



With Intake Guards
10D963



Without Intake Guards
10D990



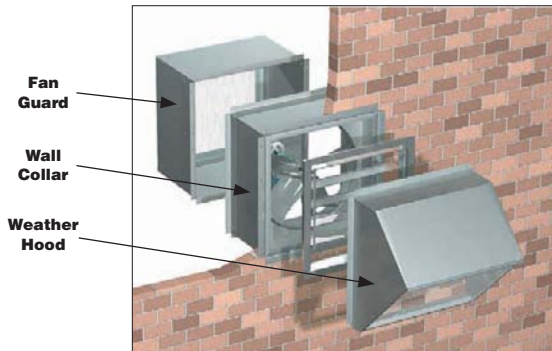
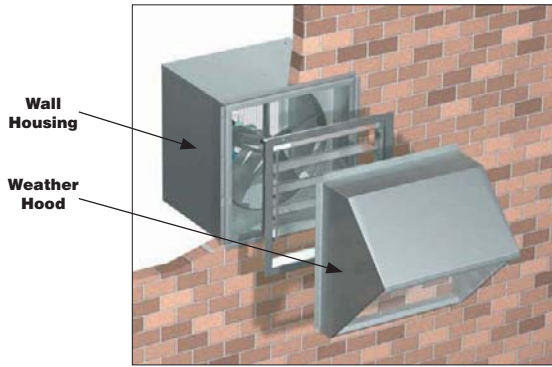
Standard and High-Efficiency Direct-Drive Panel Exhaust Fans

- Motor enclosure: totally enclosed air over
- Max. ambient temp.: 104°F

These exhaust fans pull stale air, heat, odors, and some moisture out of indoor spaces to reduce airborne contaminants and improve indoor air quality. Models are direct-drive with fewer moving parts and typically require less maintenance than belt-drive fans. They mount to an exterior wall and are suitable for factories, warehouses, light manufacturing plants, schools, storage facilities, and other indoor areas where fans cannot be mounted to the ceiling.

High-Efficiency have motors that decrease the amount of energy to operate the fans compared to other similarly sized direct-drive fans.

Blade Dia. (in.)	Name-plate Voltage (AC)	Phase	Motor HP	Exhaust Airflow @ 0.000 in SP (cfm)	Noise Level @ 0.000 in SP @ 5 ft (sones)	Overall Depth (in.)	Overall Brand	Item No.
Standard								
With Intake Guards, Aluminum Blade & Steel Frame								
8	115V	1	1/90	466	6.8	12	7 3/4	Dayton 10D952
10	115V	1	1/90	752	9.4	14	7 3/4	Dayton 10D953
12	115/230V	1	1/4	1,450	11.7	16	9 1/2	Dayton 10D963
14	115V	1	1/90	912	6.4	16	8 3/4	Dayton 10D954
14	115V	1	1/90	1,152	9.4	18	7 3/4	Dayton 10D955
16	115/230V	1	1/4	2,883	16.8	20	9 3/4	Dayton 10D964
16	115V	1	1/90	1,334	10.2	20	7 3/4	Dayton 10D956
16	115/230V	1	1/5	3,085	17.5	22	10	Dayton 10D960
18	115/230V	1	1/4	3,201	18.8	22	9 1/2	Dayton 10D965
18	115V	1	1/4	2,652	15.5	22	10 3/4	Dayton 10D957
18	115/230V	1	1/5	4,134	19.7	24	9 1/2	Dayton 10D967
20	115/230V	1	1/4	3,456	17.4	24	9 1/2	Dayton 10D966
20	115/230V	1	3/4	4,558	22	24	9 1/2	Dayton 10D968
20	115V	1	1/4	3,647	15.3	24	10 3/4	Dayton 10D958
20	115/230V	1	1/2	6,254	21	28	9 3/4	Dayton 10D970
24	115/230V	1	1/5	4,770	16.6	28	10 3/4	Dayton 10D962
24	115/230V	1	1/5	4,473	23	28	10 1/4	Dayton 10D969
24	115V	1	1/4	4,240	17.2	28	10 1/4	Dayton 10D959
Without Intake Guards, Aluminum Blade & Steel Frame								
12	115/230V	1	1/4	1,589	16.4	16	11	Dayton 10D971
12	115/230V	1	1/4	1,286	11.2	16	17 1/4	Dayton 10E039
12	115/230V	1	1/4	2,548	18.4	20	10 1/2	Dayton 10D972
12	115/230V	1	1/4	2,544	18.5	20	15 1/2	Dayton 10E040
16	208-230/460V	3	3/4	2,926	17.9	20	9 3/4	Dayton 10D984
16	208-230/460V	3	3/4	2,459	15.8	20	15 1/2	Dayton 10E041
16	115/230V	1	1/5	3,604	22	22	9 1/2	Dayton 10D985
18	115/230V	1	1/5	3,498	19.7	22	10 3/4	Dayton 10D973
18	208-230/460V	3	3/5	3,689	19.7	22	8 3/4	Dayton 10D986
18	208-230/460V	3	3/5	3,477	18.7	22	10 3/4	Dayton 10D974
18	115/230V	1	1/5	4,240	19.8	24	10 3/4	Dayton 10D975
18	115/230V	1	3/4	4,855	23	24	9 1/2	Dayton 10D987
20	115/230V	1	1/2	4,495	18	24	13 1/4	Dayton 10D976
20	208-230/460V	3	3/4	2,122	21	24	9 1/2	Dayton 10D988
20	208-230/460V	3	1/2	4,452	14.9	24	12 1/2	Dayton 10D977
20	115/230V	1	3/4	7,654	29	28	11 1/4	Dayton 10D990
20	115/230V	1	1/2	6,403	22	28	10 1/2	Dayton 10D989
20	115/230V	1	1/5	5,216	18	28	12 1/4	Dayton 10D978
20	115/230V	1	1/2	5,300	19.1	28	12 1/2	Dayton 10D979
24	115/230V	1	3/4	6,208	18.4	28	20	Dayton 10E047
24	115/230V	1	1/2	5,658	21	28	20	Dayton 10E046
24	208-230/460V	3	3/4	7,102	28	28	10	Dayton 10D991
24	208-230/460V	1	1/2	5,088	14.3	28	12 3/4	Dayton 10D980
24	115/230V	1	3/4	9,859	22	34	12 3/4	Dayton 10D981
24	115/230V	1	3/4	9,095	27	34	10 1/2	Dayton 10D992
30	208-230/460V	3	3/4	9,117	26	34	10 1/2	Dayton 10D993
30	208-230/460V	3	3/4	9,541	27	34	12	Dayton 10D982
30	208-230/460V	3	3/4	9,371	24	34	26 1/4	Dayton 10E049
36	208-230/460V	3	3/4	12,742	29	40	10 3/4	Dayton 10D994
High-Efficiency								
With Intake Guards, Steel Blade & Steel Frame								
12	115V	1	1/15	1,350	10	17 1/4	11	Canarm 788N50
14	115V	1	1/15	1,600	13	19 1/4	11	Canarm 788N52
16	115V	1	1/15	1,850	12	21 1/4	11	Canarm 788N54



