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# HV-Series Industrial High Velocity Blowers

Data Sheet

## General Characteristics of HV-Series Industrial High Velocity Blowers.

TPI's HV Series has the following features: ETL C/US Listed for indoor localized refrigeration applications. Heavy-duty yoke mount bracket design with 2" square steel tube frame. Direct drive, Totally Enclosed Air Motor (TEAO) generating up to 9000 CFM. Single speed, permanently lubricated ball bearings with split capacitor. TEAO motor runs at 60 Hz and 1725 RPM and requires wiring connection to supplied electrical box located in motor housing. System of 3 aluminum blades with steel hub and cast aluminum spider connections. Non-oscillating fan heads offered in 18", 24" and 30" diameter sizes. Housing designed for all types of air circulating applications to provide directional high velocity air flow. Built-in rotating design allows the supplied mounting bracket to pivot 120° in (9) adjustment settings at 15° variations. Front & rear spiral wound grills are OSHA approved and have a black powder coated finish. TEAO motor has a Class B rating, with automatic thermal protection and ball bearing design for harsh environments; rated up to 115°F max. ambient temperature. Single and three phase options available in 120, 277 & 480V.

Motor Specifications:  
1-Speed  
1 Phase, 120V, 208/240V, 277V or 480V.  
3-Phase, 480V  
Ball bearing  
Totally enclosed, air over  
Permanent split capacitor/lubricate.  
½" Motor Shaft

## Product Applications of HV-Series Industrial High Velocity Blowers

Units are ideal for warehouse, material handling, and high-shelf areas for directing high volumes of air flow down aisles, loading dock areas, conveyor systems, processing centers, workstations, jobsite, and all types of industrial operations for rugged environments.

## Warranty of HV-Series Industrial High Velocity Blowers

Manufacturer's Warranty: 1 Year.





