

HTE

AXIAL ROOF FANS



GENERAL FEATURES:

Range of 5 fan models, from Ø 350 to Ø 560, provided with single phase and three phase 4 and 6 pole motors. Air-flow from 2.700 m³/h to 11.500 m³/h. Maximum working temperature of 45°C in single phase models and 50°C in three phase models.

MANUFACTURING FEATURES:

- Roof cowl made of reinforced fibreglass.
- Roof base support and bird protection grid with epoxy powder finishing coat.
- Polyamide impeller with variable pitch angle reinforced with fibreglass.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS:

Specially designed for roof installation, HTE fans are suitable for:

- General ventilation in buildings, shops and industries.
- Smoke extraction.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor).
- 60Hz fans and special voltages.

SINGLE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P. €
			230	400					
267300103	HTE 35 M4 1/6	1.450	0,88	-	0,11	2.700	60	15	651,10
267310103	HTE 40 M4 1/3	1.360	2,06	-	0,25	4.500	65	21	691,30
267350103	HTE 45 M4 1/2	1.330	2,77	-	0,37	6.300	66	28	851,20
267410103	HTE 50 M4 3/4	1.320	5,5	-	0,55	8.900	70	35	1.011,90
267440103	HTE 56 M4 1	1.330	4,38	-	0,75	10.700	71	42	1.101,30
267460103	HTE 56 M6 1/3	880	3	-	0,25	6.700	68	41	1.113,40

THREE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P. €
			230	400					
267300106	HTE 35 T4 1/6	1.450	0,73	0,42	0,11	2.700	60	15	637,30
267310106	HTE 40 T4 1/3	1.450	1,4	0,81	0,25	4.500	65	21	687,20
267350106	HTE 45 T4 1/2	1.360	1,82	1,05	0,37	6.300	66	28	818,80
267410106	HTE 50 T4 3/4	1.410	2,45	1,42	0,55	8.900	70	35	997,20
267440106	HTE 56 T4 1	1.400	3,67	2,12	0,75	10.700	71	42	1.077,40
267450106	HTE 56 T4 1,5	1.400	4,65	2,69	1,1	11.500	72	43	1.083,50
267460106	HTE 56 T6 1/3	880	1,89	1,09	0,25	6.700	68	41	1.098,80

ACCESSORIES



REG



RFS



INT



PE



BTI



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TLR

HMTE

AXIAL ROOF FANS



GENERAL FEATURES:

Range of 10 fan models, from Ø 250 to Ø 900, provided with single phase 2 and 4 pole motors and three phase 2, 4 and 6 pole motors. Air-flow from 900 m³/h to 41.000 m³/h. Maximum working temperature of 45°C in single phase models and 50°C in three phase models.

APPLICATIONS:

Specially designed for roof installation, HMTE fans are suitable for:

- General ventilation in buildings, shops and industries.
- Smoke extraction.

MANUFACTURING FEATURES:

- Roof cowl made of reinforced fibreglass.
- Roof base support and bird protection grid with epoxy powder finishing coat.
- Polyamide impeller with variable pitch angle reinforced with fibreglass.
- Protection grid in compliance with the **ROHS 2002/95 Directive**.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz for three phase motors, up to 5,5HP and 400/690V 50Hz for higher powers.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor), 100% reversible impeller; cast aluminium impellers.
- 60Hz fans and special voltages.
- 2 speed motors.
- Assembled with flameproof and explosionproof HM ATEX fans.
- Ho-dipped galvanised and stainless steel housing.

SINGLE PHASE RANGE

Code	Model	R.P.M. max.	Max. Current (A)		O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P. €
			230	400					
269070103	HMTE 25 M2 1/7	2.825	0,7	-	0,1	1.700	70	12	624,40
269270103	HMTE 25 M4 1/10	1.410	0,32	-	0,08	900	55	12	625,10
269100103	HMTE 30 M2 1/2	2.850	1,6	-	0,37	2.700	71	16	642,00
269290103	HMTE 30 M4 1/7	1.450	0,5	-	0,1	1.400	56	14	634,10
269310103	HMTE 35 M4 1/7	1.450	0,88	-	0,1	2.700	60	17	703,20
269330103	HMTE 40 M4 1/3	1.420	2,06	-	0,25	1.420	64	20	843,30

