

Aerzen USA

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Phone: 610-380-0244 • **Fax:** 610-380-0278**Email:** parts@aerzenusa.com • **Website:** www.aerzenusa.com**DELTA HYBRID GENERATION 5 ROTARY LOBE COMPRESSOR PACKAGES**

Aerzen Rotary Lobe Compressor- The best of both worlds, for high intake volume flows of between 65 cfm to 5,300 cfm. Quiet, Compact, Energy Efficient

The Rotary Lobe Compressor is the result of a synergy between the rotary lobe blower and the screw compressor technologies.

The Delta Hybrid was developed with the focus on increasing energy efficiency and achieving a significant reduction of energy costs and greenhouse gas emissions.

Wire-to-process energy usage reduction can exceed 30%

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<u>ITEM #</u>	<u>PRESSURE OR VACUUM</u>	<u>DIFFERENTIAL PRESSURE</u>	<u>VOLUME FLOW</u>	<u>MOTOR OUTPUT</u>	<u>NOISE PRESSURE LEVEL</u>	<u>PIPE SIZE</u>
<u>D12H</u>	Pressure	22 psi 1500 mbar	390 CFM 670 m ³ /h	50 hp 37 kW	73 dBA	4 in 100 mm

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<u>D12S</u>	Pressure	15 psi 1000 mbar	410 CFM 690 m ³ /h	40 hp 30 kW	72 dBA	4 in 100 mm
<u>D17L</u>	Pressure	12 psi 800 mbar	480 CFM 810 m ³ /h	40 hp 30 kW	66 dBA	5 in 125 mm
<u>D24H</u>	Pressure	22 psi 1500 mbar	810 CFM 1370 m ³ /h	100 hp 75 kW	76 dBA	5 in 125 mm
<u>D24S</u>	Pressure	15 psi 1000 mbar	820 CFM 1390 m ³ /h	75 hp 55 kW	74 dBA	5 in 125 mm
<u>D28L</u>	Pressure	12 psi 800 mbar	790 CFM 1340 m ³ /h	60 hp 45 kW	70 dBA	5 in 125 mm
<u>D36H</u>	Pressure	22 psi 1500 mbar	1240 CFM 2100 m ³ /h	150 hp 110 kW	76 dBA	6 in 150 mm
<u>D36S</u>	Pressure	15 psi 1000 mbar	1270 CFM 2150 m ³ /h	100 hp 75 kW	76 dBA	6 in 150 mm
<u>D46L</u>	Pressure	12 psi 800 mbar	1380 CFM 2350 m ³ /h	100 hp 75 kW	70 dBA	6 in 150 mm

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<u>D52S</u>	Pressure	15 psi 1000 mbar	1836 CFM 3120 m ³ /h	150 hp 110 kW	77 dBA	6 in 150 mm
<u>D62H</u>	Pressure	22 psi 1500 mbar	2000 CFM 3400 m ³ /h	200 hp 160 kW	81 dBA	8 in 200 mm
<u>D62S</u>	Pressure	15 psi 1000 mbar	2060 CFM 3500 m ³ /h	150 hp 110 kW	79 dBA	8 in 200 mm
<u>D75L</u>	Pressure	12 psi 800 mbar	2280 CFM 3870 m ³ /h	175 hp 132 kW	77 dBA	10 in 250 mm
<u>D98H</u>	Pressure	22 psi 1500 mbar	3280 CFM 5600 m ³ /h	350 hp 250 kW	81 dBA	10 in 250 mm
<u>D98S</u>	Pressure	15 psi 1000 mbar	3390 CFM 5800 m ³ /h	250 hp 200 kW	79 dBA	10 in 250 mm
<u>D152H</u>	Pressure	22 psi 1500 mbar	5120 CFM 8700 m ³ /h	536 hp 400 kW	81 dBA	12 in 300 mm

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<u>D152S</u>	Pressure	15 psi 1000 mbar	5240 CFM 8900 m ³ /h	400 hp 315 kW	80 dBA	12 in 300 mm
<u>D12E</u>	Vacuum	-21 mbar -700 inHg	380 CFM 650 m ³ /h	25 hp 18.5 kW	72 dBA	4 in 100 mm
<u>D24E</u>	Vacuum	-21 mbar -700 inHg	780 CFM 1320 m ³ /h	50 hp 37 kW	73 dBA	5 in 125 mm
<u>D36E</u>	Vacuum	-21 mbar -700 inHg	1180 CFM 2000 m ³ /h	75 hp 55 kW	76 dBA	6 in 150 mm
<u>D62E</u>	Vacuum	-21 mbar -700 inHg	1940 CFM 3300 m ³ /h	125 hp 90 kW	79 dBA	8 in 200 mm
<u>D98E</u>	Vacuum	-21 mbar -700 inHg	3237 CFM 5500 m ³ /h	175 hp 132 kW	78 dBA	10 in 250 mm
<u>D152E</u>	Vacuum	-21 mbar -700 inHg	5000 CFM 8500 m ³ /h	210 hp 160 kW	79 dBA	12 in 300 mm