



HDI & SDI **SIMPLEX & DUPLEX**

HEAVY DUTY INDUSTRIAL COMPRESSORS &
STANDARD DUTY INDUSTRIAL COMPRESSORS
BY DEVAIR

- > TANK MOUNTED
- > BASE MOUNTED

- > CAST IRON COMPRESSOR PUMPS
- > TOTALLY ENCLOSED BELT GUARDS
- > ASME APPROVED AIR RECEIVERS
- > BALL VALVE AIR OUTLETS
- > SPECIALIZED CONTROL PACKAGES

- > **SAFE**
- > **RUGGED**
- > **RELIABLE**

- > CLIMATE CONTROL / HVAC READY



SDI	1HP 2HP 3HP
STANDARD DUTY INDUSTRIAL COMPRESSORS BY DEVAIR	



Currently available in three sizes, SDI HVAC compressors are specifically designed to meet the needs of HVAC specialists. Splash lubricated cast iron pumps are designed for high air delivery at low speeds, reducing wear and downtime. Factory equipped with optional magnetic starters, ASME standard air receivers and OSHA standard belt guards make these safe and energy efficient units for your HVAC and other small horsepower projects.

Built with the care and attention to detail that sets all DeVair compressors apart from the competition, all models are factory tested, independently certified, and warranted for two years.

Model	HP	Pump	Tank	Displ./Del CFM*	RPM	weight (lbs)
SDI1-2030	1	DEV-20	30 gal.	5.1/3.2	950	231
SDI2-3030	2	DEV-30	30 gal.	11.8/7.4	950	250
SDI3-4060	3	DEV-40	60 gal.	15.0/10.5	890	365

STANDARD FEATURES:

- Cast iron compressor pump
- Industrial grade motor
- Totally enclosed OSHA belt guard
- ASME approved air receivers
- Unloaded starting
- Ball valve air outlet
- Splash lubrication

2 Year
Limited Pump Warranty



SDI1-2030



SDI2-3030



SDI3-4060

REFRIGERATED DRYERS

Water and oily residues can build-up in your system and cause problems with controls and instruments. Our HTD and ASD series dryers remove water and water vapour, when combined with our special purpose air line filters, they are ideally suited for use in conjunction with DeVair Simplex and Duplex compressors.



ASD 10 Dryer

HDI 1/2HP TO 2HP

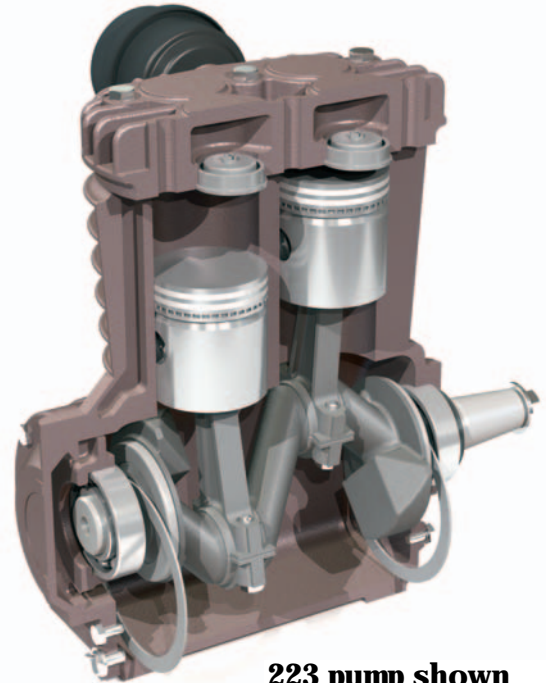
HEAVY DUTY INDUSTRIAL COMPRESSORS BY DEVAIR

Our HDI 1/2 to 2 HP reciprocating pump driven compressors offer all the rugged qualities that you have come to rely on from Devair. When low maintenance and ultra reliability are factors, you can't beat a compressor from Devair.