THREE PHASE RANGE

Code	Model	R.P.M. max.	Max Current			O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P. €
			230	400	690					
269070106	HMTE 25 T2 1/6	2.820	0,45	0,26	-	0,1	1.700	70	12	615,00
269270106	HMTE 25 T4 1/10	1.450	0,35	0,2	-	0,075	900	55	12	618,50
269100106	HMTE 30 T2 1/2	2.800	1	0,6	-	0,37	2.700	71	16	618,10
269290106	HMTE 30 T4 1/7	1.450	0,6	0,35	-	0,1	1.400	56	14	626,70
269140106	HMTE 35 T2 1/2	2.800	1,97	1,14	-	0,37	4.800	77	17	698,20
269310106	HMTE 35 T4 1/7	1.450	0,73	0,42	-	0,1	2.700	60	16	694,10
269150106	HMTE 40 T2 1,5	2.820	5,01	2,9	-	1,1	5.300	80	23	906,10
269330106	HMTE 40 T4 1/3	1.450	1,4	0,81	-	0,25	1.450	64	20	831,20
269160106	HMTE 45 T2 2	2.860	6,61	3,82	-	1,5	9.000	84	30	990,50
269350106	HMTE 45 T4 1/2	1.420	1,82	1,05	-	0,37	5.300	69	28	910,90
269380106	HMTE 56 T4 3/4	1.400	2,45	1,42	-	0,55	9.000	72	36	1.054,00
269320106	HMTE 56 T6 1/3	880	1,89	1,09	-	0,25	6.100	62	36	1.022,20
269400106	HMTE 63 T4 1,5	1.400	4,65	2,69	-	1,1	12.300	74	53	1.278,80
269430106	HMTE 71 T4 2	1.420	6,46	3,73	-	1,5	17.000	80	61	1.415,90
269420106	HMTE 80 T4 4	1.400	11,78	6,8	-	3	22.500	83	101	1.978,20
269440106	HMTE 90 T4 4	1.420	11,78	6,8	-	3	33.000	87	115	2.002,20
269450106	HMTE 90 T4 7,5	1.460	-	12,8	7,3	5,5	41.000	89	115	2.171,60
269460106	HMTE 90 T6 2	940	7,31	4,22	-	1,5	21.000	77	113	2.560,20



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ACCESSORIES

HTR/HTRE

AXIAL ROOF FANS (Speed controllable / Static)



GENERAL FEATURES:

Range of 3 different size fan models, from external Ø 570 to external Ø 920, provided with three phase 4,6,8 pole motors. Air-flow from 1.912 m³/h to 32760 m³/h.

MANUFACTURING FEATURES:

Completely manufactured in galvanised steel sheet.
Polyamide impeller with variable pitch angle reinforced with fibreglass.
0% standard inclination.

HTR RANGE:

Bird protection grid included.
Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

HTRE RANGE:

Completely manufactured in galvanised steel sheet.
Polyamide impeller with variable pitch angle reinforced with fibreglass.
Static fans, i.e. with no electrical motor (minimum air speed requested to start the fan: 2,5 m/sec).
Bird protection grid included.

APPLICATIONS:

Specially designed for roof installation, HTR/HTRE fans are suitable for:

- General ventilation in buildings, shops and industries.
- Smoke extraction.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor), 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.
- 2 speed motors.
- Flameproof and explosionproof fans with ATEX certified motors and 3-meter RVFV 4x2, 5mm core cable.
- Custom pitch according to roof slope.

Type A

Model 570: de 0% a 18%

Model 740: de 0% a 15%

Type B

Model 570: de 19% a 38%

Model 740: de 15% a 30%

- Fan inclination under customer's request.
- Fans with self-adjustable base support, up to a 38% maximum slope.
- Motorised damper with registered motor in IP-65 box to avoid heat loss in winter, .
- "Double channel" function to exhaust air in blind ceilings or workshops and save ENERGY.
- Laquered or stainless steel finishing coat.

HTR

Code	Model	R.P.M. max.	O. Power Kw	Air Flow m ³ /h	Sound dB (A)	Weight Kg.	R.R.P. €
300287400	HTR 570 T4	1.270	0,55	11.800	72	52	1.359,40
300287500	HTR 570 T6	845	0,25	8.400	60	52	1.374,00
300287600	HTR 570 M8	695	0,09	6.150	55	52	1.374,00
300287700	HTR 740 T6	950	1,1	22.500	70	67	2.252,70
300287800	HTR 740 T8	770	0,55	17.200	63	67	2.252,70
300287900	HTR 920 T6	920	2,2	32.760	81	89	3.340,80
300345400	HTR-A 570 T4	1.270	0,55	11.800	72	52	1.457,00
300359800	HTR-A 570 T6	845	0,25	8.400	60	52	1.457,00
300349400	HTR-A 570 M8	695	0,09	6.150	55	52	1.519,40
	HTR-A 740 T6	950	1,1	22.500	70	67	2.297,90
300360100	HTR-A 740 T8	770	0,55	17.200	63	67	2.297,90
	HTR-B 570 T4	1.270	0,55	11.800	72	52	1.457,00
300346100	HTR-B 570 T6	845	0,25	8.400	60	52	1.457,00
	HTR-B 570 M8	695	0,09	6.150	55	52	1.519,40
	HTR-B 740 T6	950	1,1	22.500	70	67	2.297,90
300433800	HTR-B 740 T8	770	0,55	17.200	63	67	2.297,90

