

Oil-injected

Rotary Screw Air Compressors

Installed motor power 5.5 - 400 kW/7.5 - 550 hp

Free air delivery from 0.31 to 73.63 m³/min, Pressure 7.5 - 13 bar



P-DNR202101-28 Specifications are subject to change without prior notice.
Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.



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OIL-INJECTED ROTARY SCREW AIR COMPRESSOR(FIXED SPEED)

Features and advantages



01

Smart Controller

- Increased reliability: durable keyboard, user-friendly, multilingual user interface.
- Improved ease of use: intuitive navigation system with main operation conditions include warning indications, maintenance scheduling etc.



02

Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400 C = 752 F) and low temperature resistant (-270 C = -518 F), high pressure resistant.
- Ultra-long life (80 years), completely leak free and maintenance free.



03

Intelligent Control and Protection

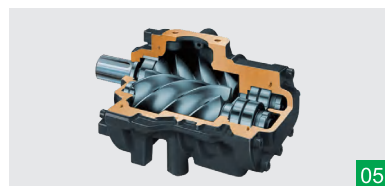
- Schneider electrical elements with original package from Germany, safe and reliable.
- Reasonable, simple and clear wiring, easy for maintenance.
- Good protection function ensures the stable running of the compressor unit.



04

Premium Efficiency Drive Motor

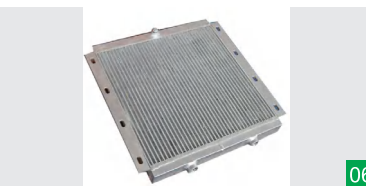
- Premium efficiency Totally Enclosed Fan Cooled (TEFC) IP54/IP55 motor (Class F insulation) protects against dust and chemicals etc.
- Long-term stable operation even in harsh environments up to 55 C (131 F)



05

State-of-the-art Screw Element

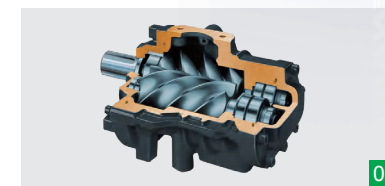
- Original DENAIR air end.
- Advanced SAP profile design
- The material of the rotors is American specialty steel.
- Superior Sweden SKF element bearings.



06

Efficient Radiator

- High quality aluminum fins and copper coil materials with good thermal conductivity ensure the perfect cooling efficiency.



07

State-of-the-art Screw Element

- Original DENAIR air end
- Advanced SAP profile design
- The material of the rotors is American specialty steel
- Superior Sweden SKF element bearings



08

Heavy-duty Oil Filter

- Heavy-duty oil filter with excellent oil purification capability ensures a clean and safe oil system
- Long service period and easy filter change reduce maintenance costs.



09

Energy-saving 1:1 Direct Driven design

- Germany KTR brand maintenance-free coupling makes the motor drive the air end without transmission loss.



10

Efficient Separation System

- Reduction of pressure drops and energy costs
- Low oil consumption ensures minimal maintenance costs and long compressor lifetime
- Quality air with low oil content:
 - three step air-oil separation (centrifuge, gravity, filter)
 - oil content: less than 3 ppm by weight
 - hinged cover for easy separator element change



11

Superior Air Filter

- Superior air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments
- Extends the service life of the compressor parts and components, ensures high air quality

