

FEATURES AND BENEFITS

eCOOL® TECHNOLOGY

The ultimate in system protection and reliability

- Protects critical components from compressor-generated heat
- Compartmentalized air flow design and oversized aftercooler
- Extends component life and reduces downtime

dBa SHIELD NOISE REDUCTION

Designed for quieter operation

- Extra-thick sound insulation reduces noise
- Can be installed in applications where dBa level is critical
- Laminated oil-proof sound insulation

ENERGY EFFICIENCY & QUALITY COMPONENTS

Built to the highest levels of dependability, reliability & efficiency

- Premium Efficiency TEFC (IP55 Class F) motor protects compressor from harsh environment
- IE3 Motors increase efficiency
- NEMA-1 electric panel
- Wye-Delta motor starter
- Hi-Efficiency air/oil separator with 1-3 ppm carryover
- 120 volt control voltage
- 100% continuous duty cycle, pulsation free air



- Energy efficient oversized cooler
- Built-in heavy duty air intake filter
- Durable powder-coat painted enclosure
- Leak-free design with o-ring seal fittings & hoses
- Variable Speed Drive optional

EASE OF MAINTENANCE

Designed for low cost of ownership, easy service & little down time

- Easy access to all preventative maintenance components
- Washable cabinet pre-filter
- Controller alerts for maintenance intervals
- Differential pressure indicators for the oil filters, air filter & separator element
- Pivoting separator tank lid allows for easy element change out (75/90kW)

TECHNICAL DATA

Direct

MODEL	CAPACITY FAD (CFM)				MOTOR Kw / HP	SOUND LEVEL (175 PSI) dBA	DIMENSIONS (base mount) (L x W x H In.)	WEIGHT (base mount) Lbs.
	100 psi	125 psi	150 psi	175 psi				
NxD45	288	263	246	233	45/60	72	79 x 50 x 69	2911
NxD55	356	324	293	270	55/75	74		3035
NxD75	495	436	416	382	75/100	76	86 x 53 x 73	4020
NxD90	565	492	448	424	90/125	78		4090
NxD110	691	622	573	537	110 / 150	78	114.2 x 73.2 x 76.6	6613
NxD160	1038	938	826	760	160 / 200	78		8157
NxD185	1103	1026	927	815	185 / 250	78		8267
NxD220					220 / 300			
NxD260					260 / 350			

Variable Speed

MODEL	CAPACITY FAD (CFM) Minimum - Maximum			MOTOR Kw / HP	SOUND LEVEL (100-175 PSI) dBA	DIMENSIONS (tank mounted) (L x W x H In.)	WEIGHT (tank mounted) Lbs.
	100 psi	125 psi	150 psi				
NxV45	288.3 - 63.5	262.7 - 70.5	244.7 - 64.2	45/60	69/72	79 x 49 x 69	2911
NxV55	345.4 - 71.3	314.2 - 94.0	277.4 - 122.3	55/75	71/74		3035
NxV75	498.8 - 120.7	450.8 - 119.7	411.3 - 117.4	75/100	72/76	86 x 63 x 73	4020
NxV90	567.3 - 120.7	505.5 - 119.7	456.5 - 117.5	90/125	74/78		4090
NxV110				110 / 150	78/82	107.9 x 67.3 x 68	6613
NxV160				160 / 200	78/82		8157
NxV185				185 / 250	78/82	114.2 x 73.2 x 76.6	8267