

ebm-papst FAN MOTORS

iQ motors 230V – High Efficiency

Airefrig Part Number	Watt Output	Maximum Size Fan Blade	Universal Mounts	Rotation	List Price Excl. GST
IQ3612	5-16	Ø 254mm x 28°	Bolts 2 @ 25mm Crs Bolts 2 @ 18mm Crs & Rear Threaded Holes 4 Holes @ 67.0 pcd 3 Holes @ 71.4 pcd	ACW	\$126.37
IQ3620	16-34	Ø 300mm x 22°		ACW	\$163.50
Q motors 230V					
M4Q045BD0138 *	5	Ø 200mm x 28°		ACW	\$66.06
M4Q045CA0375B01	10	Ø 254mm x 22°		ACW	\$79.69
M4Q045CF0175B01	16	Ø 254mm x 28°		ACW	\$89.34
M4Q045DA0575B01	23	Ø 300mm x 22°	ACW	\$99.42	
M4Q045EF0175B01	34	Ø 300mm x 34°	ACW	\$141.24	
M4Q045CA0172LYA	7	L/Temp c/w short lead & 3 pin plug - supermarkets	ACW	\$146.04	
M4Q045CA0172XX	7	L/Temp - moisture resist, long lead - supermarkets	ACW	\$158.20	
M4Q045EA1115	24	Twin Hub Mount Shafts & 4 Mount Brackets	ACW	\$139.90	



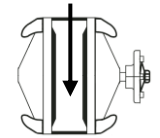
M4Q045EA1115

* Note: not available with Bolts 2 @ 18mm Crs.

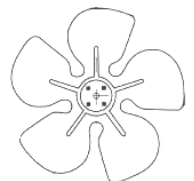
Fan Blades - Pressed Aluminium 4 Point Hub

Airefrig Part Number	List Price Excl. GST	Airefrig Part Number	List Price Excl. GST	Fan Blade Info		Suit Q & IQ Fan Motors								
"V flow" Fan Blade		"A flow" Fan Blade		Dia. (mm)	Pitch	IQ3612 5-16 watt	IQ3620 16-34 watt	5 watt	7 watt	10 watt	16 watt	23 watt	34 watt	
7380123634	P.O.A.	7376123634	P.O.A.	154	22°	✓		✓						
7380223634		7376223634		154	28°	✓		✓						
7380323634		7376323634		154	34°	✓		✓						
7380423634		7376423634		172	22°	✓		✓						
7380523634		7376523634		172	28°	✓		✓						
7380623634		7376623634		172	34°	✓		✓						
7380723634		7376723634		200	22°	✓		✓	✓					
7380823634		7376823634		200	28°	✓			✓					
7380923634		7376923634		200	34°	✓			✓					
7381023634		7377023634		230	22°	✓			✓	✓				
7381123634		7377123634		230	28°	✓				✓				
7381223634		7377223634		230	34°	✓				✓				
7381323634		7377323634		254	22°	✓	✓			✓	✓			
7381423634		7377423634		254	28°	✓	✓				✓			
7381523634		7377523634		254	34°		✓							
7381623634		7377623634		300	22°		✓						✓	✓
7381723634		7377723634		300	28°								✓	✓
7381823634		7377823634		300	34°									✓

ACW Motor Direction

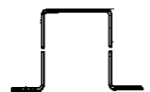


V ← Airflow → A



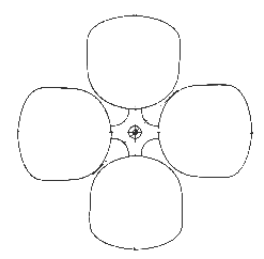
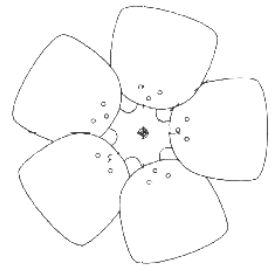
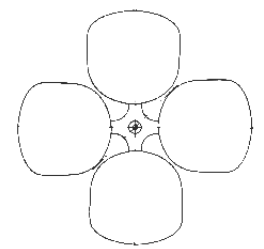
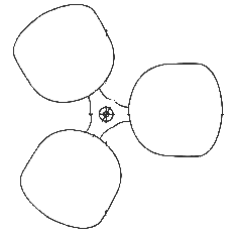
Mounting Brackets & Wall Rings

Airefrig Part Number	Description	List Price Excl. GST
7188124053	Mount Bracket	154mm Max Diameter Fan Blade
7188224053		172mm Max Diameter Fan Blade
7188324053		200mm Max Diameter Fan Blade
7188424053		254mm Max Diameter Fan Blade
5116624037	Wall ring to suit 'Q' Motors	'V' Flow Ø 300mm 22 Deg (Max fan)
5117424037		'A' Flow Ø 230mm 28 Deg (Max fan)
5254224037		'V' Flow Ø 154mm 34 Deg (Max fan)
5254424037		'V' Flow Ø 200mm 34 Deg (Max fan)
5254624037		'V' Flow Ø 254mm 28 Deg (Max fan)