HTRE

Code	Model	Air Flow m ³ /h	Weight Kg.	R.R.P. €
300288000	HTRE 570	1.912	52	899,80
300288100	HTRE 740	3.225	67	985,90
300288200	HTRE 920	4.987	89	1.386,30



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RFS



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ACCESSORIES

CTNH-CTNV CENTRIFUGAL ROOF FANS



GENERAL FEATURES:

Range of 10 different fan size models, from 05 to 100, provided with single phase 4 and 6 pole and three phase 4, 6, 8 pole motors and 2 SPEED MOTORS. Air-flow from 750 m³/h to 18.000 m³/h and pressure up to 60mm wg. Maximum working temperature of 80°C in continuous.
CTNH: horizontal discharge
CTNV: vertical discharge

MANUFACTURING FEATURES:

- Roof cowl made of reinforced fibreglass.
- Roof base support and bird protection grid made of galvanised steel sheet.
- High Efficiency backward curved impellers made of galvanised steel sheet.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors, 230/400V 50Hz in three phase motors and 400V in 2 SPEED MOTORS.

APPLICATIONS:

Specially designed for roof installation, they are suitable for:

- General ventilation in buildings, shops and industries.
- Smoke extraction
- Industrial and domestic Kitchen cooker hoods.

UNDER REQUEST:

- 60Hz fans and special voltages.
- Flameproof and explosionproof fans with ATEX certified motors.
- Aluminium sheet impeller.

SINGLE PHASE RANGE

Model	R.P.M. max.	Max. Current (A) 230 400	O. Power Kw	Air Flow m3/h	Sound dB (A)	Weight Kg.	R.R.P. € CTNH	R.R.P. € CTNV	
CTNH 05 M4 1/5**	1.320	1,4	-	0,12	1.150	52	16	444,10	576,70
CTNH 05 M6 1/7	910	0,92	-	0,09	750	42	16	433,30	569,10
CTNH 20 M4 1/4**	1.300	1,74	-	0,18	1.800	58	20	621,10	704,00
CTNH 20 M6 1/7	910	0,92	-	0,09	1.100	49	20	556,00	644,00
CTNH 30 M4 1/3**	1.360	2,06	-	0,25	3.050	61	28	714,80	808,70
CTNH 30 M6 1/4	950	1,6	-	0,18	2.000	51	28	736,60	866,50
CTNH 40 M4 1/2**	1.350	2,77	-	0,37	4.050	62	34	758,20	866,50
CTNH 40 M6 1/4	950	1,6	-	0,18	2.650	52	34	801,50	888,20
CTNH 50 M4 1**	1.390	5,8	-	0,75	5.450	67	45	982,10	1.039,80
CTNH 50 M6 1/2	950	2,7	-	0,37	3.600	57	45	989,30	1.054,20

