

CPU Cooling Fans

Low Voltage dc



- High reliability - expected service life over 40,000 hours @ 60°C
- Reverse polarity and locked rotor protection
- Low operating noise
- For optimum performance it is recommended that a thermal interface material is used
- Note book cpu fan has pulse output sensor and requires thermally conductive adhesive or thermally conductive sheet for mounting
- Two wire connector lead available

Fans CPU Type	Dimensions H W D	Voltage V dc	Power Watts	Rth °C/W	Noise dBA @ 1m	Mftrs. List No.	Order Code
Note Book i486DX, i486SX, Intel DX2, DX4 Pentium 60/66/75/90/100/120/133/150 MHz	44.5 44.5 10	5	0.7	3.2	28	109P4405H9016	179-103
Pentium 75/90/100/120/133/150/166/200 MHz	45 45 18	12	0.84	1.7	27	109P4412H8026	179-127
Pentium Pro	50.8 50.8 30	12	0.72	0.97	28	109P5412H2026	179-139
	66 62 30	12	0.96	0.79	29	109P6612H2026	179-140

Mounting Clips for Zif Microprocessor Socket Type	Fan Order Code	Clip Order Code
3, 5, 6, and 7	179-127	179-164
5 and 7	179-139	179-218
8	179-140	179-280

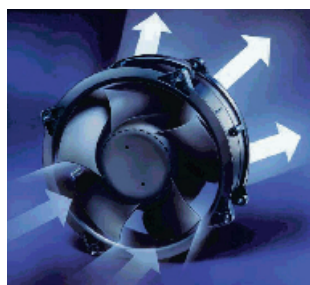
Fans Dimensions H W D	Voltage V dc	Order Code	1+	5+	10+	20+
44.5 44.5 10	5	179-103				
45 45 18	12	179-127				
50.8 50.8 30	12	179-139				
66 62 30	12	179-140				

Mounting Clips For fan size	Order Code
45 45 18	179-164
50.8 50.8 30	179-218
66 62 30	179-280

Flying Lead (300mm) 179-292

Mixed Flow Fans

Low voltage dc, 172mm and 200mm High Airflow Pressure

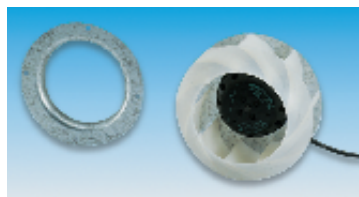


- Combines the structural features of axial and radial fans
- Generates greater static pressure than a standard axial fan
- Available in 172mm and 200mm diameter sizes
- Metal housing with glass reinforced plastic impeller
- Fully integrated commutation electronics, electronics protection against reverse polarity and blocking

Dimensions Dia D	Voltage	Power Watts	Air Flow Cu.ft./min	Noise dBA	Mftrs. List No.	Order Code
172 51	24V dc	37.0	317.8	149.9	63	DV6224 316-362
200 70	24V dc	36.0	376.7	177.7	59	2224 316-374

Dimensions Dia D	Voltage	Order Code	1+	10+	25+	50+	100+
172 51	24V dc	316-362					
200 70	24V dc	316-374					

Backward Curved Fans



- Ideal for sucking applications against pressure systems example: Extraction from hoods and cabinets
- Non-overloading characteristics
- Utilises external rotor motors
- Built-in thermal protection
- Maintenance-free ball bearings
- Operation possible without scroll

Impeller (mm)	Air flow (ls)	Noise level (dB)	Mftrs. List No.	Order Code
133	72	55	R2S133-AB03-05	702-5865
175	119	56	R2S175-AB56-01	702-5877
190	160	63	R2E190-AE77-05	702-5889
225	236	70	R2E225-AT51-05	702-5890
250	367	74	R2E250-AQ05-05	702-5907

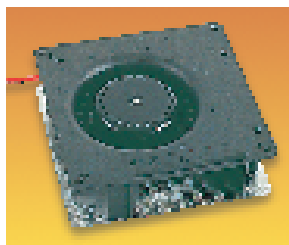
Supply 230V - Single Phase - 50Hz
Inlet ring and capacitor included with each unit

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Air Flow (ls)	Mftrs. List No.	Order Code	Price Each 1+	5+
72	R2S133-AB03-05	702-5865		
119	R2S175-AB56-01	702-5877		
160	R2E190-AE77-05	702-5889		
236	R2E225-AT51-05	702-5890		
367	R2E250-AQ05-05	702-5907		

Flatpack Fans

High Static Pressure for Crowded Enclosures



- Durable construction – fibreglass blower wheel and housing mounted on galvanised steel plate
- Electronic protection against reverse polarity and thermal overload
- Air flows into axis of rotation and exhausts through port on one edge
- Supplied with two connecting leads approx 300mm long with stripped and tinned ends
- Advanced ball bearing design for very long operational life, 121mm ac fans have sleeved bearings

Dimensions H W D	Voltage	Power Watts	Air Flow cu. ft./min.	ltrs./sec.	Noise dBA	Mftrs. List No.	Order Code
121 121 37	12V dc	5.5	23.5	11	58	RL90-18/12N	179-346
121 121 37	24V dc	5.0	23.5	11	58	RL90-18/14N	179-360
121 121 37	115Vac	19.5	24.7	11.7	56	RL90-18/00	311-1570
121 121 37	230Vac	20	23.5	11.1	56	RL90-18/50	311-1581
135 135 38	12V dc	6	32.4	15.02	55	RG90-18/12N	474-370
135 135 38	24V dc	5.5	32.4	15.2	55	RG90-18/14N	179-371
135 135 38	230V ac	22	31.8	15.0	58	RG90-18/56	474-393
180 180 38	12V dc	5	51.5	24.3	58	RG125-19/12N	719-780
180 180 38	24V dc	5	51.5	24.3	58	RG125-19/14N	179-437
220 220 56	12V dc	21	118.9	56.1	66	RG160-28/12	474-381
220 220 56	24V dc	20	122.9	57.9	66	RG160-28/14N	179-450
220 220 56	230V ac	47	118.9	56.1	66	RG160-28/56S	474-400

Operating temperature -20°C to +60°C

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Dimensions H W D	Voltage	Order Code	1+	10+	25+	50+	100+
121 121 37	12V dc	179-346					
121 121 37	24V dc	179-360					
121 121 37	115Vac	311-1570					
121 121 37	230Vac	311-1581					
135 135 38	12V dc	474-370					
135 135 38	24V dc	179-371					
135 135 38	230V ac	474-393					
180 180 40	12V dc	719-780					
180 180 40	24V dc	179-437					
220 220 56	12V dc	474-381					
220 220 56	24V dc	179-450					
220 220 56	230V ac	474-400					