcase.
- Pressure lubrication to journal bearings minimizes oil carryover and friction.
- Individually serviceable stainless steel spring and disc valves.
- Steel connecting rods with serviceable babbit bearing inserts.
- Precision balance oversized crankshaft (2.25 inch dia.) and premium bearings.
- Totally enclosed OSHA beltguard.
- High efficiency finned intercooler.
- Dual tube finned intercooler
- Air receivers meet ASME standard.
- Large diameter filter/silencer.
- Mechanical CPR for load-free motor starting.

PLATFORMS AND OPTIONS

10 & 15 HP

- 3 phase, 200/208, 230, 460 or 575 Volt.
- 120 gal ASME air receiver (vertical or horizontal).
- 240 gal duplex (2 pumps, 2 motors).
- Base mounted (no air receiver)magnetic starter and “pneumatic” style automatic tank condensate drain.
- Available with or without mounted magnetic starter.
- Also available as XL model which includes factory mounted low oil shutdown, automatic tank drain and mag starter.
- Optional constant RUN-STOP-START controls.
- Duplex and other custom products available.



10 hp - 120 gal horizontal air receiver
10HP & 15HP also available with 120 gal vertical air receiver



25 & 30 hp - 240 gal air receiver

PERFORMANCE SPECIFICATIONS

Model	HP	Tank	Displacement	CFM@175psig	CFM@150psig	CFM@ 100psig	Pump RPM
VAT-5063	10	120 Gal. Hor.	43.3	36.5	36.8	37.3	590
VATV-5063	10	120 Gal. Vert.	43.3	36.5	36.8	37.3	590
VAV-5062	15	120 Gal. Hor.	64.8	51.8	52.1	52.9	880
VAVV-5062	15	120 Gal. Vert.	64.8	51.8	52.1	52.9	880
VAX-5081	25	240H	108.2	86.6	87.0	88.5	735
VAY-5081	30	240H	124.1	99.3	99.9	101.5	845



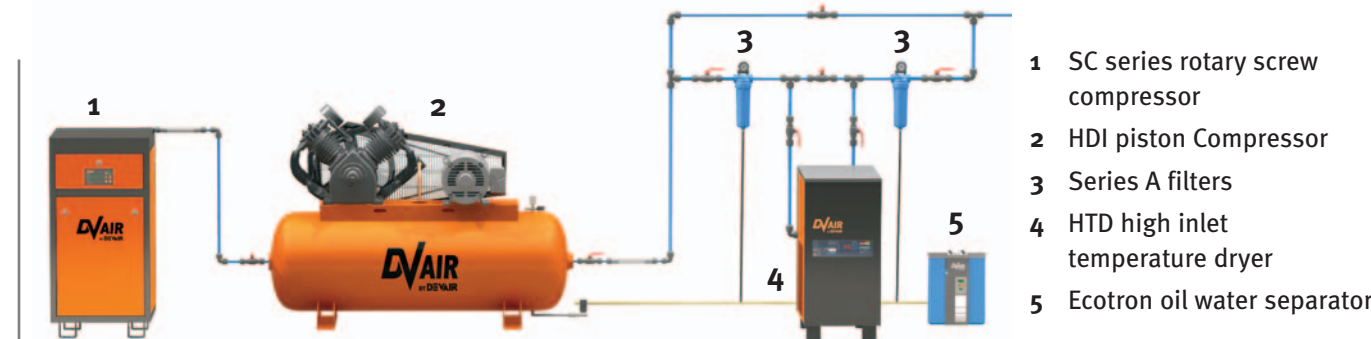
HDI 5HP TO 30HP

HEAVY DUTY INDUSTRIAL COMPRESSORS BY DEVAIR

DeVair HDI (Heavy Duty Industrial) compressors are available in single and two stage types, ranging from 1/2 hp to 30 hp. A wide range of refrigerated and high inlet temperature air dryers and filters, plus maintenance kits and repair parts are also available to provide you with the highest quality compressed air system.

All HDI pumps are manufactured in our North American factory to ensure smooth operation and extremely long life. Each pump is tested prior to mounting on the compressor, and again after final assembly.

TYPICAL HYBRID INSTALLATION



- **QUALITY DESIGN**
- **OUTSTANDING PERFORMANCE**
- **UNSURPASSED RELIABILITY**

7 Year Limited Warranty*

DeVair’s reputation for extreme quality, in both products and customer service is second to none, and traces its origins back to the early 1900’s. This reputation has made us the choice of many of North America’s leading independent distributors of air compressors and has assured the smooth operation of countless manufacturing and service operations. If a reliable source of compressed air is a critical factor in your operation, you cannot make a better investment than a DeVair HDI compressor.

DeVair also specializes in custom build compressors to accommodate your specialized requirements.

***7 Year Limited Warranty:**

DeVair HDI pumps are covered by a 7 Year Limited Warranty provided that the product is fully registered with DeVair and regularly maintained using approved maintenance parts, lubricants and filters.



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As we are continually trying to improve our products, specifications are subject to change without notice.