Exhaust and Supply Fan Accessories

For use with Dayton belt- and direct-drive exhaust and supply propeller fans. Galvanized steel. Shipped unassembled; include assembly hardware.

Wall Housings have OSHA-compliant screen to protect motor drive side of fan. Internal flange for mounting shutters; external flange acts as flashing to collect and drain away water from the wall opening. **Weather Hoods** are angled to deflect rain and snow away from the fan; include bird screen.

Wall Collars have internal flange for mounting shutters; external flange provides flashing for wall opening. **Fan Guards** come with an OSHA-compliant screen that encloses motor drive side of fan.

Note: OSHA-compliant guards are required when a fan is installed within 8 ft. of floor, working level, or within reach of personnel. Review OSHA codes and UL standards.

For Blade Dia. (in.)					For Blade Dia. (in.)				
W (in.)	D (in.)	Gauge	Item No.	W (in.)	D (in.)	Gauge	Item No.		
Wall Housings				Standard Wall Collars					
8	12 1/4	21	18	16D560	8	12 1/4	10 1/2	20	16D548
10	14 1/4	21	18	16D561	10	14 1/4	11 1/2	20	16D549
12	16 1/4	23	18	3FKF4	12	16 1/4	12	20	16D550
14	18 1/4	21	18	16D562	14	18 1/4	12 1/2	20	16D551
16	20 1/4	27	18	3FKF5	16	20 1/4	12 1/2	20	16D552
18	22 1/4	28	18	3FKF6	18	22 1/4	12 1/2	20	16D553
20	24 1/4	32	18	3FKF7	20	24 1/4	17 1/2	18	3FKF3
24	28 1/4	37	18	3FKF8	24	28 1/4	18 1/2	18	1WB1
30	34 1/4	38	18	3FKF9	30	34 1/4	19 1/2	18	1WB2
36	40 1/4	39	18	3FKG1	36	40 1/4	21 1/2	18	1WB3
42	46 1/4	44	18	3FKG2	42	46 1/4	21 1/2	18	1WB4
48	54 1/4	44	16	3FKG3	48	54 1/4	23 1/2	18	1WB5
54	60 1/4	52	16	3FKG4	54	60 1/4	23 1/2	16	1WB6
60	66 1/4	54	16	3FKG5	60	66 1/4	23 1/2	16	1WB8
Weather Hoods				Heavy Duty Wall Collars					
8	12 1/4	11 1/4	20	16D554	48	54 1/4	23 1/2	16	1WB6
10	14 1/4	12 1/2	20	16D555	54	60 1/4	23 1/2	16	1WB7
12	16 1/4	14 1/4	20	16D556	60	66 1/4	23 1/2	16	1WB8
14	18 1/4	15 1/2	20	16D557	Fan Guards				
16	20 1/4	17	20	16D558	8	12 1/4	8 3/4	20	16D545
18	22 1/4	18 1/4	20	16D559	10	14 1/4	8 1/2	20	16D546
20	24 1/4	18 3/4	18	3FKF2	12	16 1/4	14	20	1WB7
24	28 1/4	21	18	1WB9	14	18 1/4	8 1/2	20	16D547
30	34 1/4	25	18	1WB1	16	20 1/4	14	20	1WB7
36	40 1/4	29	18	1WB2	18	22 1/4	14	20	1WB9
42	46 1/4	33	18	1WB3	20	24 1/4	14	20	1WB2
48	54 1/4	28	18	1WB4	24	28 1/4	21	18	1WB3
54	60 1/4	44 1/2	18	1WB5	30	34 1/4	21	18	1WB4
60	66 1/4	48 1/2	18	1WB6	36	40 1/4	27	18	1WB5
					42	46 1/4	30	18	1WB6
					48	54 1/4	32	18	1WB7
					54	60 1/4	34	16	1WB8
					60	66 1/4	37	16	1WB9

* Fits only Shutters 53DR15 and 53DR19.