INDUSTRIAL VENTILATION CATALOG · 2026

GORNOVENT
INDUSTRIAL EQUIPMENT CO., LTD.

GORNOVENT T35-11 / VO 06-300

Industrial Low-Pressure Axial Flow Fans

Direct Interchangeable Equivalent to Series T35-11 / VO 06-300 (No. 2.8 - 11.2)



Total Efficiency	Noise Reduction	Interchangeability	Power Supply
up to 89.5 %	- 3.6 dB(A)	100% T35-11	380V/3Ph (220V)

Industrial Axial Flow Fans T35-11 (VO 06-300) No. 2.8, 3.15, 3.55, 4, 4.5, 5, 5.6, 6.3, 7.1, 8, 9, 10, 11.2 | Gornovent

The **T35-11 (VO 06-300)** industrial low-pressure axial flow fan is a direct, fully interchangeable equivalent to the standard T35-11 and VO 06-300 series. As a complete technical match, it allows seamless drop-in replacement without modifying existing ventilation system designs. Engineered for efficient air exchange in manufacturing workshops, warehouse complexes, commercial facilities, and residential buildings.

Gornovent delivers superior build quality at an optimal and competitive price point. Featuring an upgraded cylindrical impeller hub design, the fan minimizes internal airflow losses, enabling **total efficiency up to 89.5%** and **noise reduction by 3.6 dB(A)**.

100% Interchangeability

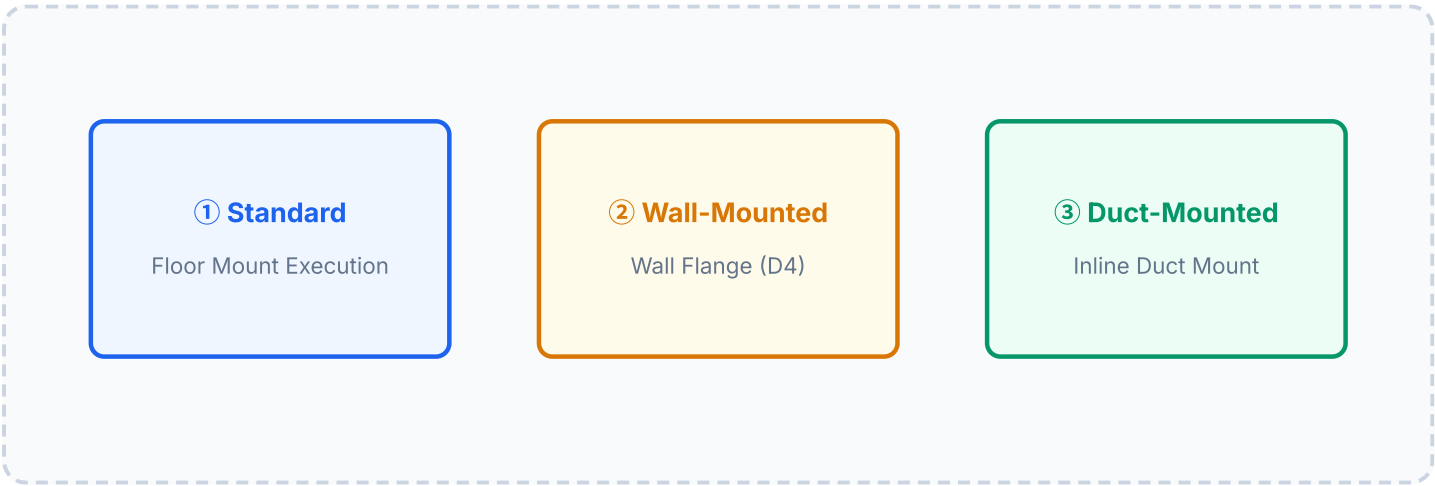
Mounting dimensions and aerodynamic specs are identical to standard T35-11 / VO 06-300 units.

