

# EBM-PAPST AC & DC Flatpaks® and Motorized Impellers ebmpapst



## S-FORCE RADIAL BLOWERS

### RL48DC Series

- 3-phase fan drive with high degree of smooth operation
- Fiberglass-reinforced plastic impeller
- High pressure build-up
- Fully integrated electronic commutation

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	ebm-papst Part No.	Fig.	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
Size: Dimensions (mm) $\phi$ 120 L x 54mm W													
5912-RER120-26142TDP	RER120-26/14/2TDP	A	24	221.9	78.0	6100	8.2	75	Ball	160.07	146.41	143.42	135.15
Size: Dimensions (mm) $\phi$ 120 L x 54mm W													
5912-RER120-26182TDP	RER120-26/18/2TDP	A	48	229.5	92.0	6300	8.2	75	Ball	169.00	153.94	150.81	142.11
Size: Dimensions (mm) $\phi$ 133 L x 91mm W													
5912-RER133-41182TDP	RER133-41/18/2TDP	A	48	332.4	87.0	6000	8.25	65	Ball	217.45	189.94	180.20	167.33
Size: Dimensions (mm) $\phi$ 175 L x 69mm W													
5912-RER175-42182TDM	RER175-42/18/2TDM	A	48	353.0	42.0	3400	7.3	65	Ball	170.15	164.00	159.03	154.35
Size: Dimensions (mm) $\phi$ 175 L x 69mm W													
5912-RER175-42182TDP	RER175-42/18/2TDP	A	48	576.8	166.0	5400	8.5	65	Ball	240.10	219.98	206.23	194.10
Size: Dimensions (mm) $\phi$ 190 L x 69mm W													
5912-RER190-45182TDP	RER190-45/18/2TDP	A	48	635.7	216.0	4600	7.9	65	Ball	250.50	228.23	223.57	210.67

## DC FLATPAK® RADIAL BLOWERS

### RL48DC Series

- Plastic spiral housing & blower
- Electronically commutated external rotor motor
- Termination: 12.2" leads

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Fig.	Dimensions: mm (L x W)	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
												1	5	10	25
5912-RL48-19/12	B		B	76 x 27	12	16.5	5.0	4400	51.0	70	Ball	35.98	32.09	31.12	29.56
5912-RL48-19/14	B		B	76 x 27	24	16.5	5.0	4400	51.0	70	Ball	34.48	32.76	30.60	29.09

### RL90DC Series

- DC brushless motor
- Mounts in any position for pressurizing or evacuating
- Termination: 12.2" leads

For quantities 50 and up, call for quote.

5912-RL90-18/14N	C		C	121 x 37	24	24.0	5.0	2500	58.0	75	Ball	58.86	55.36	52.58	49.13
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### RLF100 Series

- Plastic housing & blower wheel
- Electronically commutated external rotor motor
- Termination: 12.2" leads
- Protection against overloading & reverse polarity

For quantities 50 and up, call for quote.

5912-RLF100-11/18	D		D	127 x 25	48	37.7	17.0	5100	60.0	75	Ball	78.76	75.60	72.19	68.91
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## AC FLATPAK® RADIAL BLOWERS

- Shallow depth
- Mounts in any position for pressurizing, evacuating, or spot cooling

### RL90AC Series

- Termination: 12.2" leads

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Fig.	Dimensions: mm (L x W)	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
												1	5	10	25
5912-RL90-18/00	C		C	121 x 37	115	25	20.0	2550	60.0	60	Sintec	49.83	48.32	45.90	42.88

### RG90AC Series

- Termination: 13.4" leads

For quantities 50 and up, call for quote.

5912-RG90-18/06	E		E	135 x 38	115	28	22.0	1900	60.0	65	Ball	55.00	52.47	46.43	43.66
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### RG160AC Series

- Termination: 12.8" leads

For quantities 50 and up, call for quote.

