

AXIAL FANS AND ROOF-MOUNTED EXTRACT FANS

# HEP HEPT



**HEP: Wall-mounted axial fans with IP65 motors**

**HEPT: Tubular axial fans with IP65 motors**



HEP



HEPT

Wall-mounted axial (HEP) and tubular (HEPT) fans with reinforced plastic impeller made of fibreglass.

**Fan:**

- Airflow direction from motor to impeller.
- Fibreglass-reinforced polyamide-6 impeller.
- HEP: Sheet steel support frame.
- HEP: Anti-contact protective grille pursuant to standard UNE-EN ISO 12499.
- HEPT: Sheet steel tubular casing.
- HEPT: External junction box, IP65 protection.

**Motor:**

- Class F motors with ball bearings and IP65 protection.
- Single-phase 220-240V -50Hz, and three-phase 240V/380-415V-50Hz.
- Operating temperature: -25°C +60°C, 4-6-8-pole motors and -25°C +45°C, 2-pole motors.

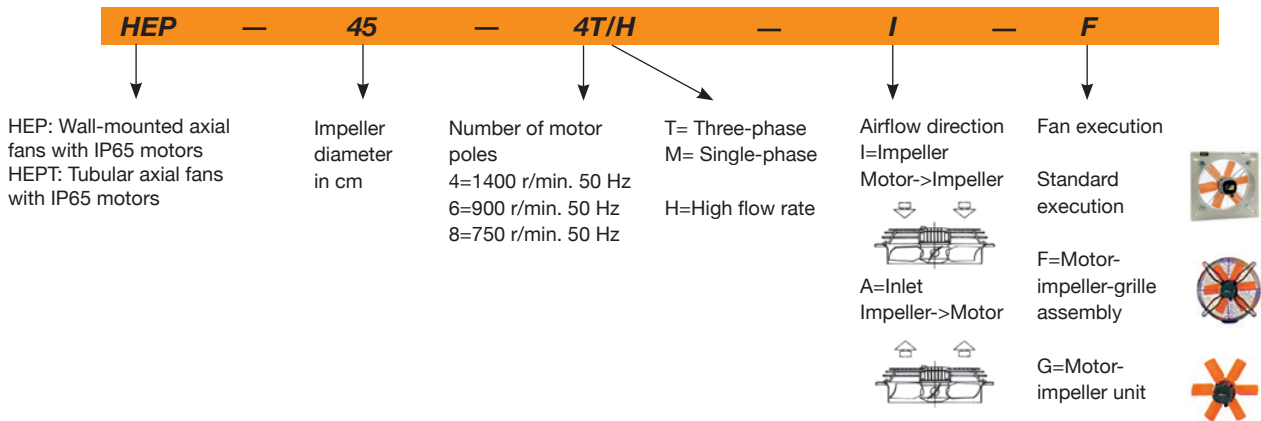
**Finish:**

- Anti-corrosive finish of polyester resin polymerised at 190°C, previously degreased with phosphate-free nanotechnological treatment.

**On request:**

- Motor, impeller and grille assembly (version F).
- Impeller motor unit (version G).
- Airflow direction from impeller to motor.
- Special windings for different voltages.

**Order code**



**Technical characteristics**

Model	Speed (r/min)	Maximum admissible current (A)		Power absorb. free discharge (W)	Maximum flow rate (m³/h)	Noise level dB(A)	Approx. weight (kg)		According to ErP
		220-240V	380-415V				HEP	HEPT	
HEP-25-2T/H -	2780	1.30	0.75	265	2300	64	5.3	-	2015
HEP-25-2M/H -	2750	1.95	-	345	2300	64	5.3	-	2015
HEP-25-4T/H -	1450	0.69	0.40	85	1250	52	4.5	-	Excluded
HEP-25-4M/H -	1440	0.65	-	95	1250	52	4.5	-	Excluded
HEP-31-2T/H HEPT-31-2T/H	2640	1.54	0.89	400	4000	74	7.0	7.4	2015
HEP-31-2M/H HEPT-31-2M/H	2640	2.30	-	410	4000	74	7.0	7.4	2015
HEP-31-4T/H HEPT-31-4T/H	1410	0.69	0.40	115	2400	55	5.7	6.2	Excluded
HEP-31-4M/H HEPT-31-4M/H	1410	0.75	-	130	2400	55	5.7	6.2	Excluded
HEP-35-2T/H HEPT-35-2T/H	2790	2.16	1.25	550	6020	76	8.8	9.4	2015
HEP-35-2M/H HEPT-35-2M/H	2675	2.80	-	560	6020	76	8.8	9.4	2015
HEP-35-4T/H HEPT-35-4T/H	1340	0.74	0.43	155	3500	58	7.1	7.6	2015