Technical parameters for EEI 1***

Model	Maximum Working Pressure		Capacity FAD*				Installed Motor Power		Cooling Method	Noise level** [dB(A)]	Dimensions(mm)			Weight kg	Air outlet pipe diameter
			50Hz		60Hz						L	W	H		
	bar(g)	psig	m³/min	cfm	m³/min	cfm	kW	hp							
DA-55+	7.5	109	11.18	395	12.50	441	55	75	78	2350	1500	1600	1500	DN50	
	8.5	123	11.03	389	12.46	440	55	75	78	2350	1500	1600	1500	DN50	
	10.5	152	10.29	363	12.35	436	55	75	78	2350	1500	1600	1500	DN50	
	13.0	189	10.19	360	7.61	269	55	75	78	2350	1500	1600	1500	DN50	
DA-75+	7.5	109	14.97	529	15.02	530	75	100	78	2350	1500	1600	1700	DN50	
	8.5	123	14.95	528	14.94	528	75	100	78	2350	1500	1600	1700	DN50	
	10.5	152	10.94	386	12.35	436	75	100	78	2350	1500	1600	1700	DN50	
	13.0	189	10.90	385	10.15	359	75	100	78	2350	1500	1600	1700	DN50	
DA-90(W)+	7.5	109	19.81	700	20.17	712	90	120	78	2650	1700	1850	2500	DN80	
	8.5	123	19.79	699	19.78	698	90	120	78	2650	1700	1850	2500	DN80	
	10.5	152	14.76	521	18.90	667	90	120	78	2650	1700	1850	2500	DN80	
	13.0	189	14.40	508	16.32	576	90	120	78	2650	1700	1850	2500	DN80	
DA-110(W)+	7.5	109	22.53	795	23.31	823	110	150	78	2650	1700	1850	3200	DN80	
	8.5	123	22.49	794	23.00	812	110	150	78	2650	1700	1850	3200	DN80	
	10.5	152	19.77	698	20.16	712	110	150	78	2650	1700	1850	3200	DN80	
	13.0	189	15.67	553	16.63	587	110	150	78	2650	1700	1850	3200	DN80	
DA-132(W)+	7.5	109	25.81	911	27.72	979	132	175	78	2650	1700	1850	3950	DN80	
	8.5	123	25.79	911	27.04	955	132	175	78	2650	1700	1850	3950	DN80	
	10.5	152	22.39	791	23.06	814	132	175	78	2650	1700	1850	3950	DN80	
	13.0	189	19.56	691	22.68	801	132	175	78	2650	1700	1850	3950	DN80	
DA-160(W)+	7.5	109	32.15	1135	32.99	1165	160	215	80	3000	1950	2030	5000	DN100	
	8.5	123	32.11	1134	32.34	1142	160	215	80	3000	1950	2030	5000	DN100	
	10.5	152	25.66	906	27.72	979	160	215	80	3000	1950	2030	5000	DN100	
	13.0	189	22.26	786	24.09	851	160	215	80	3000	1950	2030	5000	DN100	
DA-185(W)+	7.5	109	39.16	1383	41.05	1450	185	250	80	3000	1950	2030	5500	DN100	
	8.5	123	38.95	1375	40.96	1446	185	250	80	3000	1950	2030	5500	DN100	
	10.5	152	31.79	1122	33.10	1169	185	250	80	3000	1950	2030	5500	DN100	
	13.0	189	25.45	899	27.19	960	185	250	80	3000	1950	2030	5500	DN100	
DA-200(W)+	7.5	109	43.48	1535	43.26	1528	200	270	85	3500	2200	2300	6000	DN125	
	8.5	123	43.48	1535	42.33	1495	200	270	85	3500	2200	2300	6000	DN125	
	10.5	152	31.79	1122	33.74	1191	200	270	85	3500	2200	2300	6000	DN125	
	13.0	189	26.74	944	28.31	1000	200	270	85	3500	2200	2300	6000	DN125	
DA-220(W)+	7.5	109	47.92	1692	52.05	1838	220	300	85	3500	2200	2300	6300	DN125	
	8.5	123	47.92	1692	51.95	1834	220	300	85	3500	2200	2300	6300	DN125	
	10.5	152	39.08	1380	43.53	1431	220	300	85	3500	2200	2300	6300	DN125	
	13.0	189	31.79	1122	33.40	1179	220	300	85	3500	2200	2300	6300	DN125	
DA-250(W)+	7.5	109	51.43	1816	57.35	2025	250	350	85	3500	2200	2300	6500	DN125	
	8.5	123	51.43	1816	56.01	1978	250	350	85	3500	2200	2300	6500	DN125	
	10.5	152	42.52	1501	46.78	1652	250	350	85	3500	2200	2300	6500	DN125	
	13.0	189	38.68	1366	40.13	1417	250	350	85	3500	2200	2300	6500	DN125	
DA-280(W)+	7.5	109	56.69	2002	61.57	2174	280	375	85	3700	2400	2550	7000	DN125	
	8.5	123	56.69	2002	60.39	2131	280	375	85	3700	2400	2550	7000	DN125	
	10.5	152	47.78	1687	51.52	1819	280	375	85	3700	2400	2550	7000	DN125	
	13.0	189	42.09	1486	46.31	1635	280	375	85	3700	2400	2550	7000	DN125	
DA-315(W)+	7.5	109	64.07	2262	67.86	2396	315	425	85	4500	2500	2450	7500	DN125	
	8.5	123	64.07	2262	66.57	2351	315	425	85	4500	2500	2450	7500	DN125	
	10.5	152	56.13	1982	57.19	2019	315	425	85	4500	2500	2450	7500	DN125	
	13.0	189	42.52	1501	49.91	1762	315	425	85	4500	2500	2450	7500	DN125	
DA-355(W)+	7.5	109	73.63	2600	75.64	2671	355	475	85	4500	2500	2450	8000	DN125	
	8.5	123	73.47	2594	74.05	2615	355	475	85	4500	2500	2450	8000	DN125	
	10.5	152	63.44	2240	67.18	2372	355	475	85	4500	2500	2450	8000	DN125	
	13.0	189	51.43	1816	50.89	1797	355	475	85	4500	2500	2450	8000	DN125	

