

THT/HATCH

400°C/2h and 300°C/2h rated dynamic discharge system with motorised opening function, fitted with roof mounted extractor, for smoke exhaust in the event of fire



Dynamic discharge systems with roof-mounted extract fans and motorised opening function. Specially designed for the fast, effective exhaust of harmful smoke and gases in the event of fire. Suitable for installation in industrial or commercial buildings. Approved in accordance with standard EN 12101-3, with F400 and F300 certificate. The rapid smoke extract permits the efficient intervention of fire fighters, fast evacuation of people and prevents new sources of fire and greater structural damage to the building. Can also be used for ambient ventilation in the buildings in which it is installed.

Fan:

- An extremely robust structure that is able to withstand severe weather changes.
- Equipment structure made of anti-corrosive galvanised sheet steel.
- Designed to ensure watertightness.
- 100 mm thick thermal insulation for the hatch and 60 mm for the sides.
- Adaptable skirting for correct, easy installation on the roof.
- Maintenance switches for actuator and fan disconnection with auxiliary contacts.
- Roof mounted extract fans with F400 certificate no. 0370-CPR-1827 and F300 certificate no. 0370-CPR-0973.
- Tubular casing in sheet steel with polyester resin anti-corrosive treatment.
- Adjustable cast aluminum impeller.

Opening system:

- Motorised opening arm, with encapsulated IP65 mechanism.
- Supply voltage at 230 V AC 50/60 Hz.
- System reinforced and guaranteed with more than 11,000 cycles.
- Snow load SL 1000.
- Automatic opening by external signal from the control system (fire control panel, smoke detector ...). Control systems not included in the supply.
- Limit switches in both positions (open and closed).

Motor:

- Class H motors for S1 continuous operation and S2 emergency use. With ball bearings and IP55 protection.
- IE3 efficiency motors.
- Three-phase 230/400 V 50 Hz (up to 3 kW) and 400/690 V 50 Hz (powers greater than 3 kW).
- Maximum temperature of air to be carried: S1 -25 °C +40 °C continuous service, also suitable for warm climates with temperatures up to 50 °C. S2 operation, 300 °C/2h, 400 °C/2h.

Finish:

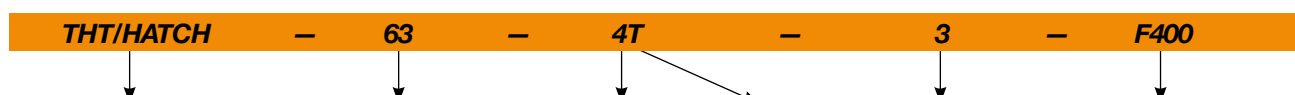
- Anti-corrosive in galvanized steel sheet.

On request:

- Polyester resin anti-corrosive paint finish.
- Motorised opening arms with supply voltage of 24 V DC.
- Protection grille against contact according to UNE-EN ISO 12499 for inlet and/or outlet.

Order code

From size 40 to size 100



THT/HATCH: 400°C/2h and 300°C/2h rated dynamic discharge system with motorised opening function, fitted with roof mounted extractor, for smoke exhaust in the event of fire

Impeller diameter in cm

Number of motor poles
2=3000 r/min 50 Hz
4=1500 r/min 50 Hz
6=1000 r/min 50 Hz

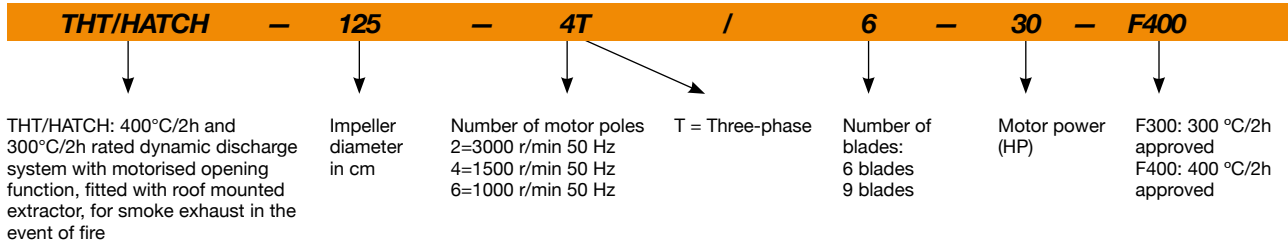
T = Three-phase

Motor power (HP)

