

Panasonic

Air Moving Equipment

- Compact axial flow fans
- Low-noise-type compact axial flow fans
- Low-noise-type cabinet fans
- Silencer-type cabinet fans



Compact axial flow fans



Low-noise-type
compact axial flow fans

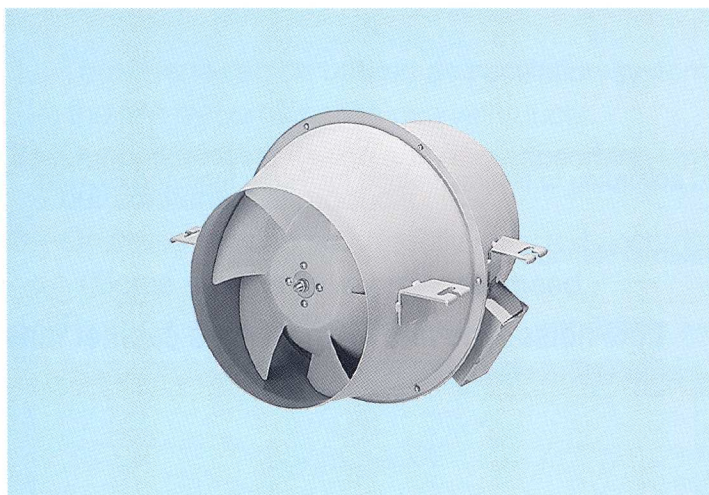


Low-noise-type
cabinet fans



Silencer-type
cabinet fans

Compact axial flow fans



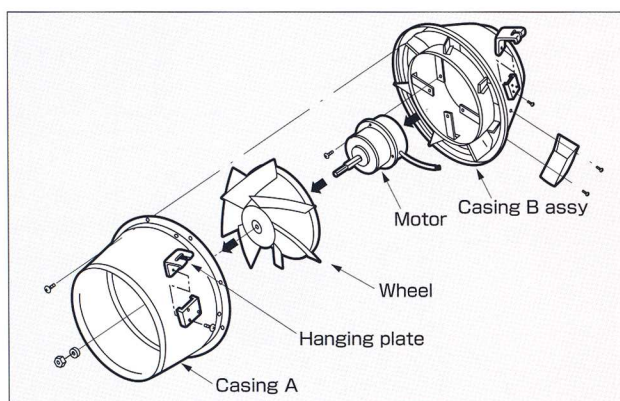
Single Phase

FY-25DSF1
FY-28DSR
FY-28DSM
FY-35DSM
FY-40DSL
FY-40DSH
FY-45DST
FY-45DSL

Three Phase

FY-40DTL
FY-40DTH
FY-45DTT
FY-45DTL
FY-45DTH
FY-55DTL
FY-55DTH

Construction



Main components and materials

Components name	Material	Standard
Casing A	SPCC,SPHC	JIS G 3141
Wheel	A5052 PP SPHC	JIS H 4000 JIS K 6747 JIS G 3141
Motor		
Casing B Assy.	SPCC,SPHC	JIS G 3141
Hanging plate	SPHC	JIS G 3141