*)FAD in accordance with ISO 1217:2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C
 **) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ±3 dB(A)
 ***) EEI 1 - Energy Efficiency Index 1, which refers to enhanced energy saving series
Specifications are subject to change without notice.

Technical parameters for EEI 2***

Model	Maximum Working Pressure		Capacity FAD*				Installed Motor Power		Cooling Method	Noise level** [dB(A)]	Dimensions(mm)			Weight kg	Air outlet pipe diameter	
			50Hz		60Hz						L	W	H			
	bar(g)	psig	m³/min	cfm	m³/min	cfm	kW	hp								
DA-5	7.5	109	0.80	28	0.80	28	5.5	7.5	Belt Driven	75	900	600	860	315	G3/4"	
	8.5	123	0.78	28	0.78	28	5.5	7.5		75	900	600	860	315	G3/4"	
DA-7	7.5	109	1.09	39	1.09	39	7.5	10		75	900	600	860	315	G3/4"	
	8.5	123	1.07	38	1.07	38	7.5	10		75	900	600	860	315	G3/4"	
	10.5	152	0.92	32	0.91	32	7.5	10		75	900	600	860	315	G3/4"	
	13.0	189	0.73	26	0.72	26	7.5	10		75	900	600	860	315	G3/4"	
DA-11	7.5	109	1.66	59	1.66	59	11	15		75	1050	650	900	324	G3/4"	
	8.5	123	1.64	58	1.64	58	11	15		75	1050	650	900	324	G3/4"	
	10.5	152	1.45	51	1.45	51	11	15		75	1050	650	900	324	G3/4"	
	13.0	189	1.13	40	1.12	40	11	15		75	1050	650	900	324	G3/4"	
DA-15	7.5	109	2.54	90	2.53	89	15	20	Direct Driven Air Cooling	75	1100	650	920	453	G1-1/4"	
	8.5	123	2.51	88	2.50	88	15	20		75	1100	650	920	453	G1-1/4"	
	10.5	152	1.97	70	1.86	66	15	20		75	1100	650	920	453	G1-1/4"	
	13.0	189	1.91	67	1.83	65	15	20		75	1100	650	920	453	G1-1/4"	
DA-18	7.5	109	3.04	107	3.65	129	18.5	25		75	1300	800	1050	453	G1-1/4"	
	8.5	123	3.03	107	3.63	128	18.5	25		75	1300	800	1050	453	G1-1/4"	
	10.5	152	3.00	106	2.38	84	18.5	25		75	1300	800	1050	453	G1-1/4"	
	13.0	189	1.91	67	2.36	83	18.5	25		75	1100	650	920	453	G1-1/4"	
DA-22	7.5	109	3.57	126	3.65	129	22	30		75	1300	800	1050	477	G1-1/4"	
	8.5	123	3.55	125	3.63	128	22	30		75	1300	800	1050	477	G1-1/4"	
	10.5	152	3.00	106	2.38	84	22	30	75	1300	800	1050	477	G1-1/4"		
	13.0	189	2.97	105	2.36	83	22	30	75	1300	800	1050	477	G1-1/4"		
DA-30	7.5	109	5.28	187	4.49	159	30	40	Direct Driven Air Cooling	85	1400	900	1200	682	G1-1/2"	
	8.5	123	5.26	186	4.48	158	30	40		85	1400	900	1200	682	G1-1/2"	
	10.5	152	5.21	184	4.47	158	30	40		85	1400	900	1200	682	G1-1/2"	
	13.0	189	3.45	122	3.58	126	30	40		85	1400	900	1200	682	G1-1/2"	
DA-37	7.5	109	6.54	231	6.33	224	37	50		85	1400	900	1200	728	G1-1/2"	
	8.5	123	6.52	230	6.30	222	37	50		85	1400	900	1200	728	G1-1/2"	
	10.5	152	5.21	184	4.47	158	37	50		85	1400	900	1200	728	G1-1/2"	
	13.0	189	5.16	182	4.43	156	37	50		85	1400	900	1200	728	G1-1/2"	
DA-45	7.5	109	7.67	271	7.79	275	45	60		Direct Driven Air Cooling	85	1500	960	1200	728	G1-1/2"
	8.5	123	7.62	269	7.76	274	45	60			85	1500	960	1200	728	G1-1/2"
	10.5	152	6.46	228	6.24	220	45	60	85		1500	960	1200	728	G1-1/2"	
	13.0	189	6.41	226	4.44	157	45	60	85		1500	960	1200	728	G1-1/2"	
DA-55	7.5	109	9.76	345	9.14	323	55	75	85		1800	1200	1400	1310	G2"	
	8.5	123	9.67	342	9.06	320	55	75	85		1800	1200	1400	1310	G2"	
	10.5	152	7.53	266	7.74	273	55	75	85		1800	1200	1400	1310	G2"	
	13.0	189	7.40	261	6.30	222	55	75	85		1800	1200	1400	1310	G2"	
DA-75	7.5															

