



High Pressure Single Inlet Centrifugal Fans AAVP Series

- Fan made of Fe360 sheet. The fan paint finish is based on a Qualicoat polyester powder coating stoved at 200°C, with an average film thickness of 70 microns. Average heat resistance of coating is 180°C with peaks of 200°C.
- Fully welded housing.
- High efficiency simple inlet backward curved impeller made of Fe360 sheet statically and dynamically balanced. Impellers are painted with epoxy primer that resists temperatures up to 300°C.
- Standard asynchronous squirrel-cage motor with IP-55 protection and class F insulation.
- Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation LG270.

Under request:

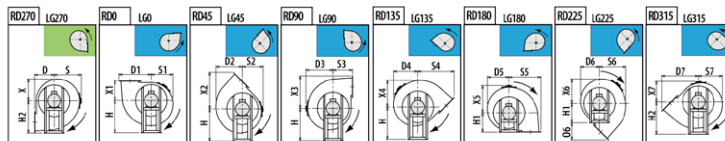
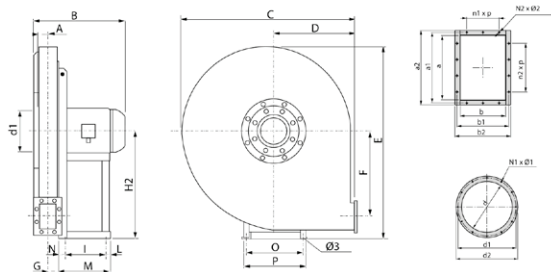
- 60Hz fans and special voltages.
- 2 speed motors.
- Spark-proof fans with ATEX certified motor.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Hot-dipped galvanised or stainless steel fans.

Designed for inline installation, they are suitable for Industrial applications, extraction or injection of air. Cooling of machines and parts.
Clean and slightly dusty air transport.
Exhaust after filters, separators and cyclones.
Pneumatic transport.
Maximum working temperature: carried air: 130°C, ambient 60°C.

Technical Characteristics AAVP Series

Type	Power (kW)	RPM	Air Flow (m³/h)	Sound db (A)	Weight (Kg)	Price
AAVP/N 400 T2 0,55kW	0,55	2.800	470	64	51,0	€ 2.228,00
AAVP/N 400 T2 0,75kW	0,75	2.800	650	64	55,0	€ 2.225,00
AAVP/N 451 T2 1,1kW	1,10	2.800	720	65	61,0	€ 2.456,00
AAVP/N 452 T2 1,5kW	1,50	2.865	870	66	67,0	€ 2.554,00
AAVP/N 502 T2 2,2kW	2,20	2.840	1.080	68	75,0	€ 3.266,00
AAVP/N 562 T2 3kW	3,00	2.880	1.230	71	99,0	€ 3.964,00
AAVP/N 563 T2 4kW	4,00	2.880	1.620	71	107,0	€ 4.075,00
AAVP/N 632 T2 5,5kW	5,50	2.910	1.620	74	145,0	€ 5.141,00
AAVP/N 633 T2 7,5kW	7,50	2.910	2.520	75	145,0	€ 5.304,00
AAVP/N 712 T2 11kW	11,00	2.940	2.520	77	222,0	€ 6.916,00
AAVP/N 713 T2 15kW	15,00	2.935	3.240	78	222,0	€ 7.152,00
AAVP/N 802 T2 18,5kW	18,50	2.940	3.600	80	280,0	€ 8.677,00
AAVP/N 803 T2 22kW	22,00	2.940	4.680	80	336,0	€ 9.388,00
AAVP/N 902 T2 30kW	30,00	2.955	3.960	84	508,0	€ 11.899,00
AAVP/N 903 T2 37kW	37,00	2.955	5.400	85	508,0	€ 12.378,00
AAVP/N 1002 T2 55kW	55,00	2.960	7.200	91	780,0	€ 18.228,00
AAVP/N 1003 T2 75kW	75,00	2.975	9.000	92	924,0	€ 20.722,00
AAVP/N 1122 T2 90kW	90,00	2.975	7.920	97	1090,0	€
AAVP/N 1123 T2 110kW	110,00	2.980	12.000	99	1270,0	€
AAVP/NR 501 T2 1,5kW	1,50	2.865	940	68	71,0	€ 3.203,00
AAVP/NR 562 T2 2,2kW	2,20	2.840	940	71	86,0	€ 3.781,00
AAVP/NR 563 T2 3kW	3,00	2.880	1.370	71	98,0	€ 3.964,00
AAVP/NR 632 T2 4kW	4,00	2.880	1.370	74	131,0	€ 4.836,00
AAVP/NR 633 T2 5,5kW	5,50	2.910	1.800	75	143,0	€ 5.141,00
AAVP/NR 711 T2 7,5kW	7,50	2.910	1.800	77	205,0	€ 5.950,00
AAVP/NR 713 T2 11kW	11,00	2.940	2.880	78	218,0	€ 6.916,00
AAVP/NR 802 T2 15kW	15,00	2.935	3.240	81	256,0	€ 8.324,00
AAVP/NR 803 T2 18,5kW	18,50	2.940	4.320	81	268,0	€ 8.677,00
AAVP/NR 902 T2 22kW	22,00	2.940	3.600	84	416,0	€ 10.905,00
AAVP/NR 903 T2 30kW	30,00	2.955	5.400	84	442,0	€ 11.899,00
AAVP/NR 1002 T2 45kW	45,00	2.960	6.120	89	680,0	€ 16.662,00
AAVP/NR 1003 T2 55kW	55,00	2.960	7.920	91	765,0	€ 18.228,00
AAVP/NR 1122 T2 75kW	75,00	2.975	7.920	96	1085,0	€
AAVP/NR 1123 T2 90kW	90,00	2.975	12.000	98	1050,0	€