High Energy Efficiency

Aerodynamically optimized impeller geometry significantly reduces power consumption.

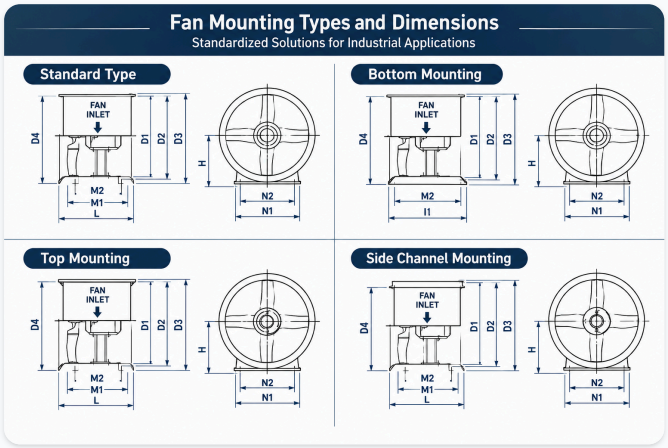
Low Noise Operation

Refined blade profile and hub contour reduce acoustic output by 3.6 dB(A).



2. Overall & Mounting Dimensions (mm)

Units: mm



Model (No.)	D1	D2	D3	D4	L	Standard (M1/M2)		Duct Type (M1/M2)		N1	N2	n-Φa	4-Φb	H
2.8	Φ290	Φ322	Φ350	Φ360	280	236	200	211	175	200	150	8-Φ8.5	Φ8.5	205
2.8 (Ex-proof)	Φ290	Φ322	Φ350	Φ360	350	286	250	261	225	200	150	8-Φ8.5	Φ8.5	205
3.15	Φ325	Φ358	Φ385	Φ395	280	236	200	211	175	220	170	8-Φ8.5	Φ8.5	230
3.15 (Ex-proof)	Φ325	Φ358	Φ385	Φ395	350	286	250	261	225	220	170	8-Φ8.5	Φ8.5	230
3.55	Φ365	Φ398	Φ425	Φ435	300	261	225	236	200	220	170	8-Φ11	Φ8.5	250
3.55 (Ex-proof)	Φ365	Φ398	Φ425	Φ435	390	311	275	286	250	220	170	8-Φ11	Φ8.5	250
4	Φ410	Φ448	Φ480	Φ490	320	269	225	244	200	300	240	8-Φ11	Φ11	265
4 (Ex-proof)	Φ410	Φ448	Φ480	Φ490	420	344	300	319	275	300	240	8-Φ11	Φ11	265
4.5	Φ460	Φ498	Φ530	Φ540	360	304	260	254	210	300	240	12-Φ11	Φ11	295
4.5 (Ex-proof)	Φ460	Φ498	Φ530	Φ540	420	344	300	319	275	300	240	12-Φ11	Φ11	295
5	Φ510	Φ553	Φ590	Φ600	360	304	260	254	210	400	320	12-Φ11	Φ13	315
5 (Ex-proof)	Φ510	Φ553	Φ590	Φ600	420	339	295	289	245	400	320	12-Φ11	Φ13	315
5.6	Φ570	Φ613	Φ650	Φ660	450	369	325	319	275	400	320	12-Φ11	Φ13	365
6.3	Φ640	Φ683	Φ720	Φ730	450	377	325	327	275	500	400	16-Φ11	Φ16	395
7.1	Φ720	Φ764	Φ800	Φ820	500	437	375	387	325	600	480	16-Φ11	Φ16	435
8	Φ810	Φ858	Φ900	Φ920	500	437	375	387	325	600	480	16-Φ13	Φ16	490
9	Φ910	Φ964	Φ1000	Φ1030	550	470	400	420	350	700	580	16-Φ13	Φ16	550
10	Φ1010	Φ1064	Φ1110	Φ1130	550	470	400	420	350	700	580	20-Φ13	Φ16	615
11.2	Φ1130	Φ1184	Φ1230	Φ1250	600	495	425	445	375	800	650	20-Φ13	Φ16	660

NOTES: All dimensions are in millimeters (mm). Dimensional tolerance: ±2 mm.