Technical parameters for EEI 2***

Model	Maximum Working Pressure		Capacity FAD*				Installed Motor Power		Cooling Method	Noise level** [dB(A)]	Dimensions(mm)			Weight kg	Air outlet pipe diameter
			50Hz		60Hz						L	W	H		
	bar(g)	psig	m³/min	cfm	m³/min	cfm	kW	hp							
DA-90(W)	7.5	109	16.62	587	17.01	601	90	120	Direct Driven Air Cooling W-water Cooling	72	2450	1800	1700	2450	DN80
	8.5	123	16.37	578	16.82	594	90	120		72	2450	1800	1700	2450	DN80
	10.5	152	14.21	502	14.87	525	90	120		72	2450	1800	1700	2450	DN80
	13.0	189	11.77	416	11.27	398	90	120		72	2450	1800	1700	2450	DN80
DA-110(W)	7.5	109	20.13	711	19.10	674	110	150		72	2450	1800	1700	2500	DN80
	8.5	123	20.05	708	19.06	673	110	150		72	2450	1800	1700	2500	DN80
	10.5	152	16.33	576	17.01	601	110	150		72	2450	1800	1700	2500	DN80
DA-132(W)	7.5	109	22.85	807	24.37	861	132	175		72	2450	1800	1700	2600	DN80
	8.5	123	22.73	802	24.23	856	132	175		72	2450	1800	1700	2600	DN80
	10.5	152	19.88	702	18.95	669	132	175		72	2450	1800	1700	2600	DN80
DA-160(W)	7.5	109	26.92	950	27.90	985	160	215		78	2650	1700	1850	3200	DN80
	8.5	123	26.86	949	27.76	980	160	215		78	2650	1700	1850	3200	DN80
	10.5	152	22.44	792	23.97	846	160	215		78	2650	1700	1850	3200	DN80
	13.0	189	19.63	693	18.82	664	160	215		78	2650	1700	1850	3200	DN80
DA-185(W)	7.5	109	28.89	1020	30.53	1078	185	250		78	2650	1700	1850	3300	DN80
	8.5	123	28.84	1018	30.44	1075	185	250		78	2650	1700	1850	3300	DN80
	10.5	152	25.11	886	27.46	970	185	250	78	2650	1700	1850	3300	DN80	
DA-200(W)	7.5	109	31.88	1126	30.53	1078	200	270	80	3000	1950	2030	4750	DN100	
	8.5	123	31.82	1124	30.44	1075	200	270	80	3000	1950	2030	4750	DN100	
	10.5	152	28.48	1006	30.22	1067	200	270	80	3000	1950	2030	4750	DN100	
	13.0	189	25.00	883	27.07	956	200	270	80	3000	1950	2030	4750	DN100	
DA-220(W)	7.5	109	36.20	1278	37.22	1314	220	300	80	3000	1950	2030	4800	DN100	
	8.5	123	36.15	1276	37.17	1312	220	300	80	3000	1950	2030	4800	DN100	
	10.5	152	31.71	1120	33.25	1174	220	300	80	3000	1950	2030	4800	DN100	
	13.0	189	28.48	1006	27.07	956	220	300	80	3000	1950	2030	4800	DN100	
DA-250(W)	7.5	109	43.31	1529	42.87	1514	250	350	80	3000	1950	2030	4850	DN100	
	8.5	123	43.24	1527	41.30	1458	250	350	80	3000	1950	2030	4850	DN100	
	10.5	152	36.03	1272	37.04	1308	250	350	80	3000	1950	2030	4850	DN100	
	13.0	189	31.55	1114	33.15	1170	250	350	80	3000	1950	2030	4850	DN100	
DA-280(W)	7.5	109	46.59	1645	47.16	1665	280	375	85	3700	2300	2450	5200	DN125	
	8.5	123	46.53	1643	45.64	1612	280	375	85	3700	2300	2450	5200	DN125	
	10.5	152	42.95	1516	42.56	1503	280	375	85	3700	2300	2450	5200	DN125	
	13.0	189	35.89	1267	36.95	1305	280	375	85	3700	2300	2450	5200	DN125	
DA-315(W)	7.5	109	53.16	1877	50.88	1797	315	425	85	3700	2300	2450	6000	DN125	
	8.5	123	52.63	1858	50.83	1795	315	425	85	3700	2300	2450	6000	DN125	
	10.5	152	43.05	1520	46.27	1634	315	425	85	3700	2300	2450	6000	DN125	
DA-355W	13.0	189	42.93	1516	40.32	1424	315	425	85	3700	2300	2450	6000	DN125	
	7.5	109	63.37	2238	58.12	2052	355	475	85	4500	2500	2450	7000	DN125	
	8.5	123	63.16	2230	56.54	1997	355	475	85	4500	2500	2450	7000	DN125	
DA-400W	10.5	152	52.63	1858	51.57	1821	355	475	85	4500	2500	2450	7000	DN125	
	13.0	189	43.79	1546	45.35	1601	355	475	85	4500	2500	2450	7000	DN125	
	7.5	109	70.99	2507	61.72	2179	400	550	85	4500	2500	2450	8000	DN125	
DA-400W	8.5	123	70.64	2494	59.72	2109	400	550	85	4500	2500	2450	8000	DN125	
	10.5	152	52.63	1858	56.52	1996	400	550	85	4500	2500	2450	8000	DN125	
	13.0	189	46.34	1636	51.35	1813	400	550	85	4500	2500	2450	8000	DN125	

*)FAD in accordance with ISO 1217:2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C
 **) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ±3 dB(A)
 ***) EEI 2 - Energy Efficiency Index 2, which refers to normal energy saving series
Specifications are subject to change without notice.

