

Environmental Solutions™

TURBO® FANS



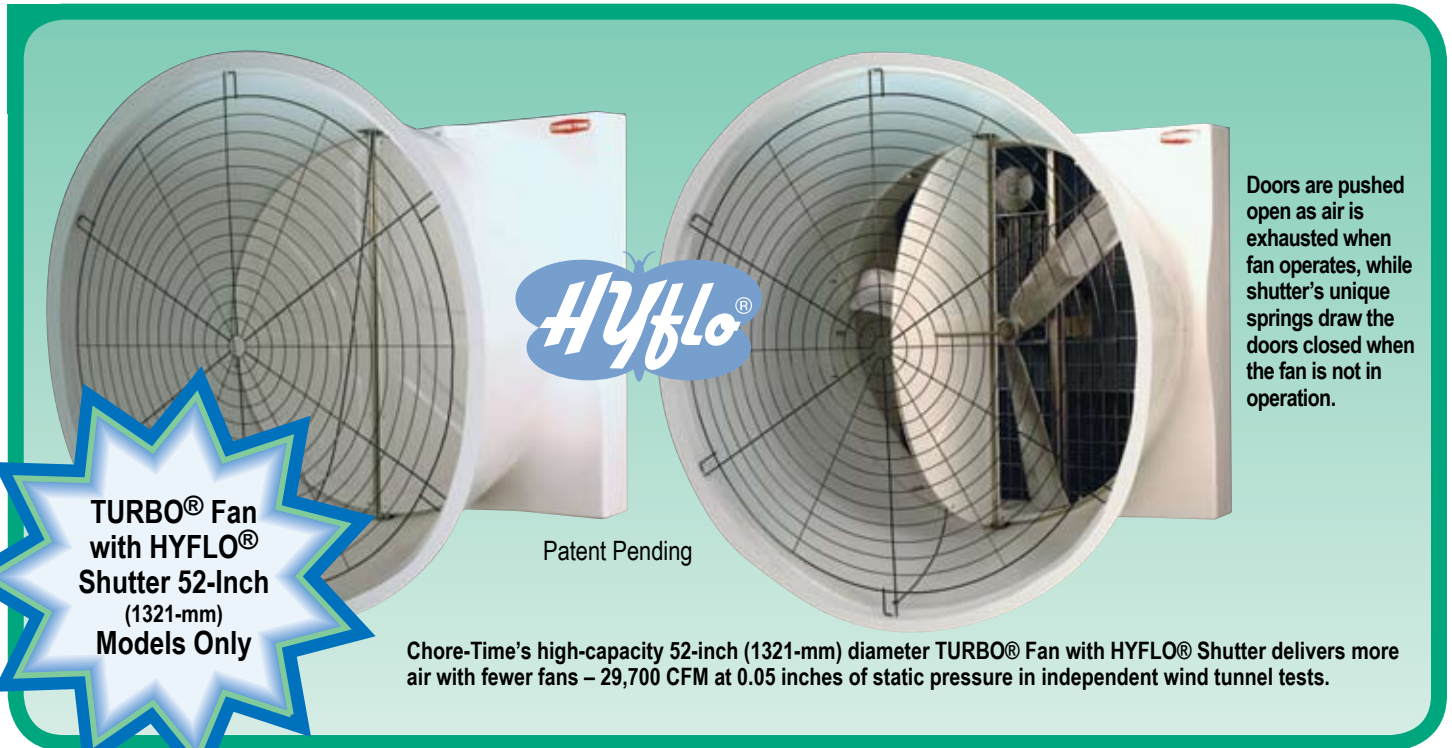
TURBO® FANS

for Pigs



TURBO[®] FIBERGLASS FANS for Pigs

Chore-Time's TURBO[®] Cone Fan is now available with Chore-Time's HYFLO[®] Fan Shutter for even greater efficiency. (Patent Pending)



- Sturdy, corrosion-resistant fiberglass housing with cast aluminum blade and corrosion-resistant components.
- One-piece, impact-resistant, polyethylene cone has 64-inch (1626-mm) outside diameter, but can be compressed for 60-inch-on-center (1524-mm) installation.
- Automatic belt tensioner uses arm and pulley arrangement to provide consistent belt tension.
- Heavy-duty, cast iron, air-handler type bearings are self-aligning, pre-lubricated, and include a zerk fitting, as well as being shielded from moisture and dust.
- Fans are shipped fully assembled including shutter doors. At installation, simply attach fan to house sidewall, add one-piece cone, and snap grill in place. Unit installs flush on inside of house.
- Backed by Chore-Time's generous extended warranty including limited lifetime coverage for housing and blade, and a bonus year on motors.

(See Chore-Time's full written warranty for complete warranty details.)



Cable attachment allows HYFLO[®] Doors to float left or right together for maximum efficiency.

Chore-Time's HYFLO[®] Shutter minimizes obstructions during fan operation and seals tighter when not operating.

Users may choose black or white for housing interior and cone. Housing exterior is white.



- Delivers up to 10% more air with 75% less opportunity for air to leak through compared to a traditional louver shutter.
- HYFLO Doors do not suffer the 12-15% loss of efficiency and air speed typical of dirty louver-style shutters, so air speed is maintained over time.
- The HYFLO Shutter consists of only two moving parts for greater reliability and easier cleaning.