3. Technical Specifications of Axial Fans T35-11 / VO 06-300 (Part 1)

Fan Model (No.)	Speed (RPM)	Blade Angle	Airflow (m^3/h)	Total Pressure (Pa)	Eff.	Absorbed Power (kW)	Installed Power (kW)	Motor Model	Motor Power (kW)	Noise Level dB(A)	Weight (kg)
2.8	2900	15°	1649	152	0.87	0.080	0.092	YSF562-2	0.12	70	15
		20°	2167	169	0.88	0.115	0.133	YSF563-2	0.18	72	15
		25°	2685	174	0.895	0.145	0.166	YSF563-2	0.18	73	15
		30°	2921	186	0.88	0.171	0.179	YSF563-2	0.18	74	15
		35°	3202	232	0.86	0.240	0.276	YSF632-2	0.25	75	17
	1450	15°	826	38	0.87	0.010	0.012	YSF501-4	0.025	55	14
		20°	1086	43	0.88	0.015	0.017	YSF501-4	0.025	57	14
		25°	1346	44	0.895	0.018	0.021	YSF501-4	0.025	59	14
		30°	1464	48	0.88	0.022	0.026	YSF502-4	0.04	60	14
		35°	1605	60	0.86	0.031	0.036	YSF502-4	0.04	62	14
3.15	2900	15°	2339	192	0.87	0.144	0.166	YSF563-2	0.18	74	17
		20°	3070	214	0.88	0.207	0.238	YSF632-2	0.25	76	19
		25°	3810	220	0.895	0.259	0.298	YSF711-2	0.37	77	20
		30°	4141	237	0.88	0.309	0.355	YSF711-2	0.37	78	20
		35°	4545	294	0.86	0.430	0.495	YSF712-2	0.55	79	22
	1450	15°	1169	48	0.87	0.018	0.020	YSF501-4	0.025	59	16
		20°	1537	53	0.88	0.026	0.030	YSF502-4	0.04	61	16
		25°	1905	55	0.895	0.032	0.037	YSF502-4	0.04	62	16
		30°	2072	59	0.88	0.039	0.045	YSF561-4	0.06	63	17
		35°	2273	74	0.86	0.053	0.060	YSF562-4	0.09	65	17
3.55	2900	15°	3367	241	0.87	0.261	0.300	YSF711-2	0.37	76	23
		20°	4426	272	0.88	0.379	0.463	YSF712-2	0.55	79	26
		25°	5484	279	0.895	0.473	0.544	YSF712-2	0.55	80	26
		30°	5965	300	0.88	0.564	0.640	YSF801-2	0.75	81	26
		35°	6542	373	0.86	0.787	0.905	YSF802-2	1.1	82	29
	1450	15°	1680	61	0.87	0.033	0.038	YSF502-4	0.04	61	20
		20°	2208	68	0.88	0.047	0.054	YSF561-4	0.06	63	21
		25°	2737	70	0.895	0.059	0.068	YSF562-4	0.09	65	21
		30°	2977	75	0.88	0.070	0.081	YSF562-4	0.09	66	21
		35°	3265	93	0.86	0.098	0.113	YSF631-4	0.12	68	22
4	2900	15°	4806	310	0.87	0.475	0.564	YSF712-2	0.55	79	30
		20°	6316	345	0.88	0.688	0.791	YSF802-2	1.1	80	33
		25°	7826	354	0.895	0.859	0.988	YSF802-2	1.1	83	33
		30°	8513	380	0.88	1.021	1.175	YSF802-2	1.1	84	33
		35°	9336	474	0.86	1.427	1.641	YSF90S-2	1.5	85	38
	1450	15°	2406	77	0.87	0.059	0.066	YSF562-4	0.09	85	25
		20°	3163	86	0.88	0.086	0.099	YSF631-4	0.12	67	26
		25°	3920	88	0.895	0.107	0.123	YSF631-4	0.12	68	26
		30°	4263	95	0.88	0.128	0.147	YSF632-4	0.18	69	27
		35°	4678	119	0.86	0.179	0.206	YSF711-4	0.25	70	28

Note: Standard power supply is 380V / 3-Phase / 50Hz. Single-phase 220V motors are available upon request.