OIL-INJECTED ROTARY SCREW AIR COMPRESSOR(VSD)

Features and advantages



01

Variable Speed Drive

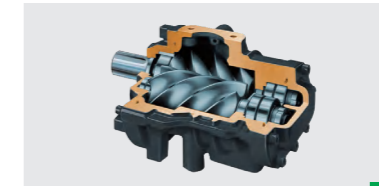
- Different variable speed drive brands available, such as INVT, ABB, Bosch etc.
 - VSD: variable volume, controlled costs: there is no unnecessary power generated, the DENAIR DVA models can reduce energy costs by 35% or more.
- Life cycle costs of the compressor can be reduced by an average of 22%.



04

Intelligent Control and Protection

- Schneider electrical elements with original package from Germany, safe and reliable.
- Reasonable, simple and clear wiring, easy for maintenance.
- Good protection function ensures the stable running of the compressor unit.



02

State-of-the-art Screw Element

- Original DENAIR air end.
- Advanced SAP profile design
- The material of the rotors is American specialty steel.
- Superior Sweden SKF element bearings.



05

Efficient Separation System

- Reduction of pressure drops and energy costs.
- Low oil consumption ensures minimal maintenance costs and long compressor lifetime.
- Quality air with low oil content:
 - three step air-oil separation(centrifuge, gravity, filter)
 - oil content: less than 3 ppm by weight
 - hinged cover for easy separator element change



03

Smart Controller

- Increased reliability: durable keyboard, user-friendly, multilingual user interface.
- Improved ease of use: intuitive navigation system with main operation conditions include warning indications, maintenance scheduling etc.



06

Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400 °C = 752 °F) and low temperature resistant (-270 °C = -518 °F), high pressure resistant.
- Ultra-long life(80 years), completely leak free and maintenance free.