Centrifugal High Pressure Direct Fans



Dimensions AAVP (mm)

Type	A	B	C	D	D1	D2	D3	D4	D5	D6	D7	E	F	G	H	H1
AAVP/N 400 T2 0,55kW	45	344	620	280	350	314	340	302	283	293	445	658	267	42	375	375
AAVP/N 400 T2 0,75kW	45	344	620	280	350	314	340	302	283	293	445	658	267	42	375	375
AAVP/N 451 T2 1,1kW	50	353	675	300	387	350	375	335	314	319	486	714	298	47	400	400
AAVP/N 452 T2 1,5kW	50	400	675	300	387	350	375	335	314	319	486	714	298	47	400	400
AAVP/N 502 T2 2,2kW	57	410	745	335	430	386	410	370	346	350	541	796	334	52	450	450
AAVP/N 562 T2 3kW	65	457	835	375	487	438	460	418	390	392	610	890	379	58	500	500
AAVP/N 563 T2 4kW	65	478	835	375	487	438	460	418	390	392	610	890	379	58	500	500
AAVP/N 632 T2 5,5kW	73	530	940	425	545	493	515	472	440	438	688	1000	427	64	560	560
AAVP/N 633 T2 7,5kW	73	530	940	425	545	493	515	472	440	438	688	1000	427	64	560	560
AAVP/N 712 T2 11kW	83	650	1045	475	606	547	570	522	493	489	764	1123	478	72	630	630
AAVP/N 713 T2 15kW	83	650	1045	475	606	547	570	522	493	489	764	1123	478	72	630	630
AAVP/N 802 T2 18,5kW	90	667	1170	530	678	622	640	592	555	545	854	1265	539	80	710	710
AAVP/N 803 T2 22kW	90	748	1170	530	678	622	640	592	555	545	854	1265	539	80	710	710
AAVP/N 902 T2 30kW	103	874	1315	600	759	696	715	668	628	617	961	1428	608	89	800	800
AAVP/N 903 T2 37kW	103	874	1315	600	759	696	715	668	628	617	961	1428	608	89	800	800
AAVP/N 1002 T2 55kW	110	1043	1460	670	845	775	790	735	690	670	1074	1590	681	99	900	900
AAVP/N 1003 T2 75kW	110	1046	1460	670	845	775	790	735	690	670	1074	1590	681	99	900	900
AAVP/N 1122 T2 90kW	115	1073	1630	750	950	898	880	857	770	713	1202	1770	766	111	1000	1000
AAVP/N 1123 T2 110kW	115	1285	1630	750	950	898	880	857	770	713	1202	1770	766	111	1000	1000
AAVP/NR 501 T2 1,5kW	57	410	745	335	430	386	410	370	346	350	541	796	334	52	450	450
AAVP/NR 562 T2 2,2kW	65	426	835	375	487	438	460	418	390	392	610	890	379	58	500	500
AAVP/NR 563 T2 3kW	65	457	835	375	487	438	460	418	390	392	610	890	379	58	500	500
AAVP/NR 632 T2 4kW	73	490	940	425	545	493	515	472	440	438	688	1000	427	64	560	560
AAVP/NR 633 T2 5,5kW	73	530	940	425	545	493	515	472	440	438	688	1000	427	64	560	560
AAVP/NR 711 T2 7,5kW	83	545	1045	475	606	547	570	522	493	489	764	1123	478	72	630	630
AAVP/NR 713 T2 11kW	83	650	1045	475	606	547	570	522	493	489	764	1123	478	72	630	630
AAVP/NR 802 T2 15kW	90	667	1170	530	678	622	640	592	555	545	854	1265	539	80	710	710
AAVP/NR 803 T2 18,5kW	90	667	1170	530	678	622	640	592	555	545	854	1265	539	80	710	710
AAVP/NR 902 T2 22kW	103	766	1315	600	759	696	715	668	628	617	961	1428	608	89	800	800
AAVP/NR 903 T2 30kW	103	874	1315	600	759	696	715	668	628	617	961	1428	608	89	800	800
AAVP/NR 1002 T2 45kW	110	935	1460	670	845	775	790	735	690	670	1074	1590	681	99	900	900
AAVP/NR 1003 T2 55kW	110	1043	1460	670	845	775	790	735	690	670	1074	1590	681	99	900	900
AAVP/NR 1122 T2 75kW	115	1073	1630	750	950	898	880	857	770	713	1202	1770	766	111	1000	1000
AAVP/NR 1123 T2 90kW	115	1073	1630	750	950	898	880	857	770	713	1202	1770	766	111	1000	1000

Dimensions AAVP (mm)

