



13F045



13F047

Dayton®

## Standard-Duty Industrial Fan Heads

- Totally enclosed motors
  - Ball bearings
  - OSHA-compliant wire guards
- Provide cooling in heavy manufacturing areas and other dusty or dirty environments. Fan heads tilt and lock to direct airflow. 115VAC units feature a pull chain switch and 10-ft. 3-cond. power cord; others are hardwired. 208VAC and 277VAC fans reduce amp draw and can be wired with industrial lighting systems.

Blade Dia.	No. of Speeds	Air Flow	Voltage	Phase	Motor HP	RPM	Amps	Includes	Item No.
<b>Non-Oscillating</b>									
18 in	2	2,950/4,550 cfm	115 V AC	1	¼ hp	1100/850	2.0/1.4	Mounting Bolts	13F045
20 in	2	3,080/4,750 cfm	115 V AC	1	¼ hp	1100/850	2.0/1.4		1VCE7
24 in	1	6,000 cfm	208-230/460 V AC	3	½ hp	1100	2.2-2.2/1.1	Conduit Box, Mounting Bolts	1VCG7
	1	6,050 cfm	208 V AC	1	½ hp	1100	2.3	Conduit Box, Mounting Bolts	1VCG3
	1	6,050 cfm	277 V AC	1	½ hp	1100	1.8	Mounting Bolts, Mounting Device, Secondary Safety Support Cable	1VCG4
	2	3,850/6,200 cfm	115 V AC	1	½ hp	1100/850	3.6/3.0	Mounting Bolts	1VCE8
30 in	1	9,450 cfm	208-230/460 V AC	3	½ hp	1100	2.2-2.2/1.1	Conduit Box, Mounting Bolts	1VCG8
	1	9,450 cfm	277 V AC	1	½ hp	1100	1.8	Conduit Box, Mounting Bolts	1VCG6
	1	9,450 cfm	208 V AC	1	½ hp	1100	2.3	Mounting Bolts, Mounting Device, Secondary Safety Support Cable	1VCG5
30 in	2	8,800/9,800 cfm	115 V AC	1	½ hp	1100/850	4.2/3.3	Mounting Bolts	1VCE9
<b>Oscillating</b>									
18 in	2	2,950/4,550 cfm	115 V AC	1	¼ hp	1100/850	2/1.4	Mounting Bolts	13F047
20 in	2	3,080/4,750 cfm	115 V AC	1	¼ hp	1100/850	2/1.4		1VCF2
24 in	2	4,500/6,450 cfm	115 V AC	1	½ hp	1100/850	4.2/3.3		1VCF3
30 in	2	8,800/9,800 cfm	115 V AC	1	½ hp	1100/850	4.2/3.3		1VCF4



4VAC3

Dayton®

## High-Temperature Industrial Fan Heads

- Non-oscillating
- Ball bearings
- Hardwired
- Max. ambient temp.: 140°F
- OSHA-compliant wire guards

Provide a reliable source of cooling in high ambient temperatures that could burn out fan heads rated for standard temperatures. Fan heads include conduit box and mounting bolts.

Blade Dia.	No. of Speeds	Air Flow	Voltage	Motor HP	RPM	Amps	Motor Encl.	Item No.
20 in	1	4,700 cfm	115 VAC	¼ hp	1100	2.8	TEAO	4VAC3
	1	5,500 cfm	115/230 VAC	½ hp	1670	5.2/2.6	TEAO	4VAC6
24 in	1	6,400 cfm	115 VAC	¼ hp	1100	3.6	TEAO	4VAC4
	1	7,100 cfm	115/230 VAC	½ hp	1670	5.2/2.6	TEAO	4VAC7
30 in	1	8,900 cfm	115 VAC	½ hp	1100	4.2	TEAO	4VAC5



1VCH4

## High-Visibility Industrial Fan Heads

- Non-oscillating
- Ball bearings
- 115VAC
- OSHA-compliant wire guards

Safety-yellow finish attracts attention to help avoid accidental damage to the fan. Include a 15 ft. extension cord and a 3-position drop cord switch.

Blade Dia.	No. of Speeds	Air Flow	Motor HP	RPM	Amps	Motor Encl.	Cord Length	Item No.
24 in	2	3,800/6,100 cfm	¼ hp	1100/850	3.6/3.0	TEAO	10 ft.	1VCH4
30 in	2	8,750/9,400 cfm	½ hp	1100/850	4.2/3.3	TEAO	10 ft.	1VCH5



7DY63

## Industrial Misting Fan Heads

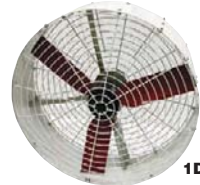
- Non-oscillating
- Ball bearings
- 115VAC
- OSHA-compliant wire guards

Feature misting hub kit 44ZE09 (see page 2791 for kit contents). Misting hub kit connects to a water source for adding moisture to the air for rapid cooling.

