

Direct Drive Fans

High Pressure High Velocity

HV & HVEX Model



HV

1 Year Warranty

Features

- Explosion Proof motors are Class I, Group D and Class II, Groups F and G. UL Listed.
- Propellers on Explosion Proof Models have Spark Resistant Aluminum Blades.
- Air Delivery Based on Standard Test Codes of AMCA
- Totally Enclosed & Explosion Proof Motors
- Fully Assembled - Ready to Install
- Full Range of Accessories



Motor Voltage Key

1 Phase 115/230V

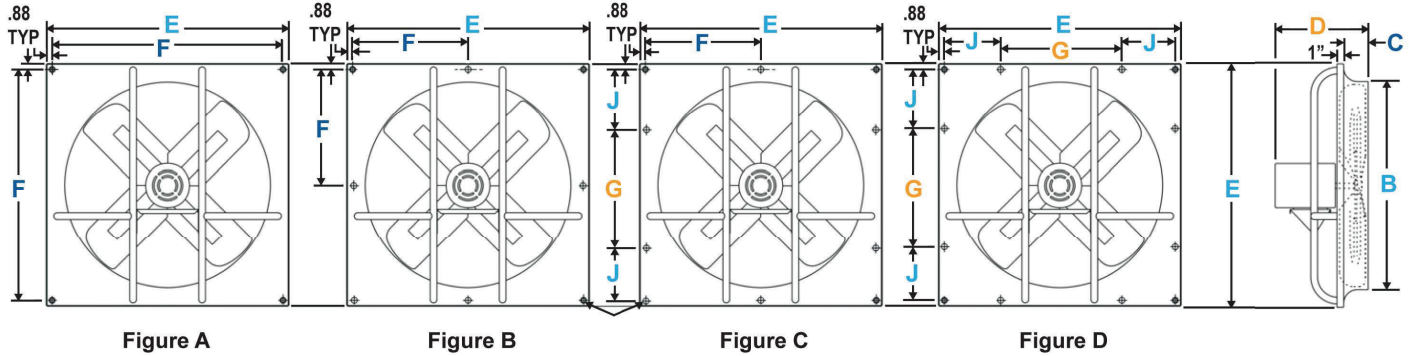
3 Phase 230/460V

Fans with Totally Enclosed Motor

EDP No.	Catalog No.	Prop Dia.	Motor HP	RPM	Capacity (CFM) @ "SP in. W.G.					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
25300	H12V76-1	12"	1/6	1750	1480	1360	1220	886	734	10.7	28
25305	H16V76-1	16"	1/2	1750	2700	2590	2390	2100	1740	18.5	44
25310	H16V836-1	16"									
25315	H18V76-1	18"	1/2	1750	3900	3780	3575	3280	2880	23.0	46
25320	H18V836-1	18"									
25335	H24V76-2	24"	1	1750	6860	6560	6240	5900	5426	35.4	88
25340	H24V836-2	24"									
25355	H30V76-1	30"	1	1150	9470	8750	8030	7100	5900	29.0	51
25360	H30V836-1	30"									
25365	H30V836-3	30"	3	1750	14400	13900	13450	13000	12500	60.1	130
25385	H36V836-3	36"	1½	1150	13300	12400	11600	10600	---	37.1	203
25390	H36V836-1	36"	3	1750	16890	16179	15504	14816	14125	80.1	205
25395	H36V836-2	36"	5	1750	20300	19650	19100	18600	17950	76.5	225
25415	H42V836-3	42"	1½	1150	15789	15044	14059	13020	11690	51.8	240
25420	H42V836-1	42"	3	1150	22100	21300	20500	19650	18650	51.3	295
25425	H42V836-2	42"	5	1150	26640	25968	25250	24350	23250	62.3	320
25445	H48V836-3	48"	3	850	27420	25800	24350	22600	---	40.7	315
25450	H48V836-2	48"	7½	1150	37100	35800	34700	33600	32450	70.2	360



High Pressure High Velocity HV & HVEX Models



HV & HVEX Model Dimensions

Prop Dia.	See Figure	B	C	D		E	F	G	J	H (Dia.)	# OF HOLES
				1 Phase (Max)	3 Phase (Max)						
12"	A	12.25	1.25	10	---	16	14.25	---	---	0.38	4
16"	A	16.50	1.75	12	12.25	22	18.25	---	---	0.38	4
18"	A	18.50	1.75	10	10	24	22.25	---	---	0.38	4
24"	B	24.5	2.50	12	12.25	30	14.12	---	---	0.62	8
30"	B	30.50	3.00	15	14.75	36	17.12	---	---	0.62	8
36"	C	36.5	3.25	15	15.75	42	21.12	20.25	10	0.62	10
42"	D	42.5	3.25	---	20.00	48	---	20.25	13	0.62	12
48"	D	48.5	3.25	---	22.50	54	---	20.25	16	0.62	12