Technical parameters

Model	Maximum Working Pressure		Capacity FAD*								Installed Motor Power		Driving Model & Cooling Method	Noise level**	Dimensions(mm)			Weight	Air outlet pipe diameter
			50Hz				60Hz												
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.									
bar(g)	psig	m ³ /min	cfm	m ³ /min	cfm	kW	hp	[dB(A)]	L	W	H	kg							
DVA-5	7.5	109	0.32	0.80	11	28	0.40	0.80	14	28	5.5	7.5	Belt Driven	75	900	600	860	315	G3/4"
	8.5	123	0.31	0.78	11	28	0.39	0.78	14	28	5.5	7.5		75	900	600	860	315	G3/4"
DVA-7	7.5	109	0.44	1.09	15	39	0.55	1.09	19	39	7.5	10		75	900	600	860	315	G3/4"
	8.5	123	0.43	1.07	15	38	0.54	1.07	19	38	7.5	10		75	900	600	860	315	G3/4"
	10.5	152	0.37	0.92	13	32	0.46	0.91	16	32	7.5	10		75	900	600	860	315	G3/4"
DVA-11	13.0	189	0.29	0.73	10	26	0.36	0.72	13	26	7.5	10		75	900	600	860	315	G3/4"
	7.5	109	0.67	1.66	23	59	0.83	1.66	29	59	11	15		75	1050	650	900	324	G3/4"
	8.5	123	0.66	1.64	23	58	0.82	1.64	29	58	11	15		75	1050	650	900	324	G3/4"
DVA-15	10.5	152	0.58	1.45	21	51	0.72	1.45	26	51	11	15		75	1050	650	900	324	G3/4"
	13.0	189	0.45	1.13	16	40	0.56	1.12	20	40	11	15		75	1050	650	900	324	G3/4"
	7.5	109	1.01	2.54	36	90	1.27	2.53	45	89	15	20		75	1100	650	920	453	G1-1/4"
DVA-18	8.5	123	1.00	2.51	35	88	1.25	2.50	44	88	15	20		75	1100	650	920	453	G1-1/4"
	10.5	152	0.79	1.97	28	70	0.93	1.86	33	66	15	20		75	1100	650	920	453	G1-1/4"
	13.0	189	0.76	1.91	27	67	0.91	1.83	32	65	15	20		75	1100	650	920	453	G1-1/4"
DVA-22	7.5	109	1.22	3.04	43	107	1.83	3.65	65	129	18.5	25		75	1300	800	1050	453	G1-1/4"
	8.5	123	1.21	3.03	43	107	1.82	3.63	64	128	18.5	25		75	1300	800	1050	453	G1-1/4"
	10.5	152	1.20	3.00	42	106	1.19	2.38	42	84	18.5	25		75	1300	800	1050	453	G1-1/4"
DVA-30	13.0	189	0.76	1.91	27	67	1.18	2.36	42	83	18.5	25		75	1100	650	920	453	G1-1/4"
	7.5	109	1.43	3.57	50	126	1.83	3.65	65	129	22	30		75	1300	800	1050	477	G1-1/4"
	8.5	123	1.42	3.55	50	125	1.82	3.63	64	128	22	30		75	1300	800	1050	477	G1-1/4"