# HV-Series Industrial High Velocity Blowers

## Data Sheet

Specific Characteristics of HV-Series Industrial High Velocity Blowers

Item #	Manufacturing #	Size Ø(In.)	CFM	Volts V	Amps A	Phases Ph	HP	RPM	Watts	Stand Type	Weight and Dimensions with Packaging	
											Lbs.	L,W,H In.
USHVS-001	HV-18-120V	18	3000	120	3.4	1	½	1725	373	Standard	45	16,30,28
USHVS-002	HV-18-208/240V	18	3000	208/240	1.9	1	½	1725	373	Standard	45	16,30,28
USHVS-003	HV-18-277V	18	3000	277	1.5	1	½	1725	373	Standard	45	16,30,28
USHVS-004	HV-18-480V	18	3000	480	1.0	1	½	1725	373	Standard	45	16,30,28
USHVS-005	HV-18-480V-3	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Standard	45	16,30,28
USHVS-006	HV-18-120V+HV1	18	3000	120	3.4	1	½	1725	373	Dock Arm, 24" Reach	45	16,30,28
USHVS-007	HV-18-120V+HV2	18	3000	120	3.4	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-008	HV-18-120V+HV3	18	3000	120	3.4	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-009	HV-18-120V+HV4-18	18	3000	120	3.4	1	½	1140	373	Low Stand	45	16,30,28
USHVS-010	HV-18-120V+HV5-18	18	3000	120	3.4	1	½	1140	373	Medium Stand	45	16,30,28
USHVS-011	HV-18-120V+HV6-18	18	3000	120	3.4	1	½	1725	373	High Stand	45	16,30,28
USHVS-012	HV-18-120V+HV7-DC-1	18	3000	120	3.4	1	½	1725	373	Disconnect Switch	45	16,30,28
USHVS-013	HV-18-120V+HV8	18	3000	120	3.4	1	½	1725	373	Caster Kit	45	16,30,28
USHVS-014	HV-18-208/240V+HV1	18	3000	208/240	1.9	1	½	1725	373	Dock Arm, 24" Reach	45	16,30,28
USHVS-015	HV-18-208/240V+HV2	18	3000	208/240	1.9	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-016	HV-18-208/240V+HV3	18	3000	208/240	1.9	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-017	HV-18-208/240V+HV4-18	18	3000	208/240	1.9	1	½	1725	373	Low Stand	45	16,30,28
USHVS-018	HV-18-208/240V+HV5-18	18	3000	208/240	1.9	1	½	1725	373	Medium Stand	45	16,30,28
USHVS-019	HV-18-208/240V+HV6-18	18	3000	208/240	1.9	1	½	1725	373	High Stand	45	16,30,28
USHVS-020	HV-18-208/240V+HV7-DC-1	18	3000	208/240	1.9	1	½	1725	373	Disconnect Switch	45	16,30,28
USHVS-021	HV-18-208/240V+HV8	18	3000	208/240	1.9	1	½	1725	373	Caster Kit	45	16,30,28
USHVS-022	HV-18-277V+ HV1	18	3000	277	1.5	1	½	1725	373	Dock Arm, 24" Reach	45	16,30,28
USHVS-023	HV-18-277V+HV2	18	3000	277	1.5	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-024	HV-18-277V+HV3	18	3000	277	1.5	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-025	HV-18-277V+HV4-18	18	3000	277	1.5	1	½	1725	373	Low Stand	45	16,30,28
USHVS-026	HV-18-277V+HV5-18	18	3000	277	1.5	1	½	1725	373	Medium Stand	45	16,30,28
USHVS-027	HV-18-277V+HV6-18	18	3000	277	1.5	1	½	1725	373	High Stand	45	16,30,28
USHVS-028	HV-18-277V+HV7-DC-1	18	3000	277	1.5	1	½	1725	373	Disconnect Switch	45	16,30,28
USHVS-029	HV-18-277V+HV8	18	3000	277	1.5	1	½	1725	373	Caster Kit	45	16,30,28
USHVS-030	HV-18-480V+HV1	18	3000	480	1.0	1	½	1725	373	Dock Arm, 24" Reach	45	16,30,28
USHVS-031	HV-18-480V+HV2	18	3000	480	1.0	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-032	HV-18-480V+HV3	18	3000	480	1.0	1	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-033	HV-18-480V+HV4-18	18	3000	480	1.0	1	½	1725	373	Low Stand	45	16,30,28
USHVS-034	HV-18-480V+HV5-18	18	3000	480	1.0	1	½	1725	373	Medium Stand	45	16,30,28
USHVS-035	HV-18-480V+HV6-18	18	3000	480	1.0	1	½	1725	373	High Stand	45	16,30,28
USHVS-036	HV-18-480V+HV7-DC-1	18	3000	480	1.0	1	½	1725	373	Disconnect Switch	45	16,30,28
USHVS-037	HV-18-480V+HV8	18	3000	480	1.0	1	½	1725	373	Caster Kit	45	16,30,28
USHVS-038	HV-18-480V-3+ HV1	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Dock Arm, 24" Reach	45	16,30,28
USHVS-039	HV-18-480V-3+HV2	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-040	HV-18-480V-3+HV3	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Wall/Column Mount	45	16,30,28
USHVS-041	HV-18-480V-3+HV4-18	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Low Stand	45	16,30,28
USHVS-042	HV-18-480V-3+HV5-18	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Medium Stand	45	16,30,28
USHVS-043	HV-18-480V-3+HV6-18	18	3000	208-230/460	1.4/0.8	3	½	1725	373	High Stand	45	16,30,28
USHVS-044	HV-18-480V-3+HV7-DC-3	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Disconnect Switch	45	16,30,28
USHVS-045	HV-18-480V-3+HV8	18	3000	208-230/460	1.4/0.8	3	½	1725	373	Caster Kit	45	16,30,28
USHVS-046	HV-24-120V	24	5290	120	3.8	1	½	1725	373	Standard	58	16,36,34
USHVS-047	HV-24-208/240V	24	5290	208/240	2.1	1	½	1725	373	Standard	58	16,36,34
USHVS-048	HV-24-277V	24	5290	277	1.7	1	½	1725	373	Standard	58	16,36,34
USHVS-049	HV-24-480V	24	5290	480	1.1	1	½	1725	373	Standard	58	16,36,34
USHVS-050	HV-24-480V-3	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Standard	58	16,36,34
USHVS-051	HV-24-120V+HV2	24	5290	120	3.8	1	½	1725	373	Wall/Column Mount	58	16,36,34



# HV-Series Industrial High Velocity Blowers

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### Specific Characteristics of HV-Series Industrial High Velocity Blowers