Motor Voltage Key

1 Phase	115/230V
3 Phase	230/460V

Fans with Explosion Proof Motor

EDP No.	Catalog No.	Prop Dia.	Motor HP	RPM	Capacity (CFM) @ "SP in. W.G.					Max. Sones @ 5'	Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"		
25325	H18VEX76-1	18"	1/2	1750	3990	3780	3480	3020	2250	23.0	55
25330	H18VEX836-1	18"									49
25345	H24VEX76-2	24"	1	1750	7820	7690	7450	7070	6450	35.4	47
25350	H24VEX836-2	24"									118
25370	H30VEX76-1	30"	1	1150	10440	9750	8750	7640	6000	29.0	110
25375	H30VEX836-1	30"									118
25380	H30VEX836-3	30"	3	1750	16000	15350	14700	13850	12900	60.1	202
25400	H36VEX836-3	36"	1½	1150	17620	16500	15200	13620	12300	37.1	203
25405	H36VEX836-1	36"	3	1750	18500	17700	15700	15100	13900	80.1	205
25410	H36VEX836-2	36"	5	1750	23000	22150	21100	20200	19000	76.5	225
25435	H42VEX836-1	42"	3	1150	24500	23150	23000	22000	19650	51.3	275
*25440	H42VEX836-2	42"	5	1150	28970	27960	26840	25700	24200	62.3	320
*25460	H48VEX836-2	48"	7½	1150	37000	35000	32800	30600	28000	70.2	360

See page 3 for further Explosion Proof Motor information. Shutters and Motor Kits are not Explosion Proof. Do not use speed control with HVEX fans.
* = WRHD Heavy Duty Shutter to be used with 5 and 7½ HP Fans

Direct Drive Fans

HV & HVEX Accessories

Recommended Optional Accessories for Fans with Totally Enclosed Motors & Explosion Proof Motors

EASR Exhaust Shutters

EDP No.	Catalog No.	Ship Wt.
22971	EASR-MF12	3
22973	EASR-MF18	5
22974	EASR-MF20	5
22975	EASR-MF26	9
22976	EASR-MF32	12
22977	EASR-MF38	16
22978	EASR-MF44	20
22979	EASR-MF50	23
22747	WRHD48	

WS Wall Collar

EDP No.	Catalog No.	Ship Wt.
06884	WS12	15
06886	WS18E	20
06894	WS18	19
06887	WS24	31
06888	WS30	45
06889	WS36	61
06890	WS42	89
06891	WS48	112

WC Supply Shutter

EDP No.	Catalog No.	Ship Wt.
22755	WC10	4
22621	WC16	5
22631	WC18	7
22641	WC24	9
22651	WC30	12
22661	WC36	17
22671	WC42	22
22681	WC48	25

Safety Guard Prop Side (Front)

EDP No.	Catalog No.	Ship Wt.
23660	12FG	7
23665	16FG	11
23670	18FG	11
23675	24FG	15
23680	30FG	19
23685	36FG	27
23690	42FG	34
23695	48FG	40

Note: Do not use Shutter Motor Kits with Explosion Proof Motors.
WC Supply Shutters are not weather resistant. It is recommended that the WC be used with a weatherhood.
48" & 54" Shutters - Double Panel Type; 60" - 3 Panel Type;
24"-48" Weatherhoods available
See page 62 for WS Collar Dimensions

Safety Guard Motor Side (Rear)

EDP No.	Catalog No.	Ship Wt.
23605	12RG	15
23610	16RG	21
23615	18RG	23
23620	24RG	28
23625	30RG	37
23630	36RG	64
23635	42RG	75
23640	48RG	85

Note: When an EASR-MF or WC shutter is used for exhaust or supply and mounted remote from the fan, a WS Wall Collar is not needed. The shutter is installed directly on the wall and a Motor Actuator Kit must be utilized.
EASR-MF44 and EASR-MF50 are two panel construction.
See page 63 for prop side (front) and motor side (rear) guard dimensions.

Optional Weatherhoods

EDP No.	Catalog No.	Ship Wt.
99915	WH24	67
99916	WH30	168
99917	WH36	206
99921	WH42	231
99923	WH48	303

Note: See page 63 for Weatherhood dimensions

Exhaust Shutter Manual Chain Operator

EDP No.	Catalog No.	Description
80111	Manual Chain Operator	For EASR 1 Panel Shutter
80112	Manual Chain Operator	For EASR 2 Panel Shutters

Motor Kits

EDP No.	Catalog No.	Description
22982	MTR-556 SP	120/240V, for 10"-32" Exhaust Shutters
22983	MTR-556 DP	120/240V, for 36"-48" Exhaust Shutters
22984	MTR-885 DP	120/240V, for 56"-62" Exhaust Shutters
22900	MK5047-B	120/240V, for 9"-36" Supply Shutters
22905	MK5047-C	440V, for 9"-36" Supply Shutters
22908	MK5047-E	550V, for 9"-36" Supply Shutters
22910	MK4782-F	120/420V, for 42"-54" Supply Shutters
22915	MK4782-C	440V, for 42"-54" Supply Shutters
22918	MK4782-E	550V, for 42"-54" Supply Shutters

Please specify voltage needed when ordering.
All units are for single phase operation.

60" Supply Shutter Requires (1) MK-5047 and (1) MK-4782 Motor Kit

See page 57 for Heavy Duty Shutters
See page 60 for EASR and WC Shutter Selection/Installation Information, Ship Weights and Cautions.