5912-RG160-28/06S	F		F	220 x 56	115	131	50.0	3050	69.0	80	Ball	121.41	111.15	105.45	94.05
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## DC MOTORIZED IMPELLERS

### R1G133 Series

- DC brushless
- Termination: 17.7" leads
- Recommended inlet ring 9566-2-4013
- Plastic impeller

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Fig.	Dimensions: mm (L x W)	Voltage (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
												1	5	10	25
5912-R1G133-AA17-02	G		G	$\phi$ 133 x 60 Round	24	212	28.0	3900	63.0	60	Ball	196.78	190.82	181.28	169.35

### RER125DC Series

- DC brushless
- Termination: 15.7" leads
- Plastic impeller

For quantities 50 and up, call for quote.

5912-RER125-19/12N	G		G	$\phi$ 138 x 35 Round	12	65	4.5	2650	47.0	75	Ball	52.39	48.78	44.20	41.74
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### R1G175 Series - Backward Curved

- Plastic Impeller
- Termination: 17.7" leads
- Recommended Inlet Ring 9588-2-4013

For quantities 50 and up, call for quote.

5912-R1G175-AB41-02	G		G	$\phi$ 175 x 58	48	330	36.0	3100	65.0	60	Ball	212.16	206.63	193.05	183.53
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## AC MOTORIZED IMPELLERS

### RERAC Series

- Termination: 16.7" leads

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Fig.	Dimensions: mm (L x W)	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max Temp. (°C)	Bearing Type	Price Each			
												1	5	10	25
5912-RER125-19/06	G		G	$\phi$ 138 x 40	115	68	18.0	2850	65.0	70	Ball	60.77	53.90	46.78	42.83
5912-RER160-28/06S	G		G	$\phi$ 176 x 54	115	161	46.0	3250	68.0	70	Ball	106.55	95.03	92.16	87.54

### R2E220 Series

- Termination: 17.7" leads
- Recommended inlet ring 9609-2-4013

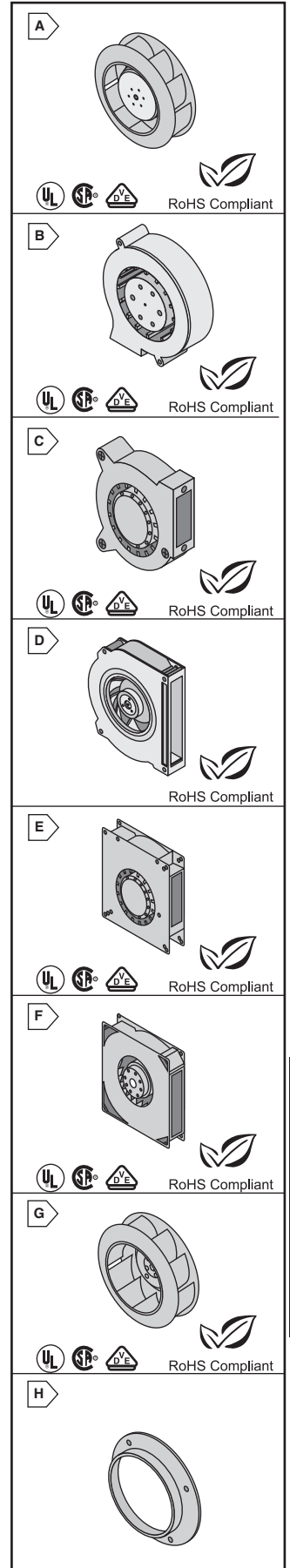
For quantities 50 and up, call for quote.

5912-R2E220-AA44-23	G		G	$\phi$ 220 x 71	115	500	96.0	2700	70.0	40	Ball	99.11	91.26	86.51	74.76
5912-R2E-220-AA40-23	G		G	$\phi$ 220 x 71	230	530	100.0	2550	74.0	40	Ball	79.86	75.48	75.02	74.76

## ACCESSORIES - INLET RINGS

For quantities 50 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Fig.	Impeller Number	Dimensions (in.) Max.			Price Each					
					A	B	C	1	5	10	25		
5912-9566-2-4013	H		H	133	5.08	3.43	0.51	6.61	6.32	6.00			
5912-9588-2-4013	H		H	175, 180, 190	7.28	5.12	0.67	10.89	10.31	10.02			
5912-9609-2-4013	H		H	220	9.96	6.10	0.79	18.03	16.50	14.99			



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Fans