Specifications

			INPUT (W)			FAN SPEED (min ⁻¹)		AIR VOLUME (m³/h)		NOISE(dB)						WHEEL DIAMETER (cm)	WEIGHT (kg)	DUCT SIZE
										Casing side		Suction side		Discharge side				
	No.	MODEL No.	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz				
SINGLE PHASE	2	FY-25DSF1	Hi	34	40	1451	1708	600	720	41	42	48	49	48	49	25	5	φ200
			Lo	25	32	1423	1662	550	650	39.5	41.5	46	48	46	48			
	2½	FY-28DSR	Hi	21	24	852	946	774	804	39	39.5	48.5	49	48	48.5	28	8	φ250
			Lo	21	24	811	840	642	702	36.5	37.5	46	46.5	45.5	46			
	2½	FY-28DSM	Hi	48	59	1272	1367	1194	1224	44.5	45.5	54.5	55.5	54	55	28	8	φ250
			Lo	48	55	1195	1235	1050	1062	42	43	52	53	51.5	52.5			
	3	FY-35DSM	Hi	103	144	1280	1392	2016	2154	45.5	46.5	56.5	57.5	56	57	35	13	φ300
			Lo	86	112	1209	1263	1782	1830	43	44	54	55	53.5	54.5			
	3½	FY-40DSL	Hi	226	340	1310	1421	2894	3552	54	55	66	67	65.5	66.5	40	23	φ350
			Lo	217	328	1286	1363	2765	3390	52	53	64	65	63.5	64.5			
	3½	FY-40DSH	Hi	242	375	1425	1638	3378	3960	55	56	67	68	66.5	67.5	40	23	φ350
			Lo	217	328	1396	1510	3146	3774	53	54	65	66	64.5	65.5			
THREE PHASE	4	FY-45DST	Hi	418	570	1460	1720	4224	5613	58	60	68	70	68	70	45	37	φ400
			Lo	330	512	1430	1660	4111	5131	57.5	59.5	67.5	69.5	67.5	69.5			
	4	FY-45DSL	Hi	464	631	1445	1690	4898	6342	58.5	61	68	70.5	68	70.5	45	37	φ400
			Lo	367	569	1415	1630	4768	5797	58	60.5	67.5	70	67.5	70			
	3½	FY-40DTL	Hi	206	301	1358	1492	2943	3600	54	55	66	67	65.5	66.5	40	20	φ350
			Lo	196	288	1334	1463	2894	3329	52	53	64	65	63.5	64.5			
	3½	FY-40DTH	Hi	249	351	1405	1610	3210	3702	55	56	67	68	66.5	67.5	40	20	φ350
			Lo	225	320	1376	1552	2873	3235	53	54	65	66	64.5	65.5			
	4	FY-45DTT	Hi	424	619	1435	1675	4154	5491	58	60	68	70	68	70	45	37	φ400
			Lo	366	553	1410	1635	4088	4794	57.5	59.5	67.5	69.5	67.5	69.5			
	4	FY-45DTL	Hi	479	706	1425	1650	4817	6204	58.5	61	68	70.5	68	70.5	45	37	φ400
			Lo	415	643	1400	1610	4741	5416	58	60.5	67.5	70	67.5	70			
4	FY-45DTH	Hi	464	695	1475	1750	5454	6522	59	65	68.5	72.5	68.5	72.5	45	37	φ400	
		Lo	423	652	1450	1720	5250	5789	58.5	64.5	68	72	68	72				
4½	FY-55DTL	—	820	1290	1390	1580	7414	8988	63	68	75	81	75	81	55	49.5	φ450	
4½	FY-55DTH	Hi	920	1380	1470	1735	8526	10086	66	70	78	82	78	82	55	49.5	φ450	
		Lo	880	1420	1450	1710	8054	9439	65.5	69.5	77.5	81.5	77.5	81.5				

Notice :