Item #	Manufacturing #	Size Ø(In.)	CFM	Volts V	Amps A	Phases Ph	HP	RPM	WATTS	Stand Type	Weight and Dimensions with Packaging	
											Lbs.	L,W,H In.
USHVS-052	HV-24-120V+HV3	24	5290	120	3.8	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-053	HV-24-120V+HV4-24	24	5290	120	3.8	1	½	1725	373	Low Stand	58	16,36,34
USHVS-054	HV-24-120V+HV5-24	24	5290	120	3.8	1	½	1725	373	Medium Stand	58	16,36,34
USHVS-055	HV-24-120V+HV6-24	24	5290	120	3.8	1	½	1725	373	High Stand	58	16,36,34
USHVS-056	HV-24-120V+HV7-DC-1	24	5290	120	3.8	1	½	1725	373	Disconnect Switch	58	16,36,34
USHVS-057	HV-24-120V+HV8	24	5290	120	3.8	1	½	1725	373	Caster Kit	58	16,36,34
USHVS-058	HV-24-208/240V+HV2	24	5290	208/240	2.1	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-059	HV-24-208/240V+HV3	24	5290	208/240	2.1	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-060	HV-24-208/240V+HV4-24	24	5290	208/240	2.1	1	½	1725	373	Low Stand	58	16,36,34
USHVS-061	HV-24-208/240V+HV5-24	24	5290	208/240	2.1	1	½	1725	373	Medium Stand	58	16,36,34
USHVS-062	HV-24-208/240V+HV6-24	24	5290	208/240	2.1	1	½	1725	373	High Stand	58	16,36,34
USHVS-063	HV-24-208/240V+HV7-DC-1	24	5290	208/240	2.1	1	½	1725	373	Disconnect Switch	58	16,36,34
USHVS-064	HV-24-208/240V+HV8	24	5290	208/240	2.1	1	½	1725	373	Caster Kit	58	16,36,34
USHVS-065	HV-24-277V+HV2	24	5290	277	1.7	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-066	HV-24-277V+HV3	24	5290	277	1.7	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-067	HV-24-277V+HV4-24	24	5290	277	1.7	1	½	1725	373	Low Stand	58	16,36,34
USHVS-068	HV-24-277V+HV5-24	24	5290	277	1.7	1	½	1725	373	Medium Stand	58	16,36,34
USHVS-069	HV-24-277V+HV6-24	24	5290	277	1.7	1	½	1725	373	High Stand	58	16,36,34
USHVS-070	HV-24-277V+HV7-DC-1	24	5290	277	1.7	1	½	1725	373	Disconnect Switch	58	16,36,34
USHVS-071	HV-24-277V+HV8	24	5290	277	1.7	1	½	1725	373	Caster Kit	58	16,36,34
USHVS-072	HV-24-480V+HV2	24	5290	480	1.1	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-073	HV-24-480V+HV3	24	5290	480	1.1	1	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-074	HV-24-480V+HV4-24	24	5290	480	1.1	1	½	1725	373	Low Stand	58	16,36,34
USHVS-075	HV-24-480V+HV5-24	24	5290	480	1.1	1	½	1725	373	Medium Stand	58	16,36,34
USHVS-076	HV-24-480V+HV6-24	24	5290	480	1.1	1	½	1725	373	High Stand	58	16,36,34
USHVS-077	HV-24-480V+HV7-DC-1	24	5290	480	1.1	1	½	1725	373	Disconnect Switch	58	16,36,34
USHVS-078	HV-24-480V+HV8	24	5290	480	1.1	1	½	1725	373	Caster Kit	58	16,36,34
USHVS-079	HV-24-480V-3+HV2	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-080	HV-24-480V-3+HV3	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Wall/Column Mount	58	16,36,34
USHVS-081	HV-24-480V-3+HV4-24	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Low Stand	58	16,36,34
USHVS-082	HV-24-480V-3+HV5-24	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Medium Stand	58	16,36,34
USHVS-083	HV-24-480V-3+HV6-24	24	5290	208-230/460	1.5/0.8	3	½	1725	373	High Stand	58	16,36,34
USHVS-084	HV-24-480V-3+HV7-DC-3	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Disconnect Switch	58	16,36,34
USHVS-085	HV-24-480V-3+HV8	24	5290	208-230/460	1.5/0.8	3	½	1725	373	Caster Kit	58	16,36,34
USHVS-086	HV-30-120V	30	9000	120	7.6	1	1	1700	746	Standard	85	18,41,41
USHVS-087	HV-30-208/240V	30	9000	208/240	4.3	1	1	1700	746	Standard	85	18,41,41
USHVS-088	HV-30-277V	30	9000	277	3.2	1	1	1700	746	Standard	85	18,41,41
USHVS-089	HV-30-480V	30	9000	480	1.6	1	1	1700	746	Standard	85	18,41,41
USHVS-090	HV-30-480V-3	30	9000	208-230/460	3.4/1.6	3	1	1700	746	Standard	85	18,41,41
USHVS-091	HV-30-120V+HV3	30	9000	120	7.6	1	1	1700	746	Wall/Column Mount	85	18,41,41
USHVS-092	HV-30-120V+HV4-30	30	9000	120	7.6	1	1	1700	746	Low Stand	85	18,41,41
USHVS-093	HV-30-120V+HV5-30	30	9000	120	7.6	1	1	1700	746	Medium Stand	85	18,41,41
USHVS-094	HV-30-120V+HV6-30	30	9000	120	7.6	1	1	1700	746	High Stand	85	18,41,41
USHVS-095	HV-30-120V+HV7-DC-1	30	9000	120	7.6	1	1	1700	746	Disconnect Switch	85	18,41,41
USHVS-096	HV-30-120V+HV8	30	9000	120	7.6	1	1	1700	746	Caster Kit	85	18,41,41
USHVS-097	HV-30-208/240V+HV3	30	9000	208/240	4.3	1	1	1700	746	Wall/Column Mount	85	18,41,41
USHVS-098	HV-30-208/240V+HV4-30	30	9000	208/240	4.3	1	1	1700	746	Low Stand	85	18,41,41
USHVS-099	HV-30-208/240V+HV5-30	30	9000	208/240	4.3	1	1	1700	746	Medium Stand	85	18,41,41
USHVS-100	HV-30-208/240V+HV6-30	30	9000	208/240	4.3	1	1	1700	746	High Stand	85	18,41,41
USHVS-101	HV-30-208/240V+HV7-DC-1	30	9000	208/240	4.3	1	1	1700	746	Disconnect Switch	85	18,41,41
USHVS-102	HV-30-208/240V+HV8	30	9000	208/240	4.3	1	1	1700	746	Caster Kit	85	18,41,41
USHVS-103	HV-30-277V+HV3	30	9000	277	3.2	1	1	1700	746	Wall/Column Mount	85	18,41,41
USHVS-104	HV-30-277V+HV4-30	30	9000	277	3.2	1	1	1700	746	Low Stand	85	18,41,41