F300: 300 °C/2h approved
F400: 400 °C/2h approved

Order code

Size 125



Technical characteristics

| Model | Speed (r/min) | Maximum admissible current (A) | | | Installed power (kW) | Blade tilt angle (°) | Maximum flow rate (m³/h) | Sound pressure level ¹ dB (A) | | Approx. weight (Kg) |
|----------------------------|------------------|--------------------------------|-------|-------|-------------------------|-------------------------|-----------------------------|---|---------|------------------------|
| | | 230V | 400V | 690V | | | | Inlet | Exhaust | |
| THT/HATCH-40-2T-1 IE3 | 2850 | 2.76 | 1.59 | | 0.75 | 16 | 6100 | 62 | 62 | 184 |
| THT/HATCH-40-2T-1.5 IE3 | 2880 | 3.93 | 2.26 | | 1.10 | 20 | 7040 | 61 | 61 | 188 |
| THT/HATCH-45-2T-2 IE3 | 2880 | 4.91 | 2.84 | | 1.50 | 16 | 9400 | 61 | 61 | 193 |
| THT/HATCH-45-2T-3 IE3 | 2840 | 7.14 | 4.13 | | 2.20 | 22 | 11325 | 61 | 61 | 194 |
| THT/HATCH-50-2T-4 IE3 | 2880 | 9.61 | 5.52 | | 3.00 | 16 | 13860 | 66 | 66 | 206 |
| THT/HATCH-56-2T-5.5 IE3 | 2870 | | 7.20 | 4.17 | 4.00 | 16 | 18820 | 68 | 68 | 226 |
| THT/HATCH-56-2T-7.5 IE3 | 2910 | | 10.10 | 5.80 | 5.50 | 22 | 22510 | 68 | 68 | 237 |
| THT/HATCH-63-4T-3 IE3 | 1425 | 7.86 | 4.52 | | 2.20 | 32 | 22170 | 58 | 58 | 262 |
| THT/HATCH-63-4T-4 IE3 | 1430 | 11.01 | 6.33 | | 3.00 | 38 | 24240 | 59 | 59 | 271 |
| THT/HATCH-63-6T-1 IE3 | 940 | 3.36 | 1.93 | | 0.75 | 38 | 15890 | 48 | 48 | 252 |
| THT/HATCH-80-4T-3 IE3 | 1425 | 7.86 | 4.52 | | 2.20 | 12 | 25460 | 65 | 65 | 280 |
| THT/HATCH-80-4T-4 IE3 | 1430 | 11.01 | 6.33 | | 3.00 | 16 | 30270 | 64 | 64 | 289 |
| THT/HATCH-80-4T-5.5 IE3 | 1440 | | 7.95 | 4.61 | 4.00 | 18 | 32770 | 63 | 63 | 295 |
| THT/HATCH-80-4T-7.5 IE3 | 1460 | | 10.40 | 6.04 | 5.50 | 26 | 39640 | 63 | 63 | 311 |
| THT/HATCH-80-6T-1.5 IE3 | 945 | 4.73 | 2.72 | | 1.10 | 18 | 21470 | 53 | 53 | 279 |
| THT/HATCH-80-6T-2 IE3 | 945 | 6.25 | 3.62 | | 1.50 | 26 | 25970 | 54 | 54 | 288 |
| THT/HATCH-90-4T-7.5 IE3 | 1460 | | 10.40 | 6.04 | 5.50 | 18 | 46140 | 67 | 67 | 392 |
