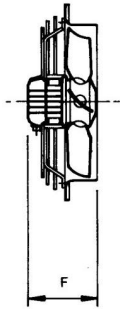
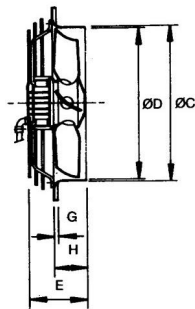
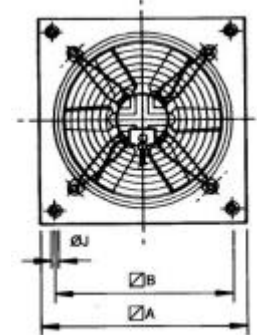




Plate Mounted Axial Fans Type HEP

TECHNICAL DATA

Standard Version
with Connection BoxVersion to order
without Connection Box

☒	A	B	C	D	E				F				G	H	J
					2T	4T	6T	8T	2T	4T	6T	8T			
HEP-25	330	275	262	260	162	152	-	-	196	186	-	-	11	55	10,5
HEP-31-... /H	400	336	311	308	185	165	-	-	219	199	-	-	11	82	10,5
HEP-31-... /L					-	155	-	-	189	-	-	-	-	-	-
HEP-35-... /L	465	390	363	360	205	175	-	-	239	209	-	-	11	86	10,5
HEP-35-... /H					-	165	-	-	199	-	-	-	-	-	-
HEP-40-... /H	532	452	413	410	-	173	168	-	-	215	210	-	11	105	10,5
HEP-40-... /L					-	168	-	-	210	-	-	-	-	-	-
HEP-45-... /H	596	504	463	460	-	183	173	-	-	225	215	-	11	105	10,5
HEP-45-... /L					-	168	-	-	210	-	-	-	-	-	-
HEP-50-... /H	665	562	517	514	-	193	183	-	-	235	225	-	11	115	10,5
HEP-50-... /L					-	173	-	-	215	-	-	-	-	-	-
HEP-56-... /H	710	630	563	560	-	209	199	-	-	251	241	-	15	115	10,5
HEP-56-... /L					-	199	-	-	241	-	-	-	-	-	-
HEP-63-... /H	800	710	638	635	-	270	209	199	-	329	251	241	15	140	10,5
HEP-63-... /L					-	229	199	-	271	241	-	-	-	-	-

Manufacturing Features

Fan:

- Sheet steel support frame.
- Motor support with safety guard, in compliance with DIN 24167 and UNE 20-359-74 standards.
- Polyamide 6 fibreglass-reinforced impeller; dynamically balanced unit in compliance with ISO 1940 standard.
- Epoxy resin powder anticorrosive finishing, zinc phosphate-treated and kiln-dried at 200°C.
- Supplied with connection box, or without box to order.

Motor

- A synchronous motors, with squirrel-cage rotor.
- Standard models supplied with three-phase 220-240/380-415V, 50 Hz motor.
- All motors are speed-adjustable, and can work at any shaft position.
- Class F insulation and IP55 protection.
- Standard models can operate at temperatures of between:
 - -25°C + 70°C 4-, 6- and 8-pole motors
 - -25°C + 45°C 2-pole motors.

Thermal Protection

All motors are fitted with thermal protection (Klixon) to prevent the motor from overheating.

Accessories

All models can be provided with the following accessories.

- Backdraught Shutters.
- Electronic control for manual speed regulation.
- Electronic control for automatic speed regulation.
- Discharge side fan guard.