THREE PHASE RANGE

Model	R.P.M. max.	Max. Current (A) 230 400		O. Power Kw	Air Flow m³/h	Sound dB (A)	W. Kg.	R.R.P. € CTNH	R.R.P. € CTNV
CTNH 05 T4 1/5	1.320	0,88	0,51	0,12	1.150	52	16	413,40	524,20
CTNH 05 T6 1/7	850	1,2	0,7	0,09	750	42	16	421,70	539,20
CTNH 20 T4 1/4	1.300	1,22	0,71	0,18	1.800	58	20	524,20	606,50
CTNH 20 T6 1/7	850	1,22	0,71	0,09	1.100	49	20	563,90	613,80
CTNH 30 T4 1/3	1.380	1,6	0,93	0,25	3.050	61	28	619,30	714,80
CTNH 30 T6 1/4	820	1,36	0,79	0,18	2.000	51	28	632,80	729,40
CTNH 40 T4 1/2	1.360	2,05	1,19	0,37	4.050	62	34	675,40	751,00
CTNH 40 T6 1/4	820	1,36	0,79	0,18	2.650	52	34	671,70	777,20
CTNH 50 T4 1	1.400	3,73	2,16	0,75	5.450	67	45	849,90	969,80
CTNH 50 T6 1/2	940	2,09	1,21	0,37	3.600	57	45	828,30	954,80
CTNH 60 T4 1,5	1.400	4,86	2,81	1,1	7.600	70	54	966,00	1.100,70
CTNH 60 T6 1/2	940	2,09	1,21	0,37	5.100	59	54	932,20	1.048,30
CTNH 70 T6 1	920	3,82	2,21	0,75	6.900	63	63	1.246,90	1.258,00
CTNH 70 T8 1/2	700	2,76	1,6	0,37	5.500	56	63	1.319,50	1.355,30
CTNH 80 T6 1,5	910	5,06	2,93	1,1	10.700	67	82	1.455,00	1.707,20
CTNH 80 T8 3/4	690	4,06	2,35	0,55	8.300	59	82	1.487,50	1.752,40
CTNH 90 T6 3	960	9,03	5,22	2,2	13.800	72	103	1.785,90	1.924,40
CTNH 90 T8 1,5	700	5,79	3,35	1,1	10.900	63	103	1.874,90	2.110,50
CTNH 100 T6 4	960	11,93	6,9	3	18.000	76	115	2.119,10	2.209,50
CTNH 100 T8 3	720	10,20	5,9	2,2	14.300	66	115	2.231,20	2.367,60

NOTE: THE MARK ** IS FOR FANS FULLY CONTROLLABLE BY VOLTAGE

THREE PHASE RANGE 2 SPEEDS

Model	R.P.M. max.	Max. Current (A)(400V)			O. Power Kw	Air Flow m³/h	Sound dB (A)	W. Kg.	R.R.P. € CTNH	R.R.P. € CTNV
		1500	1000	750						
CTNH 40 T4/T6 1/2-1/4	1.400/900	1,19	0,79	-	0,37/0,18	4.050/2.650	62/52	34	807,50	926,90
CTNH 50 T4/T6 1-1/2	1.400/900	2,16	1,21	-	0,75/0,37	5.420/3.600	67/57	45	1.028,30	1.115,20
CTNH 60 T4/T6 1,5-1/2	1.400/900	2,81	1,21	-	1,1/0,37	7.600/5.100	70/59	54	1.310,40	1.475,60
CTNH 60 T6/T8 1/2-1/4	940/690	-	1,21	0,8	0,37/0,18	5.100/3.850	59/54	54	1.141,50	1.291,60
CTNH 70 T6/T8 1-1/2	920/700	-	2,21	1,6	0,75/0,37	6.900/5.500	63/56	63	1.628,50	1.655,90
CTNH 80 T6/T8 1,5-3/4	910/690	-	2,93	2,35	1,1/0,55	10.700/8.300	67/59	82	1.868,30	2.013,10
CTNH 90 T6/T8 3-1,5	960/700	-	5,22	3,35	2,2/1,1	13.800/10.900	72/63	103	2.136,20	2.237,60
CTNH 100 T6/T8 4-3	960/720	-	6,9	5,9	3/2,2	18.000/14.300	76/66	115	2.997,90	3.150,30

ACCESSORIES



REG



RFS



INT



PE



OMCT



CBW



TLR

VULCAN

CENTRIFUGAL ROOF FANS



ALUMINUM



COPPER



STEEL

GENERAL FEATURES:

Centrifugal roof fan suitable for civil use for chimney. It is very easy to install thanks to the supporting frame to roof. Maximum air-flow of 1.000 m³/h. Maximum working temperature from -20°C to 200°C in continuous.

MANUFACTURING FEATURES:

- Bird protection grid included.
- Manufactured with standard voltages: 230V/50Hz.
- Structure in galvanized steel, external parts in three options:
VULCAN ST: galvanized steel
VULCAN AL: anodized aluminum
VULCAN CO: copper

APPLICATIONS:

They are specially designed for smoke extraction up to 200°C in chimneys and barbecues, as well as local exposed to smoke, dust or odours.

SINGLE PHASE RANGE

Model	R.P.M. max.	Supply	O. Power Kw	Air Flow m³/h	Sound dB (A)	Weight Kg.	R.R.P. €
VULCAN-ST	1.400	230V - 50Hz	0,09	1.000	50	18	540,00
VULCAN-AL	1.400	230V - 50Hz	0,09	1.000	50	18	770,00
VULCAN-CO	1.400	230V - 50Hz	0,09	1.000	50	18	965,00



REG

ACCESSORIES