| THT/HATCH-90-4T-10 IE3 | 1460 | | 14.20 | 8.17 | 7.50 | 22 | 50140 | 66 | 66 | 403 |
| THT/HATCH-90-4T-15 IE3 | 1460 | | 20.70 | 11.99 | 11.00 | 30 | 59390 | 68 | 68 | 456 |
| THT/HATCH-90-6T-3 IE3 | 950 | 9.78 | 5.62 | | 2.20 | 24 | 34000 | 56 | 56 | 365 |
| THT/HATCH-90-6T-4 IE3 | 970 | 12.80 | 6.36 | | 3.00 | 30 | 38910 | 59 | 59 | 391 |
| THT/HATCH-100-4T-10 IE3 | 1460 | | 14.20 | 8.17 | 7.50 | 16 | 57420 | 69 | 69 | 413 |
| THT/HATCH-100-4T-15 IE3 | 1460 | | 20.70 | 11.99 | 11.00 | 22 | 66300 | 69 | 69 | 466 |
| THT/HATCH-100-4T-20 IE3 | 1460 | | 27.80 | 16.03 | 15.00 | 28 | 76160 | 70 | 70 | 481 |
| THT/HATCH-100-4T/9-25 IE3 | 1475 | | 35.40 | 20.39 | 18.50 | 26 | 70620 | 69 | 69 | 535 |
| THT/HATCH-100-4T/9-30 IE3 | 1475 | | 42.20 | 24.44 | 22.00 | 30 | 74840 | 71 | 71 | 552 |
| THT/HATCH-100-6T-5.5 IE3 | 970 | | 8.37 | 4.82 | 4.00 | 26 | 47780 | 60 | 60 | 413 |
| THT/HATCH-100-6T-7.5 IE3 | 970 | | 12.30 | 7.07 | 5.50 | 32 | 53520 | 62 | 62 | 420 |
| THT/HATCH-125-4T/6-25 IE3 | 1465 | | 35.40 | 20.39 | 18.50 | 14 | 92550 | 76 | 76 | 746 |
| THT/HATCH-125-4T/6-30 IE3 | 1470 | | 42.20 | 24.44 | 22.00 | 16 | 98830 | 75 | 75 | 760 |
| THT/HATCH-125-4T/6-40 IE3 | 1475 | | 53.30 | 31.02 | 30.00 | 22 | 117450 | 75 | 75 | 841 |
| THT/HATCH-125-4T/6-50 IE3 | 1480 | | 66.80 | 38.70 | 37.00 | 26 | 131050 | 75 | 75 | 889 |
| THT/HATCH-125-4T/9-25 IE3 | 1465 | | 35.40 | 20.39 | 18.50 | 10 | 79650 | 77 | 77 | 755 |
| THT/HATCH-125-4T/9-30 IE3 | 1470 | | 42.20 | 24.44 | 22.00 | 12 | 88290 | 76 | 76 | 769 |
| THT/HATCH-125-4T/9-40 IE3 | 1475 | | 53.30 | 31.02 | 30.00 | 16 | 104040 | 75 | 75 | 850 |
| THT/HATCH-125-4T/9-50 IE3 | 1480 | | 66.80 | 38.70 | 37.00 | 20 | 118400 | 75 | 75 | 898 |
| THT/HATCH-125-6T/6-5.5 IE3 | 970 | | 8.37 | 4.82 | 4.00 | 10 | 51500 | 67 | 67 | 611 |
| THT/HATCH-125-6T/6-7.5 IE3 | 970 | | 12.30 | 7.07 | 5.50 | 14 | 60640 | 65 | 65 | 618 |
| THT/HATCH-125-6T/6-10 IE3 | 960 | | 15.20 | 8.83 | 7.50 | 20 | 72650 | 64 | 64 | 643 |
| THT/HATCH-125-6T/6-15 IE3 | 955 | | 22.50 | 13.07 | 11.00 | 26 | 85850 | 64 | 64 | 673 |