Type	H2	I	L	M	N	O	O6	P	S	S1	S2	S3	S4	S5	S6	S7	X	X1
AAVP/N 400 T2 0,55kW	375	121	26	196	49	203	165	225	340	283	293	280	445	350	314	302	283	280
AAVP/N 400 T2 0,75kW	375	121	45	211	45	203	165	225	340	283	293	280	445	350	314	302	283	280
AAVP/N 451 T2 1,1kW	400	121	45	211	45	203	186	225	375	314	319	300	486	387	350	335	314	300
AAVP/N 452 T2 1,5kW	400	133	58	246	55	234	186	260	375	314	319	300	486	387	350	335	314	300
AAVP/N 502 T2 2,2kW	450	133	58	246	55	234	206	260	410	346	350	335	541	430	386	370	346	335
AAVP/N 562 T2 3kW	500	197	49	276	30	289	235	324	460	390	392	375	610	487	438	418	390	375
AAVP/N 563 T2 4kW	500	197	49	276	30	289	235	324	460	390	392	375	610	487	438	418	390	375
AAVP/N 632 T2 5,5kW	560	237	59	336	40	337	263	372	515	440	438	425	688	545	493	472	440	425
AAVP/N 633 T2 7,5kW	560	237	59	336	40	337	263	372	515	440	438	425	688	545	493	472	440	425
AAVP/N 712 T2 11kW	630	337	49	436	50	395	289	440	570	493	489	475	764	606	547	522	493	475
AAVP/N 713 T2 15kW	630	337	49	436	50	395	289	440	570	493	489	475	764	606	547	522	493	475
AAVP/N 802 T2 18,5kW	710	337	49	436	50	395	324	440	640	555	545	530	854	678	622	592	555	530
AAVP/N 803 T2 22kW	710	357	33	460	70	434	324	488	640	555	545	530	854	678	622	592	555	530
AAVP/N 902 T2 30kW	800	381	39	500	80	506	361	568	715	628	617	600	961	759	696	668	628	600
AAVP/N 903 T2 37kW	800	381	39	500	80	506	361	568	715	628	617	600	961	759	696	668	628	600
AAVP/N 1002 T2 55kW	900	501	39	600	60	604	174	690	790	690	670	670	1074	845	775	735	690	670
AAVP/N 1003 T2 75kW	900	591	46	697	60	690	174	750	790	690	670	670	1074	845	775	735	690	670
AAVP/N 1122 T2 90kW	1000	591	46	697	60	690	452	750	880	770	713	750	1202	950	898	857	770	750
AAVP/N 1123 T2 110kW	1000	675	45	800	80	760	452	865	880	770	713	750	1202	950	898	857	770	750
AAVP/NR 501 T2 1,5kW	450	133	58	246	55	234	206	260	410	346	350	335	541	430	386	370	346	335
AAVP/NR 562 T2 2,2kW	500	133	58	246	55	234	235	260	460	390	392	375	610	487	438	418	390	375
AAVP/NR 563 T2 3kW	500	197	49	276	30	289	235	324	460	390	392	375	610	487	438	418	390	375
AAVP/NR 632 T2 4kW	560	197	49	276	30	289	263	324	515	440	438	425	688	545	493	472	440	425
AAVP/NR 633 T2 5,5kW	560	237	59	336	40	337	263	372	515	440	438	425	688	545	493	472	440	425
AAVP/NR 711 T2 7,5kW	630	237	59	336	40	337	289	372	570	493	489	475	764	606	547	522	493	475
AAVP/NR 713 T2 11kW	630	337	49	436	50	395	289	440	570	493	489	475	764	606	547	522	493	475
AAVP/NR 802 T2 15kW	710	337	49	436	50	395	324	440	640	555	545	530	854	678	622	592	555	530
AAVP/NR 803 T2 18,5kW	710	337	49	436	50	395	324	440	640	555	545	530	854	678	622	592	555	530
AAVP/NR 902 T2 22kW	800	357	33	460	70	434	361	488	715	628	617	600	961	759	696	668	628	600
AAVP/NR 903 T2 30kW	800	381	39	500	80	506	361	568	715	628	617	600	961	759	696	668	628	600
AAVP/NR 1002 T2 45kW	900	421	39	540	80	556	174	616	790	690	670	670	1074	845	775	735	690	670
AAVP/NR 1003 T2 55kW	900	501	39	600	60	604	174	690	790	690	670	670	1074	845	775	735	690	670
AAVP/NR 1122 T2 75kW	1000	591	46	697	60	690	452	750	880	770	713	750	1202	950	898	857	770	750
AAVP/NR 1123 T2 90kW	1000	591	46	697	60	690	452	750	880	770	713	750	1202	950	898	857	770	750