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		220-240V	380-415V				HEP	HEPT		
HEP-35-4M/H	HEPT-35-4M/H	1340	0.98	-	160	3500	58	7.1	7.6	2015
HEP-40-4T/H	HEPT-40-4T/H	1420	2.10	1.20	245	5200	61	10.6	13.5	2015
HEP-40-4M/H	HEPT-40-4M/H	1400	1.85	-	355	5200	61	10.6	13.5	2015
HEP-40-6T/H	HEPT-40-6T/H	960	1.12	0.65	155	3500	54	10.2	13.5	Excluded
HEP-40-6M/H	HEPT-40-6M/H	960	1.06	-	185	3500	54	10.2	13.5	Excluded
HEP-45-4T/H	HEPT-45-4T/H	1400	2.11	1.22	475	7300	66	12.5	15.5	2015
HEP-45-4M/H	HEPT-45-4M/H	1400	2.35	-	490	7300	66	12.5	15.5	2015
HEP-45-6T/H	HEPT-45-6T/H	955	1.42	0.82	215	4900	56	11.4	15.5	2015
HEP-45-6M/H	HEPT-45-6M/H	955	1.40	-	225	4900	56	11.4	15.5	Excluded
HEP-50-4T/H	HEPT-50-4T/H	1420	3.10	1.80	740	10150	69	15.0	18.0	2015
HEP-50-4M/H	HEPT-50-4M/H	1380	3.35	-	710	10150	69	15.0	18.0	2015
HEP-50-6T/H	HEPT-50-6T/H	950	1.38	0.80	205	6150	59	13.2	18.0	2015
HEP-50-6M/H	HEPT-50-6M/H	950	1.38	-	215	6150	59	13.2	18.0	2015
HEP-56-4T/H	HEPT-56-4T/H	1350	3.63	2.10	870	12800	72	21.0	28.0	2015
HEP-56-4M/H	HEPT-56-4M/H	1350	5.26	-	895	12800	72	21.0	28.0	2015
HEP-56-6T/H	HEPT-56-6T/H	915	1.73	1.00	325	8250	62	17.0	28.0	2015
HEP-56-6M/H	HEPT-56-6M/H	915	2.12	-	450	8250	62	17.0	28.0	2015
HEP-63-4T/H	HEPT-63-4T/H	1415	6.92	4.00	1400	18700	82	25.8	33.5	2015
HEP-63-6T/H	HEPT-63-6T/H	905	2.06	1.19	405	12050	65	20.2	33.5	2015
HEP-63-6M/H	HEPT-63-6M/H	905	2.70	-	540	12050	65	20.2	33.5	2015



**Erp. (Energy Related Products)**

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

**Acoustic characteristics**

The indicated values are determined by measuring the pressure and sound power levels in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the impeller diameter, with a minimum of 1.5 m.

Noise power spectrum Lw(A) in dB(A) frequency band in [Hz]

