



Hoffman

ebmpapst

Dayton



2RTK9

Dia.	D	CFM @ 0.000" SP	IP Rating	Housing Material	Mounting Eye O.C.	Sound Level (dBA)	Includes	Requires	Brand	Item No.
115V AC, Lead Wires, Axial Fans										
5 1/2 in	1 1/2 in	240	None	Cast Aluminum	—	62.5	—	—	Hoffman	32FL13
9 in	3 1/2 in	560	None	Cast Aluminum	—	46/49	—	—	Hoffman	32FL09
12 1/2 in	3 3/4 in	1100	IP44	Galvanized Steel	11 5/8 in	71	Inlet Grille	Run Capacitor 5AGK5	ebm-papst	5AGD3
12 1/2 in	3 3/4 in	1100	IP44	Galvanized Steel	11 5/8 in	71	Discharge Grille	Run Capacitor 5AGK5	ebm-papst	5AGD2
15 5/8 in	4 1/2 in	1710	IP44	Galvanized Steel	15 in	64	Discharge Grille	Run Capacitor 5AGK6	ebm-papst	5AGD5
15 5/8 in	4 1/2 in	1710	IP44	Galvanized Steel	15 in	64	Inlet Grille	Run Capacitor 5AGK6	ebm-papst	5AGD6
115V AC, Terminals, Axial Fans										
5 3/16 in	1 1/2 in	190	IP22	Aluminum	—	57	—	3 MFD Capacitor	ebm-papst	36C497
10 in	3 1/2 in	800/870	IP20	Aluminum	9 1/16 in	70/68	—	Cord Set (Not Included)	Dayton	2RTK9
120V AC, Lead Wires, Axial Fans										
10 in	3 1/2 in	447/530	IP33	Aluminum	9 1/16 in	50/54	—	—	Dayton	55VD33
120V AC, Terminals, Axial Fan Kits										
10 in	3 1/2 in	429/496	20	Cast Aluminum	9 1/16 in	52/58	Steel Wire Guard, Cord Set	—	Dayton	786EW5
120V AC, Terminals, Axial Fans										
6 3/4 in	2 in	197/230	IP33	Aluminum	6 3/8 in	58/62	—	Cord Set (Not Included)	Dayton	55VD32
10 in	3 1/2 in	452/527	IP33	Aluminum	9 1/16 in	51/54	—	Cord Set (Not Included)	Dayton	55VD36
230V AC, Lead Wires, Axial Fans										
10 in	3 1/2 in	454/537	IP33	Aluminum	9 1/16 in	51/54	—	—	Dayton	55VD31
20 3/4 in	4 3/4 in	2910	IP44	Galvanized Steel	19 7/8 in	73	Inlet Grille	Run Capacitor 2MDY6	ebm-papst	5AGD8
24V DC, Lead Wires, Axial Fans										
6 3/4 in	2 in	312	IP20	Metal	7 1/8 in	65	—	—	ebm-papst	5AF20
12 5/8 in	3 1/2 in	1130	IP42	Cast Aluminum	9 7/8 in	70	—	—	ebm-papst	5AGA9

ebmpapst

RITTAL

Dayton



5AFY9

Wet-Location Compact Axial Fans

Ball bearings

These fans are used for cooling equipment in enclosures that are exposed to wet conditions. They have an IP (Ingress Protection) rated motor to withstand water sprays and help keep out dust. Fans require minimal space for installation. Square fans have a square housing that can mount over a round cutout or fit into a square cutout. Models are typically installed where there's full access for mounting them against the interior of an enclosure and have mounting holes at each corner for securing them to a wall or panel.