DVA-37	10.5	152	1.20	3.00	42	106	1.19	3.38	42	84	22	30		75	1300	800	1050	477	G1-1/4"
	13.0	189	1.19	2.97	42	105	1.18	2.36	42	83	22	30		75	1300	800	1050	477	G1-1/4"
	7.5	109	2.11	5.28	75	187	2.25	4.49	79	159	30	40		85	1400	900	1200	682	G1-1/2"
DVA-45	8.5	123	2.11	5.26	74	186	2.24	4.48	79	158	30	40		85	1400	900	1200	682	G1-1/2"
	10.5	152	2.08	5.21	74	184	2.24	4.47	79	158	30	40		85	1400	900	1200	682	G1-1/2"
	13.0	189	1.38	3.45	49	122	1.79	3.58	63	126	30	40		85	1400	900	1200	682	G1-1/2"
DVA-55	7.5	109	2.61	6.54	92	231	3.17	6.33	112	224	37	50		85	1400	900	1200	728	G1-1/2"
	8.5	123	2.61	6.52	92	230	3.15	6.30	111	222	37	50		85	1400	900	1200	728	G1-1/2"
	10.5	152	2.08	5.21	74	184	2.24	4.47	79	158	37	50	85	1400	900	1200	728	G1-1/2"	
DVA-75	13.0	189	2.06	5.16	73	182	2.22	4.43	78	156	37	50	85	1400	900	1200	728	G1-1/2"	
	7.5	109	3.07	7.67	108	271	3.90	7.79	138	275	45	60	85	1500	960	1200	728	G1-1/2"	
	8.5	123	3.05	7.62	108	269	3.88	7.76	137	274	45	60	85	1500	960	1200	728	G1-1/2"	
DVA-90	10.5	152	2.59	6.46	91	228	3.12	6.24	110	220	45	60	85	1500	960	1200	728	G1-1/2"	
	13.0	189	2.56	6.41	91	226	2.22	4.44	78	157	45	60	85	1500	960	1200	728	G1-1/2"	
	7.5	109	3.90	9.76	138	345	4.57	9.14	161	323	55	75	85	1800	1200	1400	1310	G2"	
DVA-110	8.5	123	3.87	9.67	137	342	4.53	9.06	160	320	55	75	85	1800	1200	1400	1310	G2"	
	10.5	152	3.01	7.53	106	266	3.87	7.74	137	273	55	75	85	1800	1200	1400	1310	G2"	
	13.0	189	2.96	7.40	105	261	3.15	6.30	111	222	55	75	85	1800	1200	1400	1310	G2"	
DVA-132	7.5	109	5.68	14.21	201	502	5.86	11.72	207	414	75	100	85	1800	1200	1400	1325	G2"	
	8.5	123	5.02	12.55	177	443	5.82	11.63	205	411	75	100	85	1800	1200	1400	1325	G2"	
	10.5	152	3.80	9.51	134	336	5.72	11.43	202	404	75	100	85	1800	1200	1400	1325	G2"	
DVA-160	13.0	189	3.69	9.23	130	326	4.37	8.75	154	309	75	100	85	1800	1200	1400	1325	G2"	

*)FAD in accordance with ISO 1217:2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ±3 dB(A)

Specifications are subject to change without notice.