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HDI 5HP TO 30HP

HEAVY DUTY INDUSTRIAL COMPRESSORS BY DEVAIR

247 & 447 2-STAGE PUMPS

- **EXTREMELY RELIABLE**
- **HIGHEST PERFORMANCE**
- **EASY AND ECONOMICAL TO MAINTAIN**
- **PRESSURE LUBRICATION**
- **MINIMAL OIL CARRYOVER**
- **VERY LOW RPM**

7 Year Limited Warranty*



100+ Years of Engineering & Manufacturing Excellence

AIR COMPRESSORS YOU KNOW YOU CAN TRUST

The air delivery of all DeVair compressors is rated in accordance with ASME testing procedures.

HDI 5HP TO 30HP

HEAVY DUTY INDUSTRIAL COMPRESSORS BY DEVAIR

Engineering know-how, dedication to detail, and a commitment to quality are reflected in all the components of our compressors. Once assembled, we test the unit under industrial conditions before we allow it to leave our plant. When it comes to dependability, nothing beats a Devair Heavy Duty Industrial Air Compressor. Built with oversized components, extra heavy cast iron design and running at extremely slow rpm's, these units are designed to last for decades. The moving components of these pumps are machined, honed, balanced and assembled in Canada. Rugged construction and long life allows us to confidently offer the best warranty in the business. When installed and maintained properly, our customers seldom need warranty service on these units.

BALANCED PISTONS

Heat treated and stress relieved connecting rods are cast from ductile iron for strength and long life. High pressure pistons are made from solid cast iron to withstand extreme forces while the low pressure pistons are made from aluminum alloy. The tin-plated compression rings are designed to work in concert with the oil control rings and oil scraper.

BABBITT BEARINGS

Absorb hard particles and greatly reduce wear of crankshaft. Fully serviceable.

SOLID CAST IRON CYLINDERS

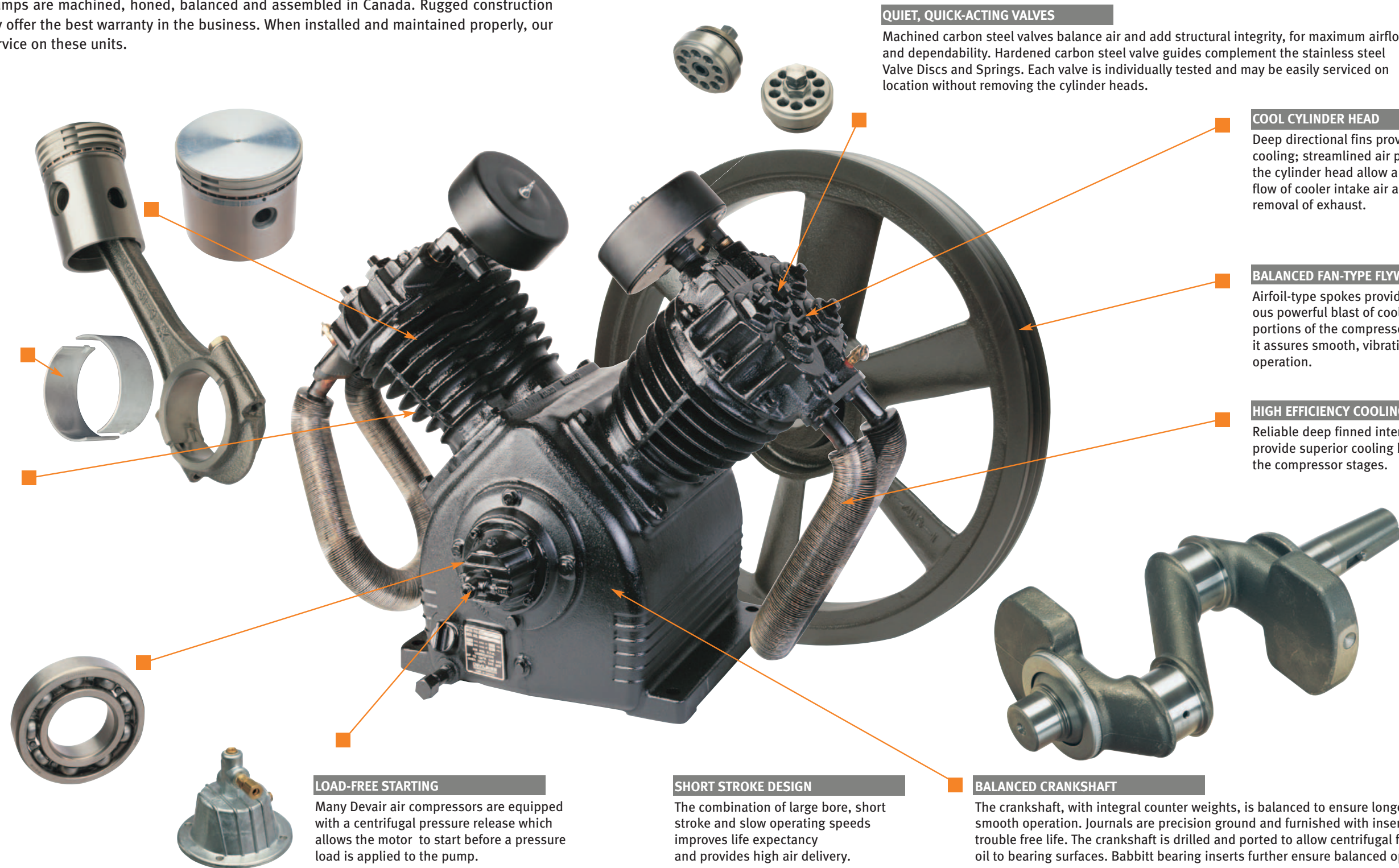
Solid cast iron minimizes distortion from assembly torque and heat. Precision-machined cylinder walls are honed to reduce friction and minimize oil carry over. Extra-deep fins provide increased cooling and greater strength.