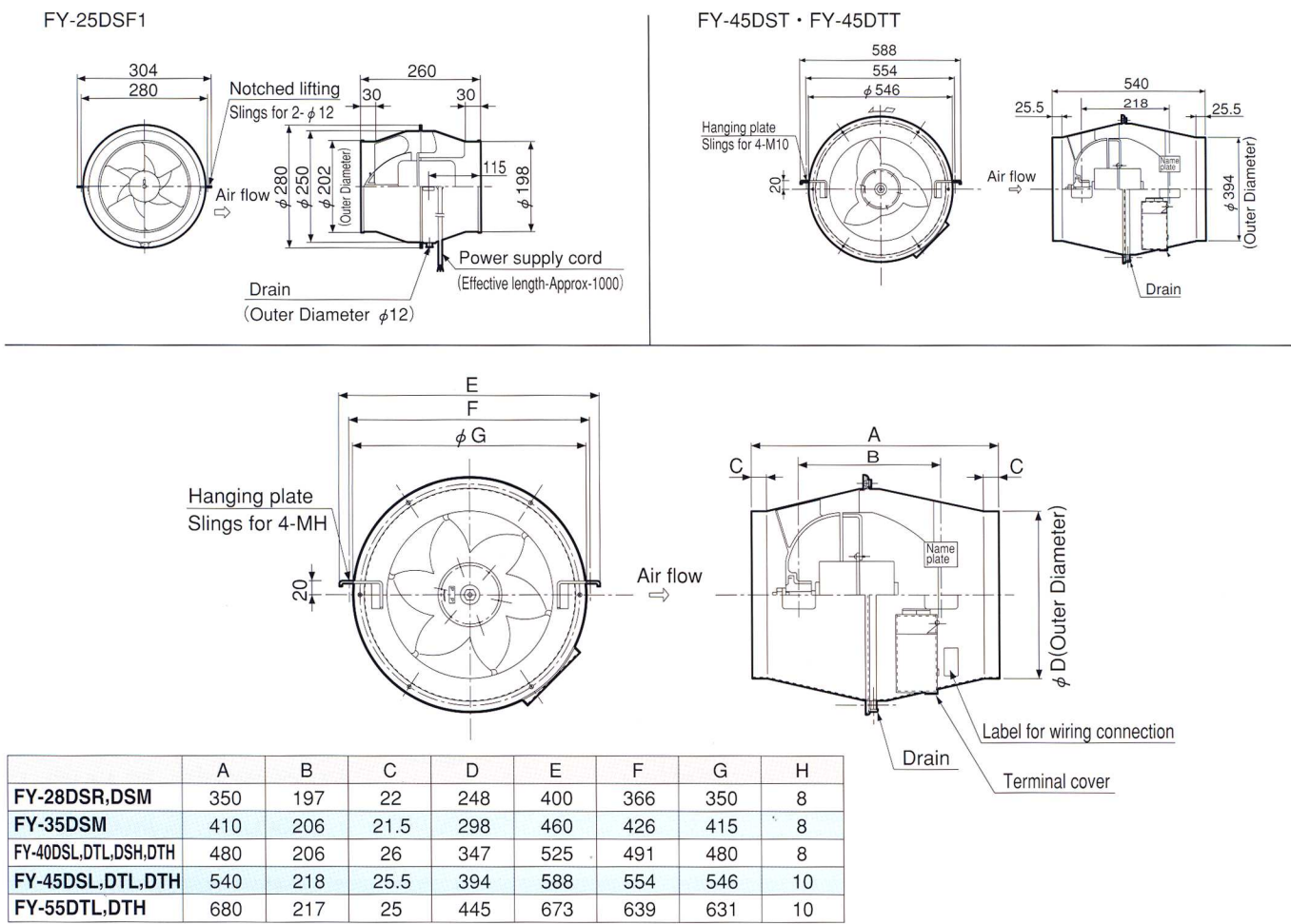
- Power consumption is expressed as open value.
- Air volume is measured using the Chamber method (JIS C 9603) at 0(mmWG) static pressure.
- Noise :
Suction side...Noise at 1.5m at suction side.
Casing side...Noise at 1.5m on the side of a machine body.
Discharge side...Noise at 1.5m orthogonally at discharge side.