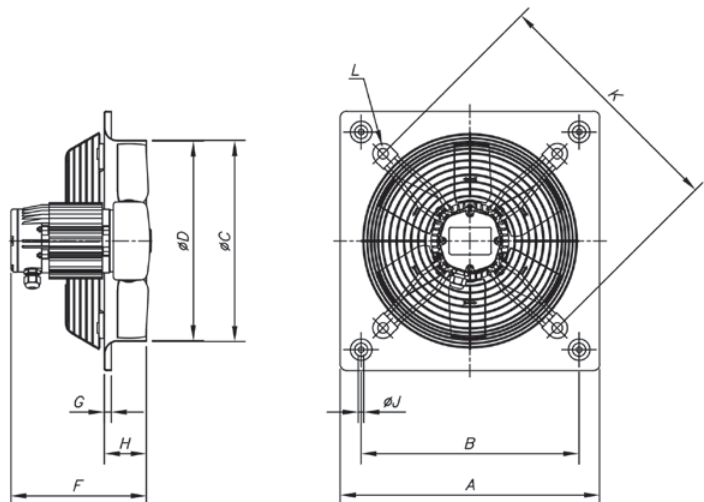
Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
25-2/H	39	52	64	68	70	70	66	58	45-4/H	43	57	69	72	74	75	71	62
25-4/H	27	40	52	56	58	58	54	46	45-6/H	33	47	59	62	64	65	61	52
31-2/H	49	62	74	78	80	80	76	68	50-4/H	46	60	72	75	77	78	74	65
31-4/H	30	43	55	59	61	61	57	49	50-6/H	36	50	62	65	67	68	64	55
35-2/H	51	64	76	80	82	82	78	70	56-4/H	49	63	75	78	80	81	77	68
35-4/H	33	46	58	62	64	64	60	52	56-6/H	39	53	65	68	70	71	67	58
40-4/H	36	49	61	65	67	67	63	55	63-4/H	61	75	87	90	92	92	89	80
40-6/H	29	42	54	58	60	60	56	48	63-6/H	44	58	70	73	75	75	72	63

**Dimensions mm**

HEP								
Model	A	B	ØC	ØD	2T	F	4T	6T
HEP-25	330	275	262	260	233	233	-	-
HEP-31.../H	400	336	310.5	308	229	229	-	-
HEP-35.../H	465	390	362.5	360	236	236	-	-
HEP-40.../H	532	452	412.5	410	-	273	305	-
HEP-45.../H	596	504	462.5	460	-	281	218	-
HEP-50.../H	665	562	516.5	514	-	302	254	-
HEP-56.../H	710	630	563	560	-	333	266	-
HEP-63.../H	800	710	638	635	-	340	276	-

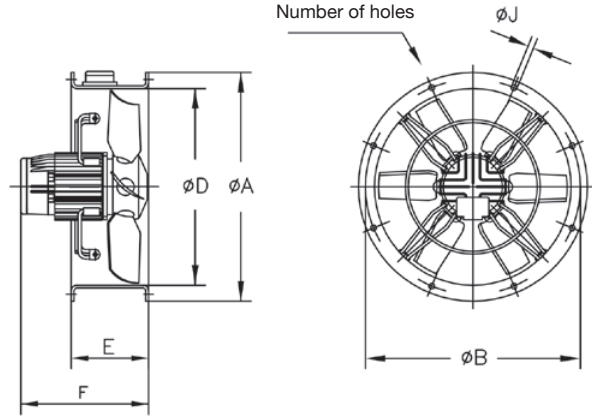
Model	G	H	ØJ	K	L
HEP-25	11	56	8.5	310	M8
HEP-31.../H	11	65	8.5	380	M8
HEP-35.../H	11	76	10.5	450	M8
HEP-40.../H	11	97.5	10.5	500	M8
HEP-45.../H	11	105	10.5	560	M8
HEP-50.../H	11	115	10.5	640	M8
HEP-56.../H	15	115	10.5	721	M8
HEP-63.../H	16.5	140	10.5	820	M8