# HV-Series Industrial High Velocity Blowers

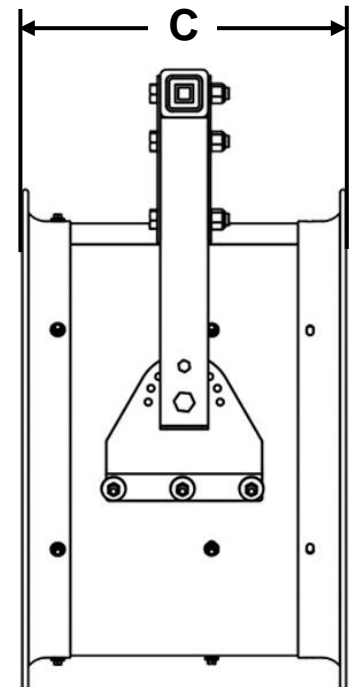
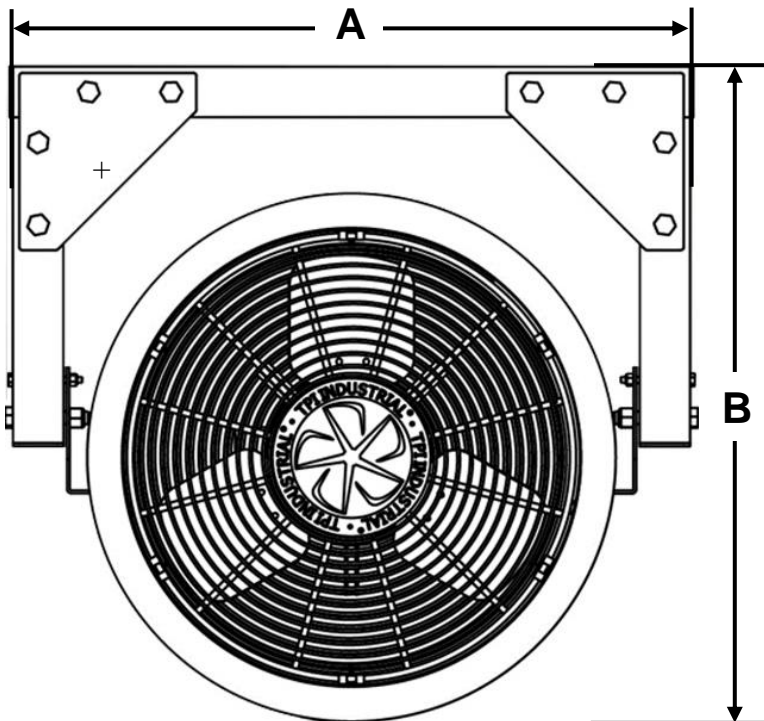
## Data Sheet