Blade Dia.	No. of Speeds	Air Flow	Motor HP	RPM	Amps	Motor Encl.	Cord Length	Item No.
20 in	2	3,055/4,700 cfm	¼ hp	1075	0.94/0.66	TEAO	10 ft.	7DY63
24 in	2	3,800/6,100 cfm	¼ hp	1075	3.38/2.29	TEAO	10 ft.	7DY64
30 in	2	8,712/9,704 cfm	½ hp	1075	3.7/3.12	TEAO	10 ft.	7DY65

## Corrosion-Resistant Industrial Fan Heads

- Non-oscillating
- Sealed ball bearings
- Variable speed controllable
- Hardwired
- OSHA-compliant wire guards



1DGY2

Withstand exposure to water and moisture to allow operation in wet or humid areas without damage to the fan. Indoor uses include regulating temperature in greenhouses to optimize plant growth and ventilating livestock buildings to prevent heat stress in animals and reduce the buildup of moisture, manure gases, pathogens, and dust. Outdoor uses include cooling people in pool areas and other high-moisture locations. Optional controls and steel mounting brackets sold separately.

						PLASTIC COATED WHITE Item No.	BLACK POWDER COATED Item No.	WALL MOUNT BRACKETS Item No.	CEILING MOUNT BRACKETS Item No.											
Blade Dia.	Air Flow	Voltage	Motor HP	RPM	Amps	Motor Encl.				Item	Voltage	Max. Amps	Mfr. Model	Item No.						
Fan Heads																				
20 in	5,500 cfm	115 V AC	¼ hp	1750	3.8	TEAO	1DGY7	—	—	1DG23	Speed Control	120/240V	10 A	VFMSV-1S	1DG25					
24 in	8,000 cfm		115 V AC	½ hp	1750	3.8	TEAO	1DGY5	44ZC74	1DG21						1DG23				
30 in	10,000 cfm	240 V AC	½ hp	1000	6.7	TEAO	1DGY9	44ZC81	1DG22	1DG24	Speed & Temp. Control	120/240V	10 A	VFSA-10S	1DG26					
			½ hp	1000	3.1	TEAO	—	44ZC87	1DG22	1DG24										
36 in	12,000 cfm	115 V AC	½ hp	780	6.3	TEAO	1DGY3	—	1DG22	1DG24										
			240 V AC	½ hp	770	3.2	TEAO	1DGY2	—	1DG22										

## High-Velocity Industrial Fan Heads

- Non-oscillating
- Ball bearings
- OSHA-compliant wire guards

High-rpm motor and tubular housing push air at higher speeds over longer distances than fan heads with a standard open-grill design. 1-phase fans have 12-ft. power cord; 3-phase fans are hardwired.



482V96



6ALH2

Blade Dia.	No. of Speeds	Air Flow	Voltage	Motor HP	Phase	RPM	Amps	Motor Encl.	Mfr. Model	FAN ONLY Item No.	REQUIRED MOUNTING YOKE Item No.
14 in	1	2,600 cfm	115/208-230 V AC	¼ hp	1	1725	2.8/1.4-1.4	TEAO	HIP14A-CS	482V92	6ALH0
		2,600 cfm	208-230/460 V AC	¼ hp	3	1725	1.5-1.4/0.75	TEAO	HIP14B-CS	482V93	6ALH0
18 in	1	3,800 cfm	115/208-230 V AC	½ hp	1	1725	6.0/3.0-2.9	TEAO	HIP18A-CS	482V94	6ALH1
		3,800 cfm	208-230/460 V AC	½ hp	3	1725	2.4-2.3/1.2	TEAO	HIP18B-CS	482V95	6ALH1
22 in	1	5,570 cfm	115/208-230 V AC	½ hp	1	1725	6.0/3.0-2.9	TEAO	HIP22A-CS	482V96	6ALH2
		5,570 cfm	208-230/460 V AC	½ hp	3	1725	2.4-2.3/1.2	TEAO	HIP22B-CS	482V97	6ALH2
26 in	1	7,650 cfm	115/220 V AC	1 hp	1	1725	13.4/6.8-6.7	TEFC	H26A-CS	6ALF8	6ALH3
		7,650 cfm	230/460 V AC	1 hp	3	1725	1.8/3.6-3.5	TEAO	H26B-CS	6ALF9	6ALH3
30 in	1	12,000 cfm	115/220 V AC	1 hp	1	1800	13.4/6.8-6.7	TEAO	HIP30A-CS	787AV5	6ALH4
		12,000 cfm	230/460 V AC	1 hp	3	1800	1.8/3.6-3.5	TEAO	HIP30B-CS	787AV6	6ALH4
34 in	1	17,000 cfm	230/460 V AC	3 hp	3	1165	9.9-9.2/4.6	TEAO	H34B-CS	6ALG2	6ALH5

**Mounting Yokes and Brackets**—For ceiling-mount only, yoke is required without additional mounting bracket. For floor, wall, or dock mounting positions, additional mounting bracket is needed along with yoke. Assembly hardware included. Brackets sold separately on Grainger.com.