BALL BEARINGS

Assuring an exceptionally free-running crankshaft, heavy load capacity ball bearings used in Devair outfits are lubricated from the crankcase and require no maintenance.



AIR COMPRESSORS YOU KNOW YOU CAN TRUST



QUIET, QUICK-ACTING VALVES

Machined carbon steel valves balance air and add structural integrity, for maximum airflow and dependability. Hardened carbon steel valve guides complement the stainless steel Valve Discs and Springs. Each valve is individually tested and may be easily serviced on location without removing the cylinder heads.

COOL CYLINDER HEAD

Deep directional fins provide quick cooling; streamlined air passages in the cylinder head allow a fast, efficient flow of cooler intake air and rapid removal of exhaust.

BALANCED FAN-TYPE FLYWHEEL

Airfoil-type spokes provide a continuous powerful blast of cooling air for all portions of the compressors. Balanced, it assures smooth, vibrationless operation.

HIGH EFFICIENCY COOLING FINS

Reliable deep finned intercoolers provide superior cooling between the compressor stages.

LOAD-FREE STARTING

Many Devair air compressors are equipped with a centrifugal pressure release which allows the motor to start before a pressure load is applied to the pump.

SHORT STROKE DESIGN

The combination of large bore, short stroke and slow operating speeds improves life expectancy and provides high air delivery.

BALANCED CRANKSHAFT

The crankshaft, with integral counter weights, is balanced to ensure longer life and smooth operation. Journals are precision ground and furnished with inserts for long trouble free life. The crankshaft is drilled and ported to allow centrifugal force to carry oil to bearing surfaces. Babbitt bearing inserts further ensure balanced operation.



247 2 STAGE PUMP 5HP 7.5HP 13HP

There is no match for the reliability, performance and quality of the Devair 247 model compressor pump. Running at just 635 rpm, the 5 hp model delivers an incredible 19.8 cfm at 150 psig. The 7 year warranty stands as a testament to the rugged "over design" of this product. As a 7.5 hp compressor, the 247 pump is running at its peak design parameters to provide reliable high quality compressed air for commercial and industrial applications.

STANDARD FEATURES

- Cast iron cylinders, heads, crankcase.
- Pressure lubrication to journal bearings.
- Individually serviceable stainless steel spring and disc valves.
- Steel connecting rods with serviceable babbit bearing inserts.
- Precision balance oversized crankshaft (2.25 inch dia.) and premium bearings.
- Totally enclosed OSHA beltguard.
- High efficiency finned intercooler.
- Air receivers meet ASME standard.
- Large diameter filter/silencer.

PLATFORMS AND OPTIONS

5 & 7.5 HP

- Single phase 230; 3 phase 200/208, 230,460 and 575 volt.
- 80 gal vertical ASME air receiver.
- 80 gal horizontal ASME air receiver.
- 120 gal Duplex unit.
- Base mounted (no air receiver).
- Available with or without mounted and wired magnetic starter.
- Duplex available with or without alternator relay and delay start timer (factory mounted and wired).
- All tank mounted units available as XL models which include factory mounted low oil shutdown control, magnetic starter and "pneumatic" style automatic tank condensate drain.

13 HP GAS

- 13 hp Honda gas engine.
- 30 gallon air receiver.
- Standard with automatic unloader, electric starter on engine.
- Optional clutch pulley available for fully loadless starting.



duplex - 120 gal air receiver



13 hp - Honda gas engine

5 & 7.5 hp - 80 gal vertical air receiver

PERFORMANCE SPECIFICATIONS

Model	HP	Tank	Displacement	CFM@175psig	CFM@150psig	CFM@100psig	Pump RPM
TAP-5052	5	80 Gal. Hor.	23.4	19.1	19.8	20.3	635
TAPV-5052	5	80 Gal. Vert.	23.4	19.1	19.8	20.3	635
TAS-5052	7.5	80 Gal. Hor.	28.9	25.8	25.9	26.2	800
TASV-5052	7.5	80 Gal. Vert.	28.9	25.8	25.9	26.2	800
TASE-5030	13 Gas	30 Gal. Hor.	28.9	25.8	25.9	26.2	800
TASE-5000	13 Gas	Base Mtd.	28.9	25.8	25.9	26.2	800