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**Dimensions mm**

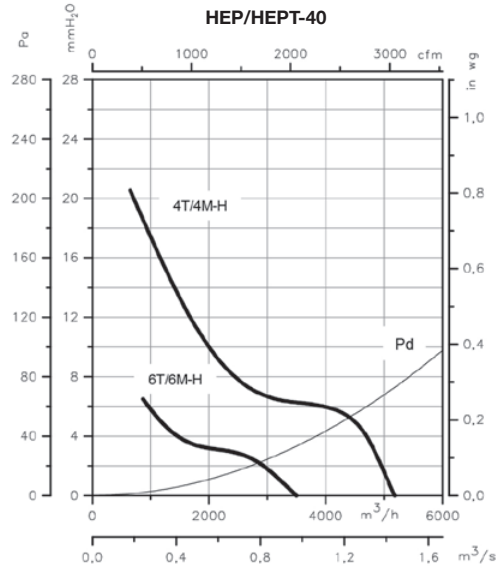
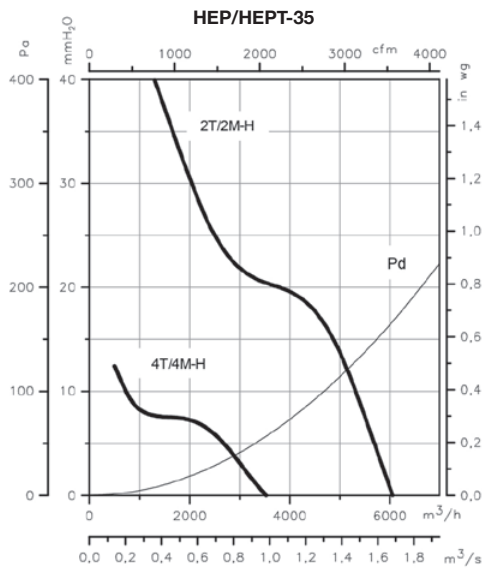
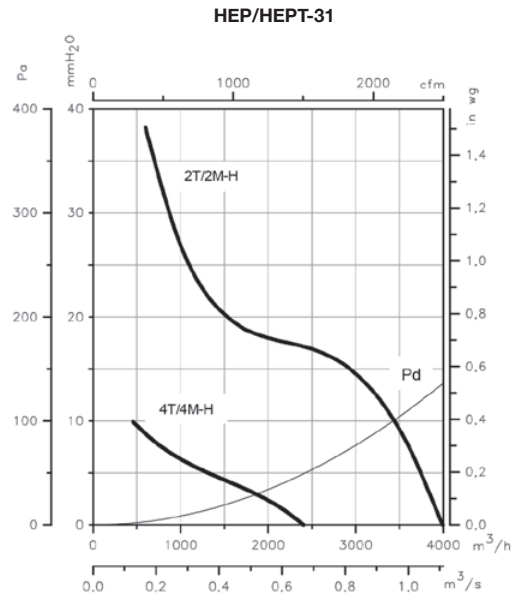
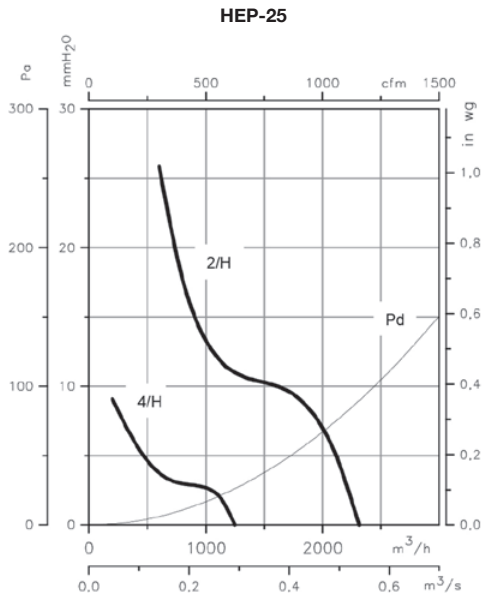
HEPT							
Model	øA	øB	øD	F	E	øJ	Number of holes
HEPT-31-2T	385	355	308	235.5	200	10	8
HEPT-31-2M	385	355	308	244.5	200	10	8
HEPT-31-4	385	355	308	225.5	200	10	8
HEPT-35-2	425	395	360	246.5	220	10	8
HEPT-35-4	425	395	360	227.5	220	10	8
HEPT-40	490	450	410	233.5	220	12	8
HEPT-45	540	500	460	233.5	220	12	8
HEPT-50-4	600	560	514	248	230	12	12
HEPT-50-6	600	560	514	230	230	12	12
HEPT-56	660	620	560	278	260	12	12
HEPT-63	730	690	635	350	350	12	12