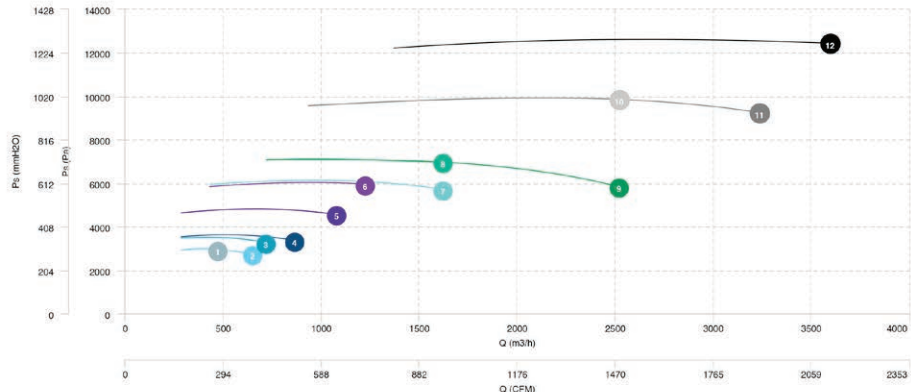
Centrifugal High Pressure Direct Fans



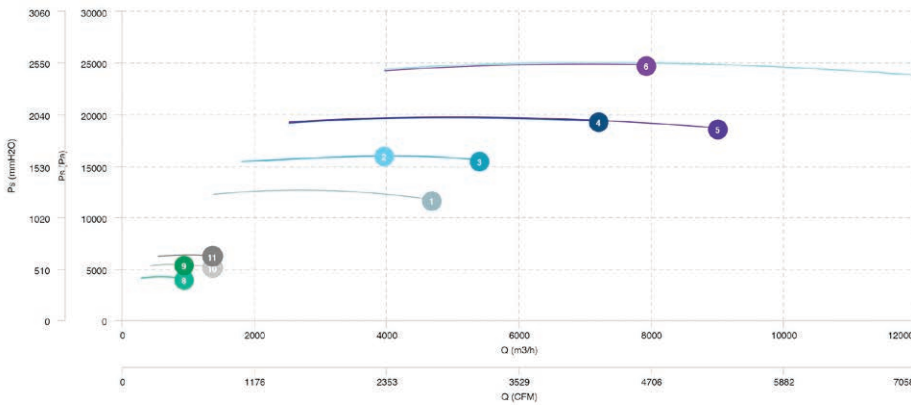
Dimensions AAVP (mm)

Type	X2	X3	X4	X5	X6	X7	a	a1	a2	b	b1	b2	d	d1	d2	n1 x p	n2 x p	Ø3
AAVP/N 400 T2 0,55kW	445	350	314	340	302	293	105	139	165	76	110	136	145	182	215	-	-	10
AAVP/N 400 T2 0,75kW	445	350	314	340	302	293	105	139	165	76	110	136	145	182	215	-	-	10
AAVP/N 451 T2 1,1kW	486	387	350	375	335	319	117	151	177	85	119	145	165	200	235	-	-	10
AAVP/N 452 T2 1,5kW	486	387	350	375	335	319	117	151	177	85	119	145	165	200	235	-	-	10
AAVP/N 502 T2 2,2kW	541	430	386	410	370	350	131	165	191	95	129	155	185	219	250	-	1x100	10
AAVP/N 562 T2 3kW	610	487	438	460	418	392	146	182	216	105	139	175	205	241	275	-	1x112	12
AAVP/N 563 T2 4kW	610	487	438	460	418	392	146	182	216	105	139	175	205	241	275	-	1x112	12
AAVP/N 632 T2 5,5kW	688	545	493	515	472	438	166	200	236	117	151	187	228	265	298	-	1x112	12
AAVP/N 633 T2 7,5kW	688	545	493	515	472	438	166	200	236	117	151	187	228	265	298	-	1x112	12
AAVP/N 712 T2 11kW	764	606	547	570	522	489	185	219	255	131	165	201	255	292	325	-	1x112	14
AAVP/N 713 T2 15kW	764	606	547	570	522	489	185	219	255	131	165	201	255	292	325	-	1x112	14
AAVP/N 802 T2 18,5kW	854	678	622	640	592	545	207	241	277	148	182	218	285	332	365	1x112	1x112	14
AAVP/N 803 T2 22kW	854	678	622	640	592	545	207	241	277	148	182	218	285	332	365	1x112	1x112	17
AAVP/N 902 T2 30kW	961	759	696	715	668	617	231	265	301	166	200	236	320	366	400	1x112	1x112	19
AAVP/N 903 T2 37kW	961	759	696	715	668	617	231	265	301	166	200	236	320	366	400	1x112	1x112	19
AAVP/N 1002 T2 55kW	1074	845	775	790	735	670	258	292	328	185	219	255	360	405	440	1x112	2x112	19