ENCON AIR SYSTEMS LIMITED

31 Quarry Park Close, Moulton Park Ind Estate, Northampton NN3 6QB. Tel : (01604) 494187 Fax : (01604) 645848

Plate Mounted Axial Fans Type HEP

TECHNICAL DATA

Model	rpm	Max permissible current (Amp.)		Power input. free delivery W.	Max vol. flow rate V m11h	Noise level dB (A)	Approx. weight Kg.
		220-240 V.	380-415 V.				
HEP-25-2T/H	2620	0,93	0,54	250	2300	63	5,3
HEP-25-2M/H		1,38	-	285			
HEP-25-4T/H	1390	0,43	0,25	87	1250	50	4,5
HEP-25-4M/H		0,50	-	1100			
HEP-31-2T/H	2640	1,54	0,89	495	4000	73	7,0
HEP-31-2M/H		2,70	-	515			
HEP-31-4T/H	1370	1,50	0,29	115	2400	55	5,7
HEP-31-4M/H		0,68	-	140			
HEP-31-4T/L	1330	0,43	0,25	100	1950	53	5,1
HEP-31-4M/L		0,55	-	110			
HEP-35-2T/H	2675	2,42	1,40	650	6020	75	8.8
HEP-35-2M/H		3,80	-	690			
HEP-35-4T/H	1340	0,74	0,43	170	3500	58	7,1
HEP-35-4M/H		0,98	-	180			
HEP-35-4T/L	1380	0,52	0,30	110	2650	55	6,5
HEP-35-4M/L		0,63	-	115			
HEP-40-4T/H	1400	1,66	0,96	325	5200	61	10,6
HEP-40-4M/H		1,95	-	360			
HEP-40-4T/H	1420	1,03	0,60	220	4000	59	10.6
HEP-40-4M/L		1,70	-	260			
HEP-40-6T/H	960	1,12	0,65	150	3500	54	10.2
HEP-40-6M/H		1,06	-	180			
HEP-45-4T/H	1400	2,11	1.22	470	7300	66	12,5
HEP-45-4M/H		2,35	-	480			
HEP-45-4T/L	1360	1,21	0,70	315	5810	63	11,0
HEP-45-4M/L		1,90	-	360			
HEP-45-6T/H	955	1,41	0,82	210	4900	56	11,4
HEP-45-6M/H		1,40	-	225			
HEP-50-4T/H	1380	2,68	1,55	720	10150	69	15,0
HEP-50-4M/H		3,15	-				
HEP-50-4T/L	1370	1,69	0,98	430	7300	67	13,0
HEP-50-4M/L		2,30	-	430			
HEP-50-6T/H	950	1,38	0,80	240	6150	59	13.2
HEP-50-6M/H		1,38	-	245			
HEP-56-4T/H	1350	3,63	2,10	1050	12800	72	21,0
HEP-56-4M/H		4,66	-	1060			
HEP-56-4T/L	1350	2,77	1,60	BW	10900	68	19,0
HEP-56-4M/L		3,70	-	810			
HEP-56-6T/H	915	1,73	1,00	400	8250	62	17,0
HEP-56-6M/H		2,12	-	415			
HEP-63-4T/H	1415	6,92	4,00	1700	18700	82	25,8
HEP-63-4T/L	1375	5,01	2,90	1290	16500	75	23.0
HEP-63-4M/L		5,15	-	1295			
HEP-63-6T/H	905	2,06	1,19	500	12050	65	20.2
HEP-63-6M/H		2,70	-	560			
HEP-63-6T/L	945	1,62	0,94	360	9450	63	19.4
HEP-63-6M/L		1,80	-	360			
HEP-63-8T/H	700	1,90	1,10	325	8250	57	19.2
HEP-63-8M/H		1,89	-	325			

Model Code

HEP - 25 - 2 T / H

1 2 3 4 5

1 HEP = PLATE MOUNTED AXIAL FAN

2 IMPELLER DIA. IN Cms

3 SPEED REF/MOTOR POLES

2 = 2900 r./min. 50 Hz

4 = 1400 r./min. 50 Hz

6 = 900 r./min. 50 Hz

8 = 700 r./min. 50 Hz

4 T = THREE PHASE
M = SINGLE PHASE

5 BLADE PITCH ANGLE H = HIGH
L = LOW

Electrical Connection Operating Voltages and Frequencies

Coil winding	Motor connection in terminal box	Power Voltage	Speed
Single-phase 220-240 v 50 Hz		1x220-240 V. 50 Hz	High
Three-phase 220-240/380-415 V	△	3x220-240 V. 50 Hz	High
	Y	3x380-415 V. 50 Hz	High
	Y	3x220-240 V. 50 Hz	Low
Three-phase 380-415 V 50 Hz	△	3x380-415 V. 50 Hz	High
	Y	3x380-415 V. 50 Hz	Low