**Characteristic curves**

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

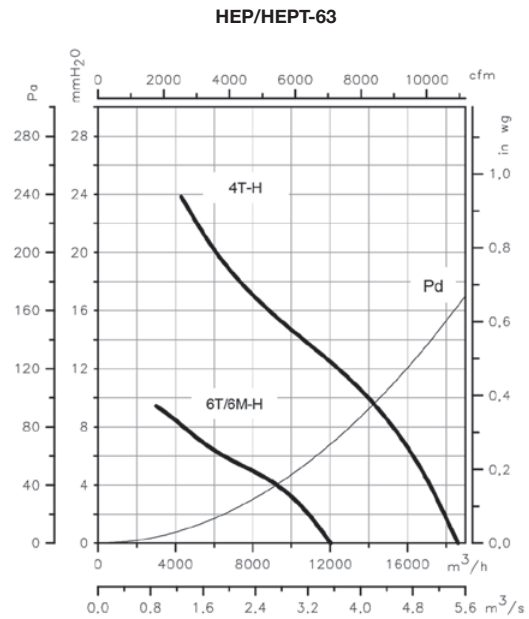
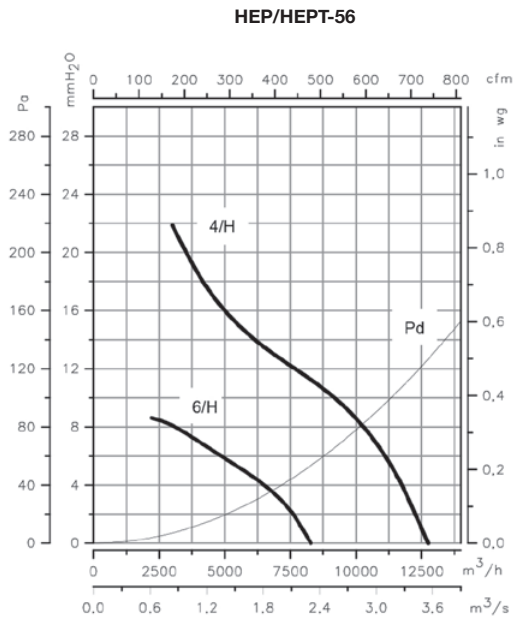
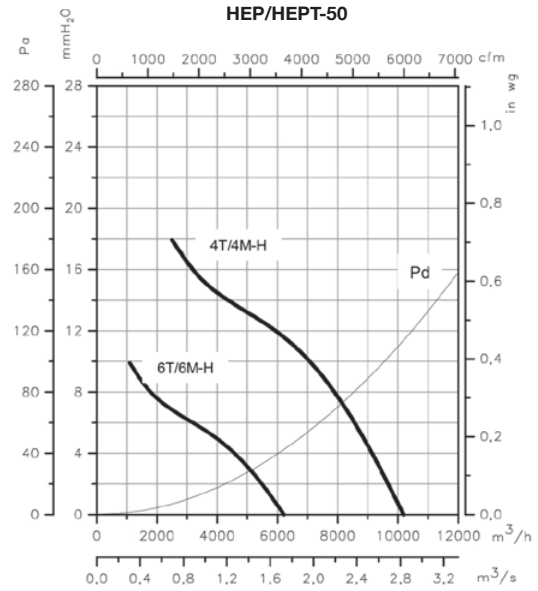
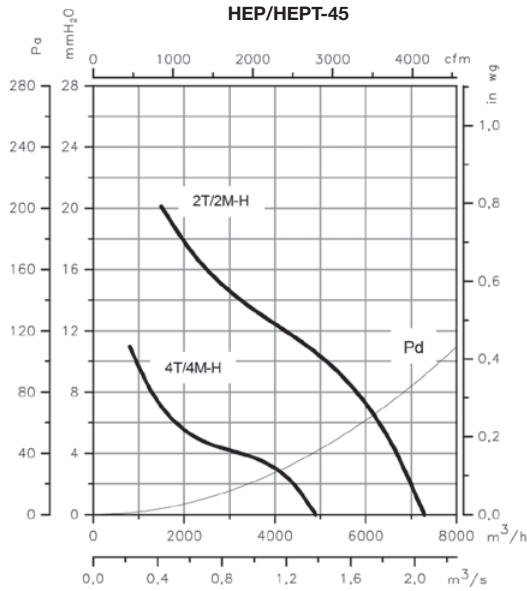
Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg.



**Characteristic curves**

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Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg.



**Accessories**

See accessories section.