AAVP/N 1003 T2 75kW	1074	845	775	790	735	670	258	292	328	185	219	255	360	405	440	1x112	2x112	21
AAVP/N 1122 T2 90kW	1202	950	898	880	857	713	288	332	368	205	249	285	405	448	485	1x125	2x125	21
AAVP/N 1123 T2 110kW	1202	950	898	880	857	713	288	332	368	205	249	285	405	448	485	1x125	2x125	24
AAVP/NR 501 T2 1,5kW	541	430	386	410	370	350	131	165	191	95	129	155	185	219	250	-	1x100	10
AAVP/NR 562 T2 2,2kW	610	487	438	460	418	392	146	182	216	105	139	175	205	241	275	-	1x112	10
AAVP/NR 563 T2 3kW	610	487	438	460	418	392	146	182	216	105	139	175	205	241	275	-	1x112	12
AAVP/NR 632 T2 4kW	688	545	493	515	472	438	166	200	236	117	151	187	228	265	298	-	1x112	12
AAVP/NR 633 T2 5,5kW	688	545	493	515	472	438	166	200	236	117	151	187	228	265	298	-	1x112	12
AAVP/NR 711 T2 7,5kW	764	606	547	570	522	489	185	219	255	131	165	201	255	292	325	-	1x112	12
AAVP/NR 713 T2 11kW	764	606	547	570	522	489	185	219	255	131	165	201	255	292	325	-	1x112	14
AAVP/NR 802 T2 15kW	854	678	622	640	592	545	207	241	277	148	182	218	285	332	365	1x112	1x112	14
AAVP/NR 803 T2 18,5kW	854	678	622	640	592	545	207	241	277	148	182	218	285	332	365	1x112	1x112	14
AAVP/NR 902 T2 22kW	961	759	696	715	668	617	231	265	301	166	200	236	320	366	400	1x112	1x112	17
AAVP/NR 903 T2 30kW	961	759	696	715	668	617	231	265	301	166	200	236	320	366	400	1x112	1x112	19
AAVP/NR 1002 T2 45kW	1074	845	775	790	735	670	258	292	328	185	219	255	360	405	440	1x112	2x112	19
AAVP/NR 1003 T2 55kW	1074	845	775	790	735	670	258	292	328	185	219	255	360	405	440	1x112	2x112	19
AAVP/NR 1122 T2 75kW	1202	950	898	880	857	713	288	332	368	205	249	285	405	448	485	1x125	2x125	21
AAVP/NR 1123 T2 90kW	1202	950	898	880	857	713	288	332	368	205	249	285	405	448	485	1x125	2x125	21

