

# Chore-Time® Belt-Drive Cone Fans for Tunnel Ventilation

Chore-Time recommends considering both capacity (m³/h) and performance (m³/h/Watt) when selecting a fan. Your best balance of energy savings and air speed may come from mixing high-capacity and energy-efficient fan models.

Size	Mat.	Mount	Shutter	Type	Fan P/N	25 Pa		50 Pa		Air Flow Ratio	Bess Lab Test No.	230 V Power
						Static Pressure m³/h	m³/h/Watt	Static Pressure m³/h	m³/h/Watt			
145 cm (57 in)	Comp.	Standard	HYFLO®	High-Cap.	53464-21*	51,600	34.7	43,800	26.5	0.80	12615	60 Hz 1 Ph
	Comp.	Standard	HYFLO®	High-Cap.	53464-41*	51,100	35.6	42,700	26.5	0.79	12616	60 Hz 3 Ph
	Comp.	Flush Mount	HYFLO®	High-Cap.	54659-21*	50,200	32.7	42,200	24.8	0.79	13592	60 Hz 1 Ph
	Comp.	Standard	HYFLO®	High-Cap.	53464-51*	50,100	35.3	41,600	26.5	0.78	12617	50 Hz 3 Ph
	Comp.	Flush Mount	HYFLO®	High-Cap.	54659-41*	49,600	33.4	41,000	24.9	0.78	13566	60 Hz 3 Ph
	Comp.	Flush Mount	HYFLO®	Energy-Eff.	54659-51*	49,000	33.3	40,200	24.8	0.77	13567	50 Hz 3 Ph
	Comp.	Standard	HYFLO®	Energy-Eff.	53464-22*	46,100	39.1	38,400	29.1	0.78	12614	60 Hz 1 Ph
	Comp.	Standard	HYFLO®	Energy-Eff.	53464-42*	45,600	39.6	38,200	29.7	0.78	12619	60 Hz 3 Ph
	Comp.	Standard	HYFLO®	High-Cap.	53464-52*	45,100	38.9	37,200	29.0	0.77	12618	50 Hz 3 Ph
	Comp.	Flush Mount	HYFLO®	Energy-Eff.	54659-22*	44,900	36.8	37,200	27.4	0.77	13591	60 Hz 1 Ph
	Comp.	Flush Mount	HYFLO®	Energy-Eff.	54659-42*	44,700	37.6	36,700	27.8	0.77	13569	60 Hz 3 Ph
Comp.	Flush Mount	HYFLO®	Energy-Eff.	54659-52*	44,200	37.3	36,000	27.4	0.76	13568	50 Hz 3 Ph	
137 cm (54 in)	Galv.	Standard	HYFLO®	High-Cap.	52157-21	49,100	33.0	41,800	25.3	0.80	09080	60 Hz 1 Ph
	Galv.	Standard	HYFLO®	High-Cap.	52157-51	47,900	33.8	39,900	25.5	0.78	09084	50 Hz 3 Ph
	Galv.	Standard	HYFLO®	Energy-Eff.	52157-22	43,800	37.4	36,900	27.9	0.78	09081	60 Hz 1 Ph
	Galv.	Standard	HYFLO®	High-Cap.	52157-52	42,800	37.7	35,700	28.4	0.77	09085	50 Hz 3 Ph
132 cm (52 in)	Fiber.	Standard	HYFLO®	High-Cap.	49740-21	47,100	31.1	40,100	25.2	0.79	04312	60 Hz 1 Ph
	Galv.	Standard	HYFLO®	High-Cap.	49519-21	46,400	30.6	38,600	23.4	0.78	05188	60 Hz 1 Ph
	Galv.	Slant-Wall	Bell Louver	High-Cap.	48319-215	44,700	29.1	37,900	23.3	0.80	05197	60 Hz 1 Ph
122 cm (48 in)	Fiber.	Standard	Bell Louver	High-Cap.	47898-4825	42,500	27.7	37,000	22.9	0.83	02473	60 Hz 1 Ph
	Galv.	Standard	HYFLO®	High-Cap.	49515-21	38,600	30.6	31,900	22.9	0.76	04327	60 Hz 1 Ph
91 cm (36 in)	Fiber.	Standard	Flat Louver	Standard	38589-3622	19,000	28.9	16,000	22.6	0.79	96199	60 Hz 1 Ph
	Galv.	Standard	HYFLO®	Standard	50372-22 <sup>+</sup>	15,600	32.1	12,800	23.8	0.76	06241	60 Hz 1 Ph

\*Add an "S" to the part number for a stainless steel blade and shaft. <sup>+</sup>Direct-drive fan.

KEY: Mat.=Material; Comp.=Composite; Galv.=Galvanized; Fiber.=Fiberglass

A variable frequency drive option is available for the following 3-phase fan models:

- 145-cm composite energy-efficient fans
- 137-cm and 132-cm galvanized energy-efficient fans
- 132-cm fiberglass energy-efficient and high-capacity fans
- 122-cm fiberglass energy-efficient fan with special motor

This is a sampling of the many fan sizes, models and configurations that Chore-Time offers. Additional electrical specifications also available. Contact your local authorized Chore-Time distributor for details on any fans not shown here.



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**Chore-Time**  
Milford, Indiana USA  
[info@choretime.com](mailto:info@choretime.com)

**Chore-Time Europe Sp. z o.o.**  
Strykowo, Poland  
[info@choretime.pl](mailto:info@choretime.pl)

**Chore-Time Europe B.V.**  
Panningen, Netherlands  
[info@choretime.nl](mailto:info@choretime.nl)

**Volito B.V.**  
Veenendaal, Netherlands  
[info@volito.com](mailto:info@volito.com)