

# Direct Drive Fans

Supply Duty are custom orders: non-cancellable, non-returnable once in production

## Low Pressure Industrial Duty

PD Models



### 1 Year Warranty

#### Features

- 2 Speed, Single Phase; or 1 Speed, 3 Phase Motors Available
- Totally Enclosed, Ball Bearing Motor
- High Efficiency



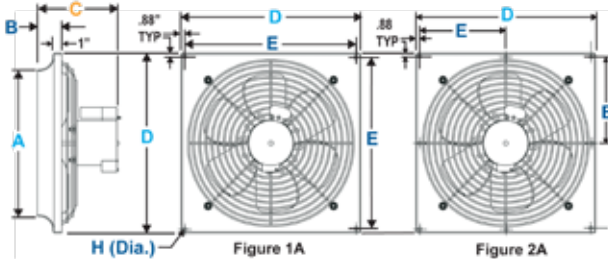
#### Motor Voltage Key

1 Phase	2 Speed	115V
3 Phase	1 Speed	230/460V

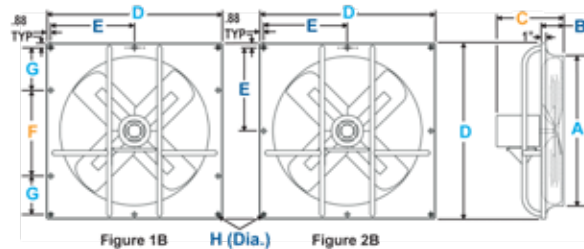
EDP No.	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "SP in. W.G.				Max. Sones @ 5'	Ship Wt.
					0"	1/10"	1/8"	1/4"		
24201	PD18T-D3A	18"	1/6	1110	2680	2414	2332	1789	12.0	34
24211*	PD24T-E3A*	24"	1/2	870	4860	4360	4270	2800	11.6	56
24260	PD24T-E8A	24"	1/4	825	4610	4110	4020	2550	11.6	70
24221	PD30T-G3A	30"	1/2	845	7380	6850	6750	5500	16.7	73
24270	PD30T-G8	30"	1/2	845	7380	6850	6750	5500	16.7	70
24231	PD36R-G3A	36"	1/2	840	8664	7814	7545	5916	20.5	95
24280	PD36R-G8	36"	1/2	840	8664	7814	7545	5916	20.5	95

For Supply Duty add "S" prefix to EDP Number and use list price divided by 0.80.

\* = Not available as Supply Duty.



PD 18" & 24"  
Illustration A



PD 30" & 36"  
Illustration B

#### PD Model Dimensions

Prop Dia.	See Figure	A (Dia.)	B	C	D	E	F	G	H (Dia.)	# OF HOLES
18"	1A	18½	3	9⅝	24	22¼	---	---	0.38	4
24"	2A	24½	3½	15½	30	14⅝	---	---	0.62	8
30"	2B	30½	4⅝	13¾	36	17⅝	---	---	0.62	8
36"	1B	36½	4¾	12¼	42	20⅝	18¼	11	0.62	10



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### Recommended Optional Accessories

Prop Dia.	Exhaust Shutter		WS Wall Collar		WC Supply Shutter		Safety Guards			
							Prop Side (Front)		Motor Side (Rear)	
	EDP	Catalog No.	EDP	Catalog No.	EDP	Catalog No.	EDP	Catalog No.	EDP	Catalog No.
18"	22974	EASRMF20	06894	WS18	22631	WC18	23670	18FG	INCLUDED	
24"	22975	EASRMF26	06887	WS24	22641	WC24	23675	24FG	INCLUDED	
30"	22976	EASRMF32	06888	WS30	22651	WC30	23680	30FG	23625	30RG
36"	22977	EASRMF38	06889	WS36	22661	WC36	23685	36FG	23630	36RG

**Note:** When an EASR 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 a wall and a Motor Actuator Kit must be utilized.

**Note:** On 18" and 24" sizes, motor is guard mounted

See page 63 for prop side (front) & motor side (rear) guard dimensions. See page 60 for EASR and WC shutter selection / installation information, ship weights and cautions.

See page 49 for Motorized Exhaust and Shutter Kits.

EDP No.	Catalog No.	Description
22982	MTR-556 SP	EASR Exhaust Motor Kit (for 9" - 36" Wall Shutters)
80111	Manual Chain Operator	Manual Chain Operator - 1 Panel Exhaust Shutter (for 10" - 36" Supply Shutters)
22900*	MK5047-B	WC Supply Duty Motor Kit, 120/240V (for 9" - 36" Supply Shutters)
22905*	MK5047-C	WC Supply Duty Motor Kit, 440V (for 9" - 36" Supply Shutters)
24852	Switch	Two Speed Switch for Fan Only
85388	Switch	Two Speed Switch for Fan & Supply Shutter
24820	T-1	Thermostat Control (115V only)

\* Specify voltage needed when ordering.