3. Technical Specifications of Axial Fans T35-11 / VO 06-300 (Part 2)

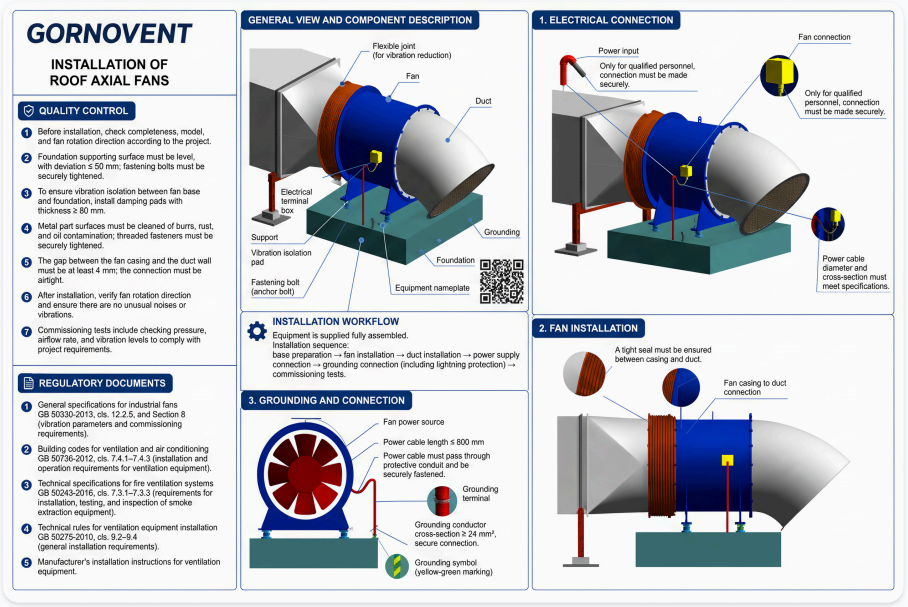
Fan Model (No.)	Speed (RPM)	Blade Angle	Airflow (m^3/h)	Total Pressure (Pa)	Eff.	Absorbed Power (kW)	Installed Power (kW)	Motor Model	Motor Power (kW)	Noise Level dB(A)	Weight (kg)
4.5	1450	15°	3427	98	0.87	0.107	0.123	YSF631-4	0.12	68	28
		20°	4504	110	0.88	0.156	0.179	YSF632-4	0.18	70	29
		25°	5881	113	0.895	0.159	0.224	YSF711-4	0.25	71	30
		30°	6070	121	0.88	0.231	0.266	YSF712-4	0.37	72	31
		35°	6658	150	0.86	0.322	0.370	YSF712-4	0.37	73	31
5	1450	15°	4700	122	0.87	0.182	0.210	YSF711-4	0.25	71	38
		20°	6178	135	0.88	0.264	0.308	YSF712-4	0.37	73	39
		25°	7655	138	0.895	0.328	0.370	YSF712-4	0.37	74	39
		30°	8327	149	0.88	0.392	0.450	YSF801-4	0.55	75	41
		35°	9133	185	0.86	0.546	0.628	YSF802-4	0.75	76	44
	960	15°	3142	53	0.87	0.053	0.061	YSF801-6	0.37	62	42
		20°	4129	59	0.88	0.079	0.088	YSF801-6	0.37	64	42
		25°	5117	61	0.895	0.096	0.111	YSF801-6	0.37	65	42
		30°	5566	65	0.88	0.114	0.131	YSF801-6	0.37	66	42
		35°	6104	81	0.86	0.160	0.184	YSF801-6	0.37	68	42
5.6	1450	15°	6595	151	0.87	0.318	0.365	YSF712-4	0.37	73	50
		20°	8667	169	0.88	0.461	0.530	YSF801-4	0.55	75	52
		25°	10379	174	0.895	0.578	0.665	YSF802-4	0.75	77	55
		30°	11682	186	0.88	0.687	0.710	YSF90S-4	1.1	77	59
		35°	12812	232	0.86	0.961	1.1	YSF90S-4	1.1	79	59
	960	15°	4362	67	0.87	0.093	0.106	YSF801-6	0.37	64	53
		20°	5370	74	0.88	0.133	0.153	YSF801-6	0.37	66	53
		25°	7101	76	0.895	0.166	0.191	YSF801-6	0.37	67	53
		30°	7724	81	0.88	0.198	0.228	YSF801-6	0.37	69	53
		35°	8471	101	0.86	0.276	0.318	YSF801-6	0.37	71	53
6.3	1450	15°	9393	192	0.87	0.576	0.662	YSF802-4	0.75	77	71
		20°	12345	214	0.88	0.833	0.958	YSF90S-4	1.1	79	75
		25°	15297	220	0.895	1.043	1.199	YSF90L-4	1.5	80	78
		30°	16639	236	0.88	1.241	1.428	YSF90L-4	1.5	81	78
		35°	18250	294	0.86	1.734	1.994	YSF100L1-4	2.2	82	92
	960	15°	6219	84	0.87	0.167	0.192	YSF801-6	0.37	68	69
		20°	8173	94	0.88	0.243	0.249	YSF801-6	0.37	70	69
		25°	10128	96	0.895	0.361	0.347	YSF801-6	0.37	71	69
		30°	11016	104	0.88	0.365	0.415	YSF802-6	0.55	72	75
		35°	12082	128	0.86	0.501	0.576	YSF90S-6	0.75	74	75