TURBO[®] Fan with Louver Shutter



Chore-Time's TURBO[®] Cone Fan provides high efficiency and corrosion resistance.

- Corrosion-resistant, reinforced-fiberglass housing with aluminum motor mounts and a heavy cast-aluminum blade.
- Backed by Chore-Time's generous extended warranty including limited lifetime coverage for housing and blade, and a bonus year on motors. (See Chore-Time's full written warranty for complete warranty details.)
- High CFM and CFM/watt, even under high static pressure.
- Heavy-duty, cast iron, air-handler type bearings are self-aligning, pre-lubricated, and include a zerk fitting as well as being shielded from moisture and dust.
- Grill simply snaps into impact-resistant, polyethylene, one-piece cone with no fasteners required.



One-piece cone improves air flow up to 14% and efficiency up to 21%.

**TURBO[®] Fan
with Louver Shutter
14- through 48-Inch
(356- through
1219-mm)
Models**



Chore-Time's 48-inch (1219-mm) fan is also offered in a light-restricting version with a black interior housing surface and a black cone.

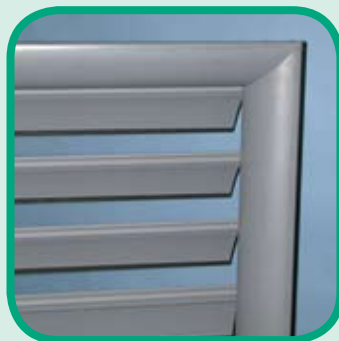


Durable plastic pit transition for 24-inch (610-mm) fans.

Optional hood for 24-inch (610-mm) and smaller fans.



Belled shutter has a curved, aerodynamic frame.



Flexible louver edge helps seal the fan's opening.

Chore-Time's Louver Shutters come in an aerodynamic "belled" style frame for greater efficiency as well as in a flat frame model for flush mounting. Available in white or gray.

- Louvers' flexible edge helps seal the fan's opening when fan is at rest.
- Corrosion-proof vinyl construction with a rigid vinyl frame and fiberglass rod hinges for the louvers.
- Louvers are easy to replace and have a smooth, easy-care finish for low maintenance.

TURBO® FIBERGLASS FAN SPECIFICATIONS



CONE FANS With HYFLO® SHUTTERS

Drive	Type	Fan P/N	.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
			CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
52-Inch (1321-mm) Fans with HYFLO® Shutter (1 Phase)										
BD	Standard	49740-22	28,700	26.4	27,000	23.5	24,900	20.8	0.73	04334
BD	High-Capacity	49740-21	30,700	21.8	29,700	20.5	27,700	18.3	0.79	04312
52-Inch (1321-mm) Fans with HYFLO® Shutter (3 Phase)										
BD	Standard	49740-42	28,800	26.3	27,100	23.3	24,800	20.5	0.73	04335
BD	High-Capacity	49740-41	N/A	N/A	29,700	20.3	27,900	18.2	0.79	04318

CONE FANS With LOUVER SHUTTERS

Drive	Type	Fan P/N	.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
			CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
48 Inch (1219-mm) Fans with Bell Louver Shutter - Choose Grill or High-Efficiency Cone; Light Restriction Model Available										
BD	48-Inch Standard	38264-4825	25,200	23.9	23,600	21.2	22,100	19.0	0.74	04332
BD	48-Inch High-Cap.	47898-4825	27,700	19.6	26,400	18.0	25,000	16.3	0.83	02473
36 Inch (914-mm) Fans with Flat Louver Shutter for Flush-Mount - Choose Grill Model or High-Efficiency Cone										
DD	36-Inch (914-mm)	38265-3622	11,710	20.5	10,970	18.6	10,200	16.8	0.73	96159
BD	36-Inch (914-mm)	38589-3622	12,640	20.8	11,960	19.0	11,190	17.0	0.79	96199
Variable Speed Fans with Flat Louver Shutter for Flush-Mount - Choose Hood Model or High-Efficiency Cone										
DD	24-Inch (610-mm)	40452-2422	6,400	17.8	5,990	16.2	5,550	15.0	0.73	98012
DD	18-Inch (457-mm)	40452-1822	4,180	15.2	4,010	14.1	3,870	13.0	0.87	98008
DD	14-Inch (356-mm)	40452-1422	2,120	14.8	2,030	13.8	1,910	12.6	0.78	98059

HOOD FANS

Drive	Type	Fan P/N	.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
			CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
DD	24-Inch (610-mm)	40453-2422	4,890	13.0	4,510	12.1	4,150	11.1	0.55	98013
DD	18-Inch (457-mm)	40453-1822	3,300	10.3	3,160	9.6	3,010	9.2	0.84	98009
DD	14-Inch (356-mm)	40453-1422	1,580	9.7	1,500	9.2	1,380	8.7	0.54	98010

GRILL FANS

Drive	Type	Fan P/N	.00 Static Pressure		.05 Static Pressure		.10 Static Pressure		Air Flow Ratio	Bess Labs Test Number
			CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt		
BD	48-Inch (1219-mm)	38948-4822	22,100	18.6	20,900	17.1	19,400	15.6	0.77	96167
DD	36-Inch (914-mm)	38789-3622	10,950	16.7	10,300	15.3	9,590	13.8	0.78	96326



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