### Specific Characteristics of HV-Series Industrial High Velocity Blowers

Item #	Manufacturing #	Size Ø(In.)	CFM	Volts V	Amps A	Phases Ph	HP	RPM	Watts	Stand Type	Weight and Dimensions with Packaging	
											Lbs.	L,W,H In.
USHVS-105	HV-30-277V+HV5-30	30	9000	277	3.2	1	1	1700	746	Medium Stand	85	18,41,41
USHVS-106	HV-30-277V+HV6-30	30	9000	277	3.2	1	1	1700	746	High Stand	85	18,41,41
USHVS-107	HV-30-277V+HV7-DC-1	30	9000	277	3.2	1	1	1700	746	Disconnect Switch	85	18,41,41
USHVS-108	HV-30-277V+HV8	30	9000	277	3.2	1	1	1700	746	Caster Kit	85	18,41,41
USHVS-109	HV-30-480V+HV3	30	9000	480	1.6	1	1	1700	746	Wall/Column Mount	85	18,41,41
USHVS-110	HV-30-480V+HV4-30	30	9000	480	1.6	1	1	1700	746	Low Stand	85	18,41,41
USHVS-111	HV-30-480V+HV5-30	30	9000	480	1.6	1	1	1700	746	Medium Stand	85	18,41,41
USHVS-112	HV-30-480V+HV6-30	30	9000	480	1.6	1	1	1700	746	High Stand	85	18,41,41
USHVS-113	HV-30-480V+HV7-DC-1	30	9000	480	1.6	1	1	1700	746	Disconnect Switch	85	18,41,41
USHVS-114	HV-30-480V+HV8	30	9000	480	1.6	1	1	1700	746	Caster Kit	85	18,41,41
USHVS-115	HV-30-480V-3+HV3	30	9000	208-230/460	3.4/1.6	3	1	1700	746	Wall/Column Mount	85	18,41,41
USHVS-116	HV-30-480V-3+HV4-30	30	9000	208-230/460	3.4/1.6	3	1	1700	746	Low Stand	85	18,41,41
USHVS-117	HV-30-480V-3+HV5-30	30	9000	208-230/460	3.4/1.6	3	1	1700	746	Medium Stand	85	18,41,41
USHVS-118	HV-30-480V-3+HV6-30	30	9000	208-230/460	3.4/1.6	3	1	1700	746	High Stand	85	18,41,41
USHVS-119	HV-30-480V-3+HV7-DC-3	30	9000	208-230/460	3.4/1.6	3	1	1700	746	Disconnect Switch	85	18,41,41
USHVS-120	HV-30-480V-3+HV8	30	9000	208-230/460	3.4/1.6	3	1	1700	746	Caster Kit	85	18,41,41

### Dimensions (In.) of HV-Series Industrial High Velocity Blowers

Series	Width	Height	Depth
	A	B	C
USHVS-001 to 045	27.4"	26"	13.5"
USHVS-046 to 085	33.3"	31.4"	13.5"
USHVS-086 to 120	38.9"	39"	16"

