



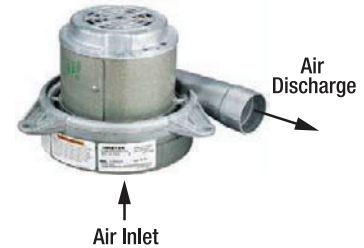
Body Dia.	Voltage	Blower Stages	CFM @ 2" Orifice	Vacuum (H <sub>2</sub> O Sealed)	Max. Air Watts	Max. Amps	Overall Height	Replacement Brushes	Inlet Tube Dia.	Mfr. Model	Brand	Item No.
Peripheral Bypass Discharge												
Thermoset Mounting Brackets												
5.7"	120	1	95.0	50.1	188	5.7	5 1/8"	2YU17	—	116325-00	Ametek	2M428
	120	1	110.0	45.0	140	6.2	5"	34DA21	2"	32ZN72	Dayton	32ZN72
	120	1	115.0	50.0	195	8.2	5 3/8"	34DA21	2"	32ZN73	Dayton	32ZN73
	120	1	125.0	56.0	245	10.0	6"	34DA21	2"	32ZN82	Dayton	32ZN82
	120	1	133.0	49.5	291	7.0	5 1/8"	2UV64	—	116196-00	Ametek	4M960
	120	2	90.0	85.0	240	8.8	6 3/8"	34DA21	2"	32ZN74	Dayton	32ZN74
	120	2	94.0	84.3	274	8.0	6 1/8"	2UV81	—	116336-01	Ametek	2M429
	120	2	94.0	84.3	274	8.0	6 1/8"	2UV15	—	119414-00	Ametek	3GXE9
	120	2	96.0	88.1	292	8.0	6 1/8"	2UV81	—	115757-P	Ametek	2M265
	120	2	100.0	90.3	313	9.0	6 1/8"	2UV64	—	116493-50	Ametek	4M949
	120	2	101.0	93.2	332	9.1	6 1/8"	2UV64	—	116448-00	Ametek	4M955
	120	2	104.0	91.3	300	9.1	6 3/8"	2UV81	—	116212-00	Ametek	4M954
	120	2	105.0	95.0	320	11.0	7"	34DA21	2"	32ZN75	Dayton	32ZN75
	120	2	112.0	106.7	404	11.7	7"	41RD41	—	116471-13	Ametek	4M953 *
	240	1	99.0	50.8	201	3.3	5 1/8"	2UV65	—	116271-00	Ametek	4M957
	240	2	112.0	95.4	360	4.9	7"	2UV65	—	116036-13	Ametek	4M952 *
	240	2	107.0	97.8	389	5.7	7"	2UV65	—	116354-00	Ametek	4M951
Metal Mounting Brackets												
7.2"	120	2	102.7	110.0	384	13.0	6 3/8"	2XB23	—	115330	Ametek	2M173
	120	2	116.4	106.1	401	13.0	6 1/8"	2XB23	—	115962	Ametek	2M187 *
	120	3	105.0	131.4	447	14.7	7 1/8"	2XB23	—	116118-00	Ametek	4M891 *
7.5"	120	3	126.0	88.2	360	11.6	9 1/8"	2UV67	—	114787	Ametek	2M179
	240	3	122.0	84.2	354	5.2	9 1/8"	2UV76	—	114789	Ametek	4M877
Acustek® (Low Noise), Thermoset Mounting Brackets												
5.7"	120	2	97.0	84.9	255	7.9	6 1/2"	2UV64	—	116757-13	Ametek	2M266 *
	120	2	97.0	84.9	255	7.9	6 1/2"	2UV64	—	116024-13	Ametek	4M917 *
	120	2	102.0	91.5	293	9.2	6 1/2"	2UV64	—	116025-13	Ametek	4M916 *
	120	2	103.0	91.5	293	9.2	6 1/2"	2UV81	—	116758-13	Ametek	2M267 *
	120	2	110.0	107.1	387	11.3	6 1/8"	41RD41	—	116763-13	Ametek	2M433 *
	120	3	100.0	119.6	382	11.1	7 1/8"	41RD41	—	116764-13	Ametek	4M914 *
	240	2	111.0	95.2	362	4.9	7"	2UV65	—	116296-13	Ametek	4M915 *
	240	2	111.0	95.2	362	4.9	7"	2UV65	—	116296-13	Ametek	4M915 *
Tangential Bypass Discharge												
Thermoset Mounting Brackets												
5.7"	36VDC	3	76.0	74.0	185	17.9	7 1/8"	2UV71	—	116513-13	Ametek	4M918 *
	36VDC	3	76.0	74.0	185	17.9	7 1/8"	4HCH1	—	119432-13	Ametek	3GXF2
	120	2	97.0	81.8	248	8.6	6 1/2"	2UV64	—	116392-00	Ametek	2M430 *
	120	2	105.5	88.2	285	8.2	6 1/2"	2UV81	1 1/8"	116210-85	Ametek	4M928
	120	2	104.0	91.3	300	9.0	6 1/2"	2UV81	—	116207-00	Ametek	2M201
	120	2	97.4	92.5	301	9.9	7"	41RD41	—	116474-37	Ametek	4M983 *
	120	2	112.0	106.7	404	11.7	7"	41RD41	—	116472-13	Ametek	4M937 *
	120	3	99.0	117.4	368	10.7	7 1/8"	41RD41	—	116565-13	Ametek	4M923 *