FAN BLADES

Airefrig Part Number	Diameter		No Blades	Pitch Deg	Bore Inches	List Price Excl GST			
	mm	Inches							
FBP1782NY (Plastic)	178	7	3	25	3/16	\$9.94			
PU5178A30R05AA			5	30	5/16	\$35.13			
PS3203N30L05AA	203	8	3	30		5/16	P.O.A.		
PS3203N30R05AA			3	30	P.O.A.				
PU5203N30R05AA			5	30	\$36.78				
PU5203A30R05AA			5	30	P.O.A.				
PS3229N30L05AA			3	30	\$81.14				
PS3229N30R05AA	229	9	3	30	5/16	\$81.14			
PS3254N30L05AA			3	30		\$81.14			
PS4254A30R05AA	254	10	4	30	5/16	\$89.36			
PS4254A30L05AA			4	30		\$89.36			
PS4254N30R05AA			4	30		\$89.36			
PS4254N40L05AA			4	38		\$89.36			
PU5254A30R05AA			5	30		\$39.97			
PU5254N30R05AA			5	30		\$39.97			
PU5254N40R58AA			5	40		8mm	\$39.97		
PS3305A25R05AA			305	12		3	25	5/16	\$87.08
PS3305N25R05AA						3	25		\$87.08
PS3305N30L05AA						3	30		\$87.08
PM3356A20R05AA	356	14	3	20	5/16	P.O.A.			
PM3356N30R05AA			3	30		P.O.A.			
PM3356A30R09AA			3	30	9/16	\$106.54			
PM3356N30R09AA			3	30		\$106.54			
PM3356N30R10AA			3	30	5/8	\$106.54			
PM4356A35R05AA			4	35	5/16	\$105.90			
PM4356N35L05AA			4	35		P.O.A.			
PM4356N35L09AA			4	35	9/16	P.O.A.			
PM3406A20L09AA			3	20		P.O.A.			
PM3406N30R08AA			406	16	3	30	1/2	P.O.A.	
PM5406A40R08AA	5	40			\$168.78				
PH3508A20L09AA	508	20	3	20	9/16	\$173.50			
PH3508A20R12AA			3	20	3/4	P.O.A.			
PH3508N25L10AA			3	25	5/8	\$173.50			
PH3508A30R08AA			3	30	1/2	\$173.50			
PM5508A40R08AA			5	40		\$197.64			
PM5508A40R10AA			5	40	5/8	P.O.A.			
PH4610A20L08AA			610	24	4	20	1/2	P.O.A.	
PH4610A25L08AA					4	25		\$215.17	
PH4610A40L08AA	4	40			P.O.A.				
PH4610A40R08AA	4	40			\$215.17				
PH4610A40R10AA	4	40			5/8	\$215.17			



See next page for Fan Blade Nomenclature.

NOTE: More options available on request

FAN BLADES

Fan Blade Nomenclature for blades listed on previous page.

Part Number Code

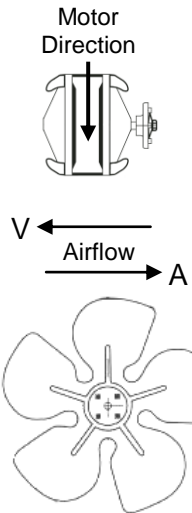
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1	Product Prefix	P	Propeller										
2	Fan Series	U	One Piece	S	Standard	M	Medium Duty	H	Heavy Duty				
										3, 4, 5 or 6			
3	Number of Paddles												
4,5,6	Diameter Millimetres												
7	Hub/ Boss Position	A	Away	Opposite side to discharge of propeller blade.									
		N	Near	Same side as discharge of propeller blade.									
8,9	Pitch			Pitch angle of blade.									
10	Direction of Rotation	L	Left Anti CW	with respect to discharge side of propeller blade.									
		R	Right	CW with respect to discharge side of propeller blade.									
11,12	Bore Size		Imperial		Metric								
			1/4"	04	6mm	56							
			5/16"	05	8mm	58							
			3/8"	06	10mm	60							
			1/2"	08	12mm	62							
			9/16"	09	14mm	64							
			5/8"	10	19mm	69							
			3/4"	12	20mm	70							
			1"	16	25mm	75							
13	Rivet Type	A	Steel										
14	Bore Type	A	Standard Bore, no keyway										

Pressed Aluminium 4 Point Hub Fan Blades

Airefrig Part Number	Diameter		No Blades	Pitch Deg	Airflow V or A	List Price Excl GST
	mm	Inches				
109211	172	6.8	5	28	V	\$12.73
PU5178W40R00AA	178	7	5	40		\$30.78
FBP190UWEFR *	190	7.5	5	25		\$10.34
PU5203W40R00AA	200	7.9	5	40		\$30.78
PU5203W40L00AA	200	7.9	5	40	A	\$28.56
PU5229W40L00AA	229	9	5	40		\$36.03
PU5229W40R00AA	229	9	5	40	V	\$36.03

(Plastic Blade *)



Universal Fan Blades (1 x blade will replace multiple blade options)

Airefrig Part Number	Multiple Blade Diameter Options	No Blades	Shaft Type	Pitch Deg °	Airflow V or A	List Price Excl GST
VFU612	6", 7", 8", 9", 10" & 12" snap off segments to achieve req diam.	5	5/16" or Hub Type	4x pitch options 20° to 40°	2x CW 2x CCW rotation options	\$113.75
VFU1626	16", 18", 20", 22", 24" & 26" snap off segments to achieve req diam.	4	1/2" or 5/8" with key slot	8x pitch options 12° to 48°	4x CW 4x CCW rotation options	\$371.00

(VFU blades are made from reinforced UV protected Poly Nylon, temp rating: -25 to +220°C)