Note: Standard power supply is 380V / 3-Phase / 50Hz. Single-phase 220V motors are available upon request.

3. Technical Specifications of Axial Fans T35-11 / VO 06-300 (Part 3)

Fan Model (No.)	Speed (RPM)	Blade Angle	Airflow (m^3/h)	Total Pressure (Pa)	Eff.	Absorbed Power (kW)	Installed Power (kW)	Motor Model	Motor Power (kW)	Noise Level dB(A)	Weight (kg)
7.1	1450	15°	13444	244	0.87	1.048	1.205	YSF90L-4	1.5	80	88
		20°	17670	272	0.88	1.515	1.742	YSF100L1-4	2.2	81	102
		25°	21895	279	0.895	1.892	2.176	YSF100L1-4	2.2	82	102
		30°	23815	300	0.88	2.255	2.593	YSF100L2-4	3	83	106
		35°	26120	373	0.86	3.143	3.614	YSF112M-4	4	84	111
	960	15°	8902	108	0.87	0.307	0.353	YSF90S-6	0.75	72	85
		20°	11700	120	0.88	0.422	0.508	YSF90S-6	0.75	74	85
		25°	14498	123	0.895	0.551	0.633	YSF90S-6	0.75	75	85
		30°	15766	131	0.88	0.654	0.752	YSF90S-6	0.75	76	85
		35°	17296	164	0.86	0.915	1.052	YSF90L-6	1.1	78	88
8	1450	15°	19235	310	0.87	1.903	2.188	YSF100L1-4	2.2	82	125
		20°	25280	345	0.88	2.754	3.167	YSF112M-4	4	83	134
		25°	31325	354	0.895	3.441	3.957	YSF112M-4	4	84	134
		30°	34073	380	0.88	4.091	4.705	YSF132S-4	5.5	85	159
		35°	37070	474	0.86	5.716	6.753	YSF132M-4	7.5	86	172
	960	15°	12733	136	0.87	0.554	0.637	YSF90S-6	0.75	74	108
		20°	16733	151	0.88	0.798	0.918	YSF90L-4	1.1	76	111
		25°	20735	155	0.895	0.999	1.149	YSF100L-6	1.5	77	124
		30°	22556	167	0.88	1.187	1.365	YSF100L-6	1.5	78	124
		35°	24739	208	0.86	1.661	1.910	YSF112M-6	2.2	79	125
9	960	15°	18132	172	0.87	0.99	1.139	YSF100L-6	1.5	78	155
		20°	23830	191	0.88	1.428	1.654	YSF112M-6	2.2	79	167
		25°	29529	196	0.895	1.797	2.067	YSF132S-6	3	80	185
		30°	32119	211	0.88	2.137	3.548	YSF132S-6	3	81	185
		35°	35227	263	0.86	2.990	3.439	YSF132M1-6	4	82	195
10	960	15°	24874	213	0.87	1.609	1.944	YSF112M-6	2.2	79	197
		20°	32691	236	0.88	2.438	2.804	YSF132S-6	3	80	215
		25°	40508	242	0.895	3.044	3.501	YSF132M1-6	4	81	225
		30°	44062	261	0.88	3.627	4.171	YSF132M1-6	4	82	225
		35°	48326	324	0.86	5.065	5.825	YSF160M-6	7.5	83	273
11.2	960	15°	34944	267	0.87	2.975	3.421	YSF132M1-6	4	83	265
		20°	35927	297	0.88	4.307	4.953	YSF132M2-6	5.5	84	276