	120	3	99.0	117.4	386	10.7	7 1/8"	41RD41	1 1/2"	116565-29	Ametek	4M924 *
	240	2	108.0	87.5	317	4.4	6 1/8"	2UV65	—	116420-13	Ametek	4M934 *
	240	2	126.3	100.5	413	6.7	7"	2UV65	—	116353-13	Ametek	4M936
	240	3	93.0	115.5	345	5.2	7 1/8"	2UV65	—	116859-00	Ametek	4M944
	7.2"	120	2	110.0	123.0	455	12.8	7 1/8"	2XB24	—	117467-13	Ametek
Metal Mounting Brackets												
5.7"	120	1	93.0	47.8	157	5.7	4 1/8"	2YU17	—	116520-50	Ametek	4M941
	120	3	101.2	137.1	485	13.5	8 1/2"	2UV68	—	116765-00	Ametek	4M922
	120	3	101.2	137.1	485	13.5	8 1/2"	2UV68	—	116765-13	Ametek	4M921 *
	120	2	102.7	110.0	384	13.0	6 1/8"	2XB23	—	115334	Ametek	2M174
	120	2	105.4	110.1	392	12.7	6 1/8"	2XB23	—	115937	Ametek	2M178 *
	120	3	92.0	134.0	403	13.8	7 3/8"	2XB23	—	116103-00	Ametek	2M188 *
7.2"	120	3	92.0	134.0	403	13.8	8 5/8"	2XB23	2"	116161-00	Ametek	4M884 *
	120	3	94.0	134.0	438	12.6	7 3/8"	2XB23	—	116119-00	Ametek	2M202
	120	3	102.5	145.9	530	14.0	8 1/8"	2UV78	—	117500-12	Ametek	3HV25
	240	2	98.9	95.0	308	5.5	6 1/8"	2UV77	—	115950	Ametek	4M888 *
	240	2	101.2	109.6	356	5.9	6 3/8"	2UV77	—	115684	Ametek	4M887
	240	3	87.0	106.0	306	5.5	8 5/8"	2UV77	—	116136-00	Ametek	4M883 *
Aluminum Mounting Brackets												
5.7"	240	3	101.2	137.2	485	7.3	8 1/8"	2UV80	—	117123-00	Ametek	3EAK5
Thru-Flow Discharge												
Thermoset Mounting Brackets												
5.7"	120	1	112.0	63.0	189	6.8	4 3/8"	2UY15	—	119400-00	Ametek	3EAK8
	120	2	94.0	90.2	241	7.7	5 1/8"	2UY15	—	119402-00	Ametek	3GXE2
	120	1	105.0	60.0	195	7.1	4 1/2"	34DA21	2"	32ZN76	Dayton	32ZN76
	120	1	115.0	60.0	215	8.2	4 7/8"	34DA21	2"	32ZN77	Dayton	32ZN77
	120	1	125.0	70.0	280	10.1	5 1/4"	34DA21	2"	32ZN78	Dayton	32ZN78
	120	2	105.0	105.0	340	11.0	6 1/4"	34DA21	2"	32ZN80	Dayton	32ZN80
Metal Mounting Brackets												
5.7"	120	2	94.0	90.2	241	7.7	5 1/8"	2UV81	—	116669-50	Ametek	2M421 †
	120	2	94.0	90.2	241	7.7	5 1/8"	2UV64	—	116457-00	Ametek	2M420 †
	120	2	95.0	91.2	245	8.2	5 1/8"	2UV64	—	116311-01	Ametek	2M192
	120	2	99.0	92.0	257	8.0	5 1/8"	2UV81	—	115750	Ametek	2M262
	120	2	99.0	92.0	257	8.0	5 1/8"	2UV64	—	115744	Ametek	2M198 †
	120	2	99.0	92.0	260	8.0	5 1/8"	2UV81	—	115737	Ametek	2M263
	120	2	104.0	100.0	323	9.0	6"	2UV81	—	116671-50	Ametek	4M898 †
	120	2	115.0	96.4	356	9.5	5 1/8"	2UV81	—	116146-00	Ametek	2M186
	120	2	115.0	96.4	356	9.5	5 1/8"	2UV64	—	115982	Ametek	4M982
	120	2	115.0	96.4	356	9.5	5 1/8"	2UV81	—	116884-49	Ametek	4M905 †
	120	2	101.3	114.4	365	10.6	5 1/8"	41RD41	—	116432-00	Ametek	2M422
	120	2	122.0	100.4	447	10.8	6 3/8"	41RD41	—	115923	Ametek	4M903
	240	1	113.0	61.7	197	3.8	4 1/8"	2UV65	—	116668-50	Ametek	2M427 †
	240	2	89.0	78.0	196	3.5	5 1/8"	2UV65	—	115756	Ametek	2M182
	240	2	102.0	87.8	248	4.0	5 1/8"	2UV65	—	116670-50	Ametek	2M424 †
	240	2	102.0	87.8	248	4.0	5 1/8"	2UV65	—	116312-00	Ametek	2M423
	240	2	119.0	98.9	345	5.1	6 1/2"	2UV65	—	116604-00	Ametek	4M900 †
Aluminum Mounting Brackets												
5.7"	120	1	147.0	98.0	500	12.0	4 3/4"	2UV81	—	119347-00	Ametek	3EAK7

