



# Rugged Plastic Direct Drive Fans

## Master-Ex®

- **Housing** - Heavy gauge plastic and fiberglass provides strength and corrosion resistance while being easy to clean 14" thru 24" fans have plastic housing and diffuser. The slant design on DDPG and DDPS models improves performance and assists run-off condensation
- **Propeller** - Direct drive DDPS fan sizes 14" thru 24" feature stainless steel cambered twist blades riveted through the center eliminating stress
- **Motor** - High efficiency motors are totally enclosed with shielded ball bearings for protection from the environment
- **Frame** - Stainless steel provides a strong vertical

support that aligns the propeller centered in the orifice for maximum performance

- **Shutter** - Unique design lowers resistance and prevents back drafts. In aluminum or plastic.
- **Air Diffuser** - Originally designed and introduced by Acme in 1979 in the Master-Ex line. Published performance for DDP and DDPS includes diffuser for accurate data - not estimated percentages
- **Variable Speed** - Suitable for variable speed with proper controller
- **Front Guard** - Heavy gauge and coated to prevent corrosion



Fan Size	Fan Model	HP	CFM	RPM	C/W	Wt	Catalog Number	Aluminum Shutter Model	Wt	Catalog Number
14"	DDPS14D4-C*	1/5	2020	1638	8.5	35	28-13000	ARW2021	6	28-11500
18"	DDPS18F4-C	1/3	4000	1632	10.4	38	28-13040	ARW2627	7	28-11520
24"	DDPS24G6-C*	1/2	6900	1091	13	90	28-13080	ARW3234	10	28-11540

Fan Size	Description	Wt	Catalog Number
14"	DDP14 Inlet Guard 1/2" x 1" mesh	1	28-13020
18"	DDP18 Inlet Guard 1/2" x 1" mesh	2	28-13060
24"	DDP24 Inlet Guard 1/2" x 1" mesh	3	28-13100

### DDP Shutter

- All aluminum construction
- Counter balanced blades
- Nylon bearing
- Stainless steel hinge pins
- Low air resistance
- Reduces sticking in dusty and moist conditions