		25°	56909	304	0.895	5.368	6.173	YSF160M-6	7.5	83	313
		30°	61091	337	0.88	6.571	7.557	YSF160M-6	7.5	86	313
		35°	67892	407	0.86	8.922	10.260	YSF160L-6	11	88	338

Note: Standard power supply is 380V / 3-Phase / 50Hz. Single-phase 220V motors are available upon request.



Mechanical Installation Requirements

1. Mounting Surface: The foundation base must be level with a flatness deviation not exceeding 50 mm.

2. Vibration Isolation: Install vibration-damping rubber pads with a thickness of **≥ 80 mm** between the fan frame and foundation.

3. Clearances & Flexible Connectors: Maintain a clearance of **≥ 4 mm** between the casing and ductwork; flexible connectors are mandatory.

Electrical Wiring & Grounding Standards

1. Cable Protection: Route the power supply cable to the terminal box inside a protective conduit of length **≤ 800 mm**.

2. Grounding Conductor: Both the fan casing and motor must be independently grounded with a conductor cross-section of **≥ 24 mm²**.

3. Qualified Personnel: Installation and wiring must be performed by certified electricians in strict accordance with wiring diagrams.



Pre-Start Quality Inspection (7-Point QC Checklist)

No.	Inspection Item	Quality Standard (Acceptance Criteria)	Status
1	Appearance & Rotation	Completeness, model number, and impeller rotation direction match project specs.	☑
2	Foundation & Fasteners	Base surface is level (deviation ≤ 50 mm); all anchor bolts are securely tightened.	☑
3	Vibration Isolation	Anti-vibration damping pads (thickness ≥ 80 mm) are properly positioned and seated.	☑
4	Cleanliness & Grounding	Surfaces are clean and rust-free; protective grounding is reliably connected.	☑
5	Ductwork Sealing	Clearance between fan casing and duct wall is ≥ 4 mm; joint is airtight.	☑
6	Noise & Clearance Check	No abnormal friction, scraping, or foreign noise during manual impeller rotation test.	☑
7	Test Run & Readings	Measured pressure, airflow rate, and motor current comply with datasheet ratings.	☑

CONTACT & COMMERCIAL SUPPORT

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