\* Air-sealed bearing protection. † Auto thermal protection; all others have none.



#### PERIPHERAL DISCHARGE

Air flows into the bottom of the motor and is discharged through vents in the motor.



#### TANGENTIAL DISCHARGE

Air flows into the bottom of the motor and is discharged through an air tube on the side of the motor.



#### THRU-FLOW DISCHARGE

Air flows into the bottom of the motor and is discharged through the top of the motor to provide cooling.



## Vacuum Motors

- Enclosure: open
- Thermal protection: None, except where noted
- Mounting: all-position
- Bearings: ball, permanently lubricated
- Max. ambient temp.: 40°C
- Duty: intermittent
- Avg. brush life (Ametek only): 4.3" and 5.7" dia., 500 hr.; 7.2" dia., 700 hr.; 7.5" dia., 1000 hr.

For use in moving clean and dry air. Motor should not come into contact with foam, liquids, or moisture-laden air. Use with applications that protect the motor's electrical components, fan system, and housing. Units with air-sealed bearings provide added protection against dirt and moisture. Units with thermoset mounting brackets are for light-duty applications. For use in commercial canister or utility vacuums, sprayer/foggers, material handling and transfer systems, and car wash and central vacuum systems. Ametek® motors are UL Recognized and CSA Certified, except No. 4M941 is UL Recognized only. Dayton