1 AAVP/N 400 T2 0,55kW	2 AAVP/N 400 T2 0,75kW	3 AAVP/N 451 T2 1,1kW	4 AAVP/N 452 T2 1,5kW
5 AAVP/N 502 T2 2,2kW	6 AAVP/N 562 T2 3kW	7 AAVP/N 563 T2 4kW	8 AAVP/N 632 T2 5,5kW
9 AAVP/N 633 T2 7,5kW	10 AAVP/N 712 T2 11kW	11 AAVP/N 713 T2 15kW	12 AAVP/N 802 T2 18,5kW



1 AAVP/N 803 T2 22kW	2 AAVP/N 902 T2 30kW	3 AAVP/N 903 T2 37kW	4 AAVP/N 1002 T2 55kW
5 AAVP/N 1003 T2 75kW	6 AAVP/N 1122 T2 90kW	7 AAVP/N 1123 T2 110kW	8 AAVP/NR 501 T2 1,5kW
9 AAVP/NR 562 T2 2,2kW	10 AAVP/NR 563 T2 3kW	11 AAVP/NR 632 T2 4kW	



1 AAVP/NR 633 T2 5,5kW	2 AAVP/NR 711 T2 7,5kW	3 AAVP/NR 713 T2 11kW	4 AAVP/NR 802 T2 15kW
5 AAVP/NR 803 T2 18,5kW	6 AAVP/NR 902 T2 22kW	7 AAVP/NR 903 T2 30kW	8 AAVP/NR 1002 T2 45kW
9 AAVP/NR 1003 T2 55kW	10 AAVP/NR 1122 T2 75kW	11 AAVP/NR 1123 T2 90kW	