Technical characteristics

| Model | Speed (r/min) | Maximum admissible current (A) | | | Installed power (kW) | Blade tilt angle (°) | Maximum flow rate (m³/h) | Sound pressure level ¹ dB (A) | | Approx. weight (Kg) |
|---------------------------|------------------|--------------------------------|-------|-------|-------------------------|-------------------------|-----------------------------|---|---------|------------------------|
| | | 230V | 400V | 690V | | | | Inlet | Exhaust | |
| THT/HATCH-125-6T/6-20 IE3 | 950 | | 29.00 | 16.78 | 15.00 | 30 | 92850 | 66 | 66 | 746 |
| THT/HATCH-125-6T/9-10 IE3 | 960 | | 15.20 | 8.83 | 7.50 | 14 | 63490 | 67 | 67 | 652 |
| THT/HATCH-125-6T/9-15 IE3 | 955 | | 22.50 | 13.07 | 11.00 | 20 | 77550 | 65 | 65 | 682 |
| THT/HATCH-125-6T/9-20 IE3 | 950 | | 29.00 | 16.78 | 15.00 | 26 | 92950 | 65 | 65 | 755 |

¹ The noise level values are pressures in dB(A) measured at a distance of 10 metres in a free field.

Technical characteristics of the dynamic exhaust system based on standards EN-12101-3 and EN-12101-2

| Model | Approval (°C) | Motor insulation class | Durability | Temperature room temperature (°C) | Wind load (Pa) | Snow load (Pa) |
|-----------|------------------|------------------------|------------|--------------------------------------|-------------------|-------------------|
| THT/HATCH | F300 and F400 | Class H | RE 11000 | -25 | WL 200 | SL 1000 |



Erp. (Energy Related Products)

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

Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band

Values measured at inlet with maximum flow rate

| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|------------|----|-----|-----|-----|------|------|------|------|
| 40-2-1 | 48 | 64 | 76 | 84 | 89 | 87 | 83 | 76 |
| 40-2-1.5 | 47 | 63 | 75 | 83 | 88 | 86 | 82 | 75 |
| 45-2-2 | 47 | 60 | 74 | 86 | 87 | 86 | 82 | 74 |
| 45-2-3 | 47 | 64 | 74 | 81 | 88 | 86 | 83 | 75 |
| 50-2-4 | 58 | 74 | 84 | 91 | 92 | 89 | 88 | 89 |
| 56-2-5.5 | 53 | 66 | 84 | 92 | 94 | 93 | 88 | 81 |
| 56-2-7.5 | 53 | 66 | 84 | 92 | 94 | 93 | 88 | 81 |
| 63-4-3 | 56 | 68 | 77 | 83 | 83 | 83 | 77 | 69 |
| 63-4-4 | 57 | 69 | 78 | 84 | 84 | 84 | 78 | 70 |
| 63-6-1 | 49 | 59 | 69 | 73 | 74 | 72 | 65 | 57 |
| 80-4-3 | 55 | 71 | 84 | 91 | 91 | 88 | 82 | 74 |
| 80-4-4 | 54 | 70 | 83 | 90 | 90 | 87 | 81 | 73 |
| 80-4-5.5 | 53 | 69 | 82 | 89 | 89 | 86 | 80 | 72 |
| 80-4-7.5 | 53 | 69 | 82 | 89 | 89 | 86 | 80 | 72 |
| 80-6-1.5 | 53 | 68 | 75 | 78 | 79 | 76 | 70 | 62 |
| 80-6-2 | 59 | 69 | 75 | 79 | 80 | 78 | 73 | 65 |
| 90-4-7.5 | 59 | 75 | 86 | 92 | 93 | 91 | 86 | 78 |
| 90-4-10 | 58 | 74 | 85 | 91 | 92 | 90 | 85 | 77 |
| 90-4-15 | 60 | 76 | 87 | 93 | 94 | 92 | 87 | 79 |
| 90-6-3 | 52 | 67 | 78 | 82 | 82 | 78 | 71 | 63 |
| 90-6-4 | 60 | 70 | 80 | 85 | 85 | 82 | 76 | 68 |
| 100-4-10 | 64 | 80 | 87 | 94 | 95 | 93 | 89 | 81 |
| 100-4-15 | 71 | 83 | 87 | 93 | 94 | 94 | 91 | 83 |
| 100-4-20 | 72 | 84 | 88 | 94 | 95 | 95 | 92 | 84 |
| 100-4/9-25 | 71 | 83 | 87 | 93 | 94 | 94 | 91 | 83 |
| 100-4/9-30 | 73 | 85 | 89 | 95 | 96 | 96 | 93 | 85 |
| 100-6-5.5 | 57 | 72 | 82 | 85 | 86 | 83 | 75 | 67 |
| 100-6-7.5 | 59 | 74 | 84 | 87 | 88 | 85 | 77 | 69 |
| 125-4/6-25 | 68 | 84 | 95 | 102 | 103 | 101 | 94 | 86 |
| 125-4/6-30 | 67 | 83 | 94 | 101 | 102 | 100 | 93 | 85 |
| 125-4/6-40 | 67 | 83 | 94 | 101 | 102 | 100 | 93 | 85 |
| 125-4/6-50 | 67 | 83 | 94 | 101 | 102 | 100 | 93 | 85 |
| 125-4/9-25 | 67 | 81 | 94 | 102 | 104 | 101 | 96 | 88 |
| 125-4/9-30 | 66 | 80 | 93 | 101 | 103 | 100 | 95 | 87 |
| 125-4/9-40 | 65 | 79 | 92 | 100 | 102 | 99 | 94 | 86 |
| 125-4/9-50 | 65 | 79 | 92 | 100 | 102 | 99 | 94 | 86 |