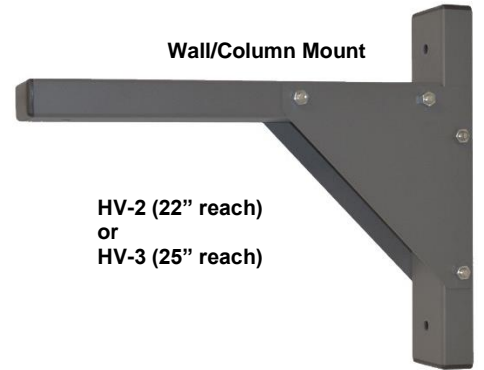
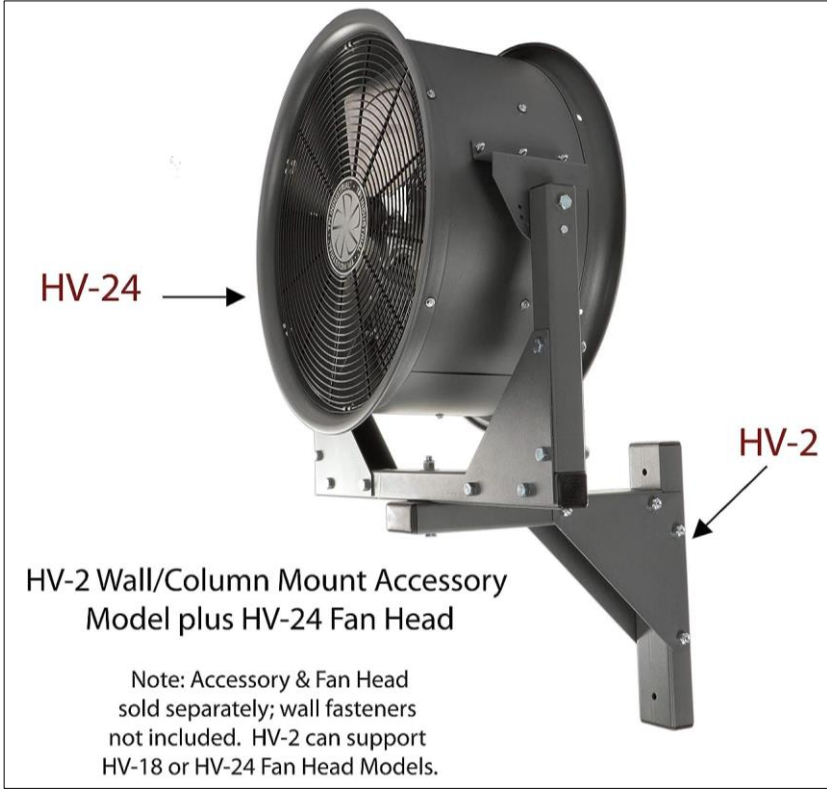




# HV-Series Industrial High Velocity Blowers

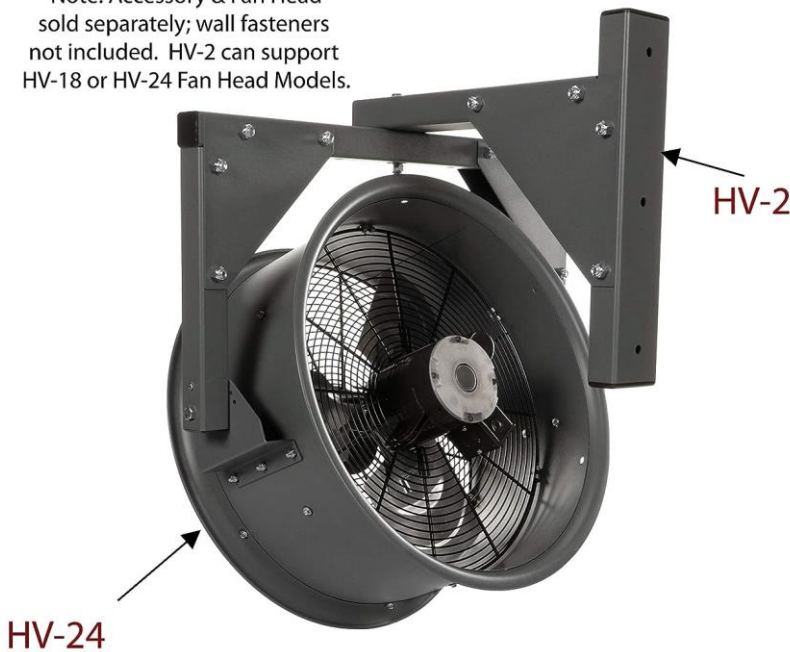
## Data Sheet

### Gallery Image of HV Series Industrial High Velocity Blowers



### HV-2 Wall/Column Mount Accessory Model plus HV-24 Fan Head

Note: Accessory & Fan Head sold separately; wall fasteners not included. HV-2 can support HV-18 or HV-24 Fan Head Models.



**Image Shown Includes**

- HV-24 (Fan Head)
- HV-5-24 (Medium Stand)
- HV-8 (Caster Kit)

**Note: All items must be ordered separately**

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# HV-Series Industrial High Velocity Blowers

Data Sheet

Gallery Image of HV Series Industrial High Velocity Blowers





# HV-Series Industrial High Velocity Blowers

Data Sheet

Gallery Image of HV Series Industrial High Velocity Blowers



ID	Author	Description Error	Description Update	Supervisor Name
V1	Marcela Roldán	Technical Sheet Nueva	Technical Sheet Nueva	J.L.