

## 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	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	79 x 50 x 69	2911
NxD55	356	324	293	270	55/75		3035
NxD75	495	436	416	382	75/100	86 x 53 x 73	4020
NxD90	565	492	448	424	90/125		4090
NxD110	691	622	573	537	110/150	108 x 67 x 68	6613
NxD160	1038	938	826	760	160/200	114 x 73 x 77	8157
NxD185	1103	1026	927	815	185/250		8267
NxD220	1455	1356	1222	1137	220/295	154 x 83 x 83	12397
NxD260	1642	1543	1398	1300	260/340		12511

### Variable Speed

MODEL	CAPACITY FAD (CFM) Maximum - Minimum			MOTOR Kw / HP	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	79 x 49 x 69	2911
NxV55	345.4 - 71.3	314.2 - 94.0	277.4 - 122.3	55/75		3035
NxV75	498.8 - 120.7	450.8 - 119.7	411.3 - 117.4	75/100	86 x 63 x 73	4020
NxV90	567.3 - 120.7	505.5 - 119.7	456.5 - 117.5	90/125		4090
NxV110	688.5 - 205.4	624.1 - 200.0	574.0 - 175.0	110/150	112 x 67 x 68	6767
NxV160	1030.0 - 340.0	965.0 - 333.0	838.0 - 333.0	160/215	114 x 73 x 77	8361
NxV185	1104.0 - 352.0	1031.3 - 358.0	929.0 - 349.0	185/250		8482