STANDARD FEATURES:

- Cast iron compressor pump
- Pressure lubrication to journal bearings
- Industrial grade motor
- Oversized main bearings and crankshaft
- Totally enclosed OSHA belt guard
- ASME approved air receivers
- Air receiver pressure gauge
- Ball valve air outlet
- Pressure switch

7 Year
Limited Pump Warranty



223 pump shown

SIMPLEX AIR COMPRESSORS

Model	HP	Pump	Tank	Displ./Del. CFM*	RPM	weight (lbs)
UDJ-5031	1/2	123	30 gal.	2.8/2.0	445	227
UDK-5031	3/4	123	30 gal.	4.4/3.0	695	231
UDL-5031	1	123	30 gal.	5.7/3.9	890	237
UDL-5032	1	223	30 gal.	5.7/3.7	445	400
UDM-5032	1 1/2	223	30 gal.	8.9/5.6	695	416
UDN-5032	2	223	30 gal.	11.4/7.0	890	435

DUPLEX AIR COMPRESSORS

Model	HP	Pump	Tank	Displ./Del. CFM*	RPM	weight (lbs)
UDJ-5542	1/2	123	60 gal.	2 x 2.8/2.0	445	446
UDK-5542	3/4	123	60 gal.	2 x 4.4/3.0	695	447
UDL-5541	1	123	60 gal.	2 x 5.7/3.9	890	454
UDL-5542	1	223	60 gal.	2 x 5.7/3.7	445	504
UDM-5542	1 1/2	223	60 gal.	2 x 8.9/5.6	695	507
UDN-5542	2	223	60 gal.	2 x 11.4/7.0	890	517

* Displacement. Actual air delivery will depend upon conditions of operation.

HDI 5HP - 30HP DUAL STAGE

BASE MOUNTED AND DUPLEX HEAVY DUTY INDUSTRIAL COMPRESSORS BY DevAIR

BASE MOUNTED COMPRESSORS

Magnetic starter not included. Purchase separately for wall mounting.

HP	Model Type	Pump Disp.	CFM @150 psi	CFM
5	STAP-5002	247	23.4	19.1
7.5	STAS-5002	247	28.9	25.8
10	SVAT-5003	447	43.3	36.5
15	SVAV-5002	447	64.8	51.8
25	SVAX-5001	(2) 447	108.2	86.6
30	SVAY-5001	(2) 447	124.1	99.3



BASE MOUNTED COMPRESSOR

TANK MOUNTED DUPLEX COMPRESSORS

Each unit includes two pumps and two motors. Mounted on one (1) tank.

HP	Model Size	Tank Type	Pump @150 psi	CFM
5	TAP-5562	120 H	247	39.6
7.5	TAS-5562	120 H	247	51.8
10	VAT-5583	240 H	447	73.6
15	VAV-5582	240 H	447	104.2



TANK MOUNTED DUPLEX COMPRESSOR

FULLY EQUIPPED XL DUPLEX COMPRESSORS

Including: factory mounted auto drain, oil monitor, magnetic starter and alternator.

HP	Model Size	Tank Type	Pump @150 psi	CFM
5	TAP-5562-XL	120 H	247	39.6
7.5	TAS-5562-XL	120 H	247	51.8
10	VAT-5583-XL	240 H	447	73.6
15	VAV-5582-XL	240 H	447	104.2

DUPLEX CONTROL PANELS

These control panels are used with Duplex Compressor units (two pumps and two motors on one air tank) only, and allow each pump/motor combination to start and stop alternately. If the active pump/motor cannot keep-up with the air demand, the second pump/motor group will be turned-on to assist.

PACKAGES INCLUDE:

- (2) Magnetic Starters
- (1) Logic Relay c/w Devair "Alternating" program loaded
- (1) Stepdown transformer (as required)
- (1) NEMA 4/4x/12 enclosure
- (2) Hand/Off/Auto switches
- (2) Red run lights

Note: Since duplex panels for wall mounting include the starters and alternators, order the companion duplex compressor in the less starter type. Intended for use with duplex compressor only. For twin simplex compressors, consult factory.

7 Year
Limited Pump Warranty

ALL DUAL-STAGE COMPRESSORS FEATURE OUR LEGENDARY 247 AND 447 PUMPS.

For more information about those incredibly reliable machines please consult our HDI folder.



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