H	D	Dia.	CFM @ 0.000" SP	IP Rating	Housing Material	Mounting Eye O.C.	Sound Level	Brand	Item No.
Round, 115/230V AC, Lead Wires									
—	2 in	6 3/4 in	206	IP55	Cast Aluminum	6 3/8 in	50	ebm-papst	5AFY9
Round, 115V AC, Lead Wires									
—	2 3/32 in	6 3/4 in	218	IP55	Fiberglass Reinforced Polypropylene	6 3/8 in	56	ebm-papst	40N386
—	3 1/8 in	9 7/8 in	442	IP55	Fiberglass Reinforced Polypropylene	9 3/8 in	55	ebm-papst	5AGC4
—	3 3/8 in	9 7/8 in	271	IP55	Fiberglass Reinforced Polypropylene	9 3/8 in	42	ebm-papst	5AGC2
Round, 230V AC, Lead Wires									
—	2 3/32 in	6 3/4 in	218	IP55	Fiberglass Reinforced Polypropylene	6 3/8 in	56	ebm-papst	40N387
—	3 1/8 in	9 7/8 in	442	IP55	Fiberglass Reinforced Polypropylene	9 3/8 in	55	ebm-papst	5AGC5
Square, 115/230V AC, Lead Wires									
3 3/8 in	1 1/2 in	—	86	IP65	Fiberglass Reinforced Plastic	3 3/4 in	55	ebm-papst	5AFY7
Square, 115V AC, Terminals									
4 1/32 in	2 3/8 in	—	15	IP54	PBT Plastic	3 3/8 in	—	Rittal	6YDK7
5 5/64 in	2 3/8 in	—	39	IP54	PBT Plastic	4 7/8 in	—	Rittal	6YDK8
8 in	4 1/2 in	—	71	IP54	PBT Plastic	7 in	—	Rittal	6YDK9
10 5/32 in	5 1/8 in	—	156	IP54	PBT Plastic	8 1/8 in	—	Rittal	6YDL1
10 5/32 in	5 1/8 in	—	106	IP54	PBT Plastic	8 1/8 in	—	Rittal	6YDL0
12 5/64 in	5 7/16 in	—	424	IP54	PBT Plastic	11 1/2 in	—	Rittal	6YDL3
12 5/64 in	5 7/16 in	—	353	IP54	PBT Plastic	11 1/2 in	—	Rittal	6YDL2
Square, 12V DC, Lead Wires									
4 1/16 in	1 1/4 in	—	100	IP68	PBT Plastic	4 3/8 in	45	ebm-papst	32MY89
Square, 230V AC, Terminals									
5 5/64 in	2 3/8 in	—	39	IP54	PBT Plastic	4 7/8 in	—	Rittal	6YDL5
8 in	4 1/2 in	—	71	IP54	PBT Plastic	7 in	—	Rittal	6YDL6
10 5/32 in	5 1/8 in	—	156	IP54	PBT Plastic	8 1/8 in	—	Rittal	6YDL8
12 5/64 in	5 7/16 in	—	353	IP54	PBT Plastic	11 1/2 in	—	Rittal	6YDL9
12 5/64 in	5 7/16 in	—	424	IP54	PBT Plastic	11 1/2 in	—	Rittal	6YDN0
Square, 24V DC, Lead Wires									
4 1/16 in	1 in	—	108	IP55	PBT Plastic	4 3/8 in	44.5	Dayton	31CC85
5 in	1 1/2 in	—	159	IP68	PBT Plastic	4 1/8 in	56	ebm-papst	32MY91
Square, 24V DC, Terminals									
4 1/16 in	1 1/2 in	—	134	IP68	Cast Aluminum	4 3/8 in	56	ebm-papst	32MY86
5 5/64 in	2 3/8 in	—	39	IP54	PBT Plastic	4 7/8 in	—	Rittal	6YDN2
8 in	4 1/2 in	—	71	IP54	PBT Plastic	7 in	—	Rittal	6YDN3
Square, 400/460V AC, Terminals									
12 5/64 in	5 7/16 in	—	424	IP54	PBT Plastic	11 1/2 in	—	Rittal	6YDN6

Compact Axial Fan Guards and Filters

These fan attachments are sized to fit compact axial fans and are used to block out debris to reduce the risk of damage to fans and enclosure components.

Axial Fan Guards—These grilles or grates provide a protective barrier for the blades. They deflect debris and keep objects from being inserted into the blades.

Axial Fan Guards With Filters—They combine a protective barrier for fan blades and a filtering media for cleaning air as it's pulled into a fan. They prevent dust and debris from building up on the fan blades and entering the enclosure.