Cautions :

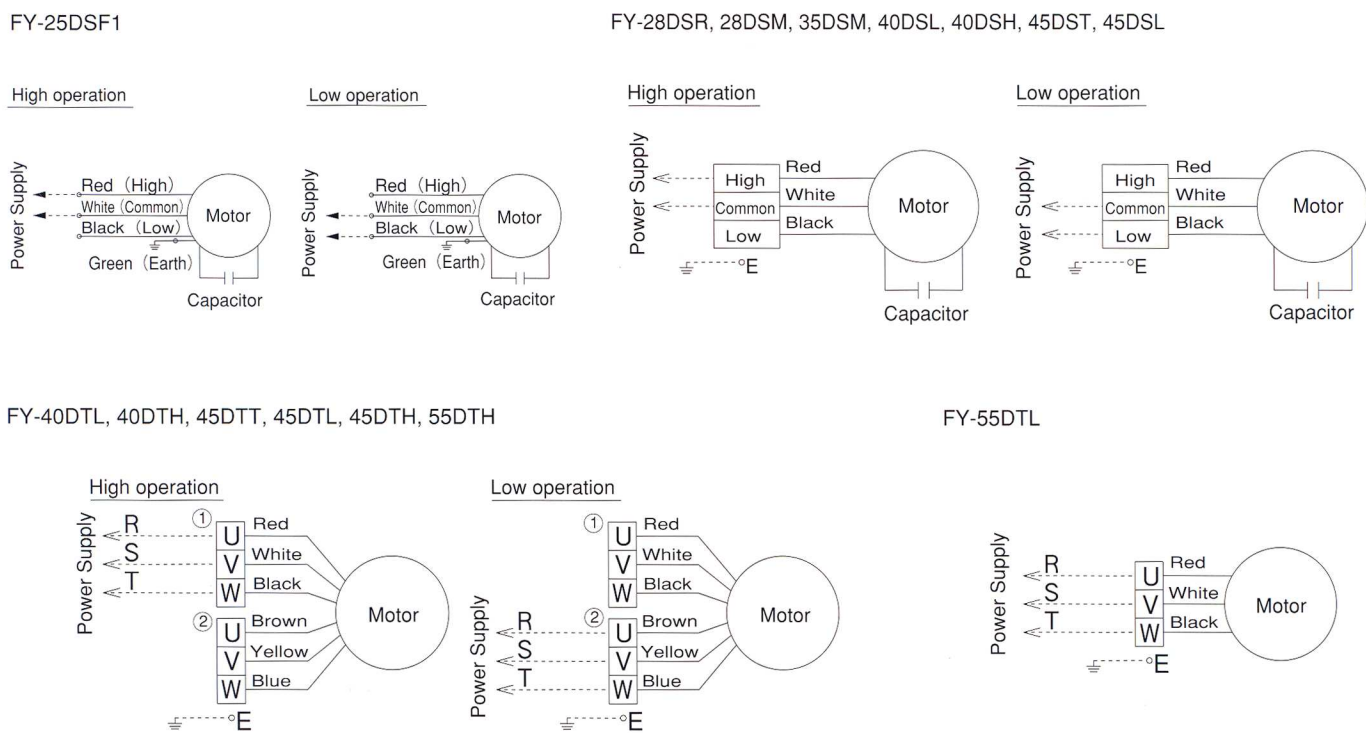
- Don't use it for ventilation at a site generating heat, oily smoke, steam and/or moisture. (Environmental condition : -10℃~+40℃, relative humidity below 85%)
- Install a door 600×600mm or more for maintenance purpose.
- Install a leak breaker or a motor breaker on the source site. A control panel such as a contact switch relay is required for three phase power source.
- In cold air supply to indoor during winter and at any other occasion susceptible to dew drop, heat insulation is required.
- It is recommended to use a commercially available filter at the suction side to avoid dust and/or oil waste attachment on a blade.
- Install it on a horizontal direction. Do not install it upside down or vertically.
- Do not perform parallel operation of more than one unit on a switch, for it may result in motor failure.

Compact axial flow fans

Dimensions



Wiring Diagram



SALES CONTACT



www.airmax-hvac.com



080-614-4944, 063-268-8080



@airmax (Line Official)



windcontrol.info@gmail.com



Address

เลขที่ 56/392 หมู่ที่ 12
ตำบลศีรษะจรเข้น้อย
อำเภอบางเสาธง
จังหวัดสมุทรปราการ
10540