Technical parameters

Model	Maximum Working Pressure		Capacity FAD*								Installed Motor Power		Driving Model & Cooling Method	Noise level**	Dimensions(mm)			Weight	Air outlet pipe diameter
			50Hz				60Hz												
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.									
bar(g)	psig	m ³ /min	cfm	m ³ /min	cfm	kW	hp	[dB(A)]	L	W	H	kg							
DVA-90	7.5	109	6.65	16.62	235	587	8.51	17.01	300	601	90	120	Direct Driven Air Cooling W-Water Cooling	72	2450	1800	1700	2450	DN80
	8.5	123	6.55	16.37	231	578	8.41	16.82	297	594	90	120		72	2450	1800	1700	2450	DN80
DVA-110	10.5	152	5.68	14.21	201	502	7.43	14.87	262	525	90	120		72	2450	1800	1700	2450	DN80
	7.5	109	8.05	20.13	284	711	9.55	19.10	337	674	110	150		72	2450	1800	1700	2500	DN80
	8.5	123	8.02	20.05	283	708	9.53	19.06	336	673	110	150		72	2450	1800	1700	2500	DN80
DVA-132	10.5	152	6.53	16.33	231	576	8.51	17.01	300	601	110	150		72	2450	1800	1700	2500	DN80
	13.0	189	5.64	14.11	199	498	7.34	14.68	259	518	110	150		72	2450	1800	1700	2500	DN80
	7.5	109	9.14	22.85	323	807	12.19	24.37	430	861	132	175		72	2450	1800	1700	2600	DN80
DVA-160	8.5	123	9.09	22.73	321	802	12.12	24.23	428	856	132	175		72	2450	1800	1700	2600	DN80
	10.5	152	7.95	19.88	281	702	9.48	18.95	335	669	132	175		72	2450	1800	1700	2600	DN80
	13.0	189	6.60	16.51	233	583	8.41	16.82	297	594	132	175		72	2450	1800	1700	2600	DN80
DVA-185(W)	7.5	109	10.77	26.92	380	950	13.95	27.90	493	985	160	215		78	2650	1700	1850	3200	DN80
	8.5	123	10.75	26.86	379	949	13.88	27.76	490	980	160	215		78	2650	1700	1850	3200	DN80
	10.5	152	8.98	22.44	317	792	11.99	23.97	423	846	160	215		78	2650	1700	1850	3200	DN80
DVA-200(W)	13.0	189	7.85	19.63	277	693	9.41	18.82	332	664	160	215		78	2650	1700	1850	3200	DN80
	7.5	109	11.56	28.89	408	1020	15.27	30.53	539	1078	185	250		78	2650	1700	1850	3300	DN80
	8.5	123	11.54	28.84	407	1018	15.22	30.44	537	1075	185	250		78	2650	1700	1850	3300	DN80
DVA-220(W)	10.5	152	10.04	25.11	355	886	13.73	27.46	485	970	185	250		78	2650	1700	1850	3300	DN80
	13.0	189	8.83	22.08	312	780	11.84	23.69	418	836	185	250		78	2650	1700	1850	3300	DN80
	7.5	109	12.75	31.88	450	1126	15.27	30.53	539	1078	200	270		80	3000	1950	2030	4750	DN100
DVA-250(W)	8.5	123	12.73	31.82	449	1124	15.22	30.44	537	1075	200	270		80	3000	1950	2030	4750	DN100
	10.5	152	11.39	28.48	402	1006	15.11	30.22	534	1067	200	270		80	3000	1950	2030	4750	DN100
	13.0	189	10.00	25.00	353	883	13.53	27.07	478	956	200	270		80	3000	1950	2030	4750	DN100
DVA-280(W)	7.5	109	14.48	36.20	511	1278	18.61	37.22	657	1314	220	300		80	3000	1950	2030	4800	DN100
	8.5	123	14.46	36.15	511	1276	18.59	37.17	656	1312	220	300		80	3000	1950	2030	4800	DN100
	10.5	152	12.68	31.71	448	1120	16.63	33.25	587	1174	220	300		80	3000	1950	2030	4800	DN100
DVA-315(W)	13.0	189	11.39	28.48	402	1006	13.53	27.07	478	956									