4YD87



4YD78

Radiator Connection	D	Mounting Eye O.C.	Frame Material*	Brand	Mfr. Model	Item No.	Radiator Connection	D	Mounting Eye O.C.	Frame Material*	Brand	Mfr. Model	Item No.	
Round Axial Fan Guards														
6 3/4 in	1/4 in	(2) 6 3/8 in	Steel	Dayton	4YD91	4YD91	2 3/8 in	1/4 in	(4) 1 3/32 in	Plastic	Dayton	31CC58	31CC58	
9 in	3/8 in	(2) 6 3/8 in	Plastic	Dayton	3RP15	3RP15	3 3/8 in	3/8 in	(4) 2 1/16 in	Plastic	Dayton	31CC63	31CC63	
9 1/2 in	1/2 in	(4) 9 7/8 in	Wire	ebm-papst	35138-2-4039	6KYA6	4 1/16 in	1 3/32 in	(4) 4 3/8 in	Plastic	Dayton	31CC66	31CC66	
10 in	1/4 in	(4) 6 7/8 in	Steel	Dayton	4YD82	4YD82	Square EMF Compact Axial Fan Guard							
Round Axial Fan Guards With Filters														
6 3/4 in	3/8 in	(2) 6 3/8 in	Plastic	Dayton	3RP16	3RP16	4 1/16 in	1 3/32 in	(4) 4 3/8 in	Aluminum	Dayton	4YD78	4YD78	
Square Axial Fan Guards														
2 3/8 in	3/16 in	(4) 1 15/16 in	304 SS	Dayton	31CC73	31CC73	Round Axial Fan Replacement Filters							
3 1/8 in	1/4 in	(4) 2 13/16 in	Steel	Dayton	4YD96	4YD96	5 5/32 in	3/8 in	1/2 in	Polyurethane Foam	45	Dayton	4YD90	4YD90
3 1/8 in	1/4 in	(4) 2 13/16 in	Plastic	Dayton	31CC60	31CC60	Square Axial Fan Replacement Filters							
3 3/8 in	1/4 in	(4) 3 1/4 in	Steel	Dayton	2RTA5	2RTA5	3 1/8 in	3/8 in	1/2 in	—	30	Dayton	31CC59	31CC59
3 3/8 in	1/4 in	(4) 3 1/4 in	304 SS	Dayton	31CC75	31CC75	3 3/8 in	3/8 in	1/2 in	—	30	Dayton	31CC71	31CC71
3 3/8 in	1/2 in	(4) 4 1/4 in	Steel	Dayton	4YD87	4YD87	4 3/8 in	1/2 in	1/2 in	Polyurethane Foam	30	Dayton	31CC62	31CC62
4 1 1/8 in	1/4 in	(4) 4 1/4 in	304 SS	Dayton	31CC76	31CC76	4 3/8 in	1/2 in	1/2 in	—	45	Dayton	31CC65	31CC65
4 1 1/8 in	3/8 in	(4) 4 1/4 in	Plastic	Dayton	31CC64	31CC64	6 1/8 in	1 1/8 in	—	—	Rittal	3171100	2PVF3	
6 3/4 in	3/8 in	(2) 6 3/8 in	304 SS	Dayton	31CC77	31CC77	8 7/8 in	67/100 in	—	—	Rittal	3172100	2PVF8	
7 7/8 in	1 1/2 in	(4) 9 7/8 in	Wire	ebm-papst	78128-2-4039	6KXZ9	12 5/64 in	1 1/8 in	—	—	Rittal	3173100	2PVG3	
9 13/16 in	1 1/2 in	(4) 11 3/4 in	Wire	ebm-papst	9418-2-4039	6KYA0	* 304 SS = 304 Stainless Steel.							
10 in	1/4 in	(4) 6 7/8 in	304 SS	Dayton	31CC78	31CC78								

Square EMF Compact Axial Fan Guard—

Mounts to a fan housing to protect the fan blades, filter out contaminants, and shield against electromagnetic and radio frequency interference. Provides EMI-RFI shielding and is often used on enclosures that contain sensitive electronic components.

Axial Fan Replacement Filters—These sheets of filtering media remove debris and contaminants from the air as it's pulled into a fan. They prevent dust and debris from building up on the fan blades and entering the enclosure.