Values measured at exhaust with maximum flow rate

| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|------------|----|-----|-----|-----|------|------|------|------|
| 40-2-1 | 48 | 64 | 76 | 84 | 89 | 87 | 83 | 76 |
| 40-2-1.5 | 47 | 63 | 75 | 83 | 88 | 86 | 82 | 75 |
| 45-2-2 | 47 | 60 | 74 | 86 | 87 | 86 | 82 | 74 |
| 45-2-3 | 47 | 64 | 74 | 81 | 88 | 86 | 83 | 75 |
| 50-2-4 | 58 | 74 | 84 | 91 | 92 | 89 | 88 | 89 |
| 56-2-5.5 | 53 | 66 | 84 | 92 | 94 | 93 | 88 | 81 |
| 56-2-7.5 | 53 | 66 | 84 | 92 | 94 | 93 | 88 | 81 |
| 63-4-3 | 56 | 68 | 77 | 83 | 83 | 83 | 77 | 69 |
| 63-4-4 | 57 | 69 | 78 | 84 | 84 | 84 | 78 | 70 |
| 63-6-1 | 49 | 59 | 69 | 73 | 74 | 72 | 65 | 57 |
| 80-4-3 | 55 | 71 | 84 | 91 | 91 | 88 | 82 | 74 |
| 80-4-4 | 54 | 70 | 83 | 90 | 90 | 87 | 81 | 73 |
| 80-4-5.5 | 53 | 69 | 82 | 89 | 89 | 86 | 80 | 72 |
| 80-4-7.5 | 53 | 69 | 82 | 89 | 89 | 86 | 80 | 72 |
| 80-6-1.5 | 53 | 68 | 75 | 78 | 79 | 76 | 70 | 62 |
| 80-6-2 | 59 | 69 | 75 | 79 | 80 | 78 | 73 | 65 |
| 90-4-7.5 | 59 | 75 | 86 | 92 | 93 | 91 | 86 | 78 |
| 90-4-10 | 58 | 74 | 85 | 91 | 92 | 90 | 85 | 77 |
| 90-4-15 | 60 | 76 | 87 | 93 | 94 | 92 | 87 | 79 |
| 90-6-3 | 52 | 67 | 78 | 82 | 82 | 78 | 71 | 63 |
| 90-6-4 | 60 | 70 | 80 | 85 | 85 | 82 | 76 | 68 |
| 100-4-10 | 64 | 80 | 87 | 94 | 95 | 93 | 89 | 81 |
| 100-4-15 | 71 | 83 | 87 | 93 | 94 | 94 | 91 | 83 |
| 100-4-20 | 72 | 84 | 88 | 94 | 95 | 95 | 92 | 84 |
| 100-4/9-25 | 71 | 83 | 87 | 93 | 94 | 94 | 91 | 83 |
| 100-4/9-30 | 73 | 85 | 89 | 95 | 96 | 96 | 93 | 85 |
| 100-6-5.5 | 57 | 72 | 82 | 85 | 86 | 83 | 75 | 67 |
| 100-6-7.5 | 59 | 74 | 84 | 87 | 88 | 85 | 77 | 69 |
| 125-4/6-25 | 68 | 84 | 95 | 102 | 103 | 101 | 94 | 86 |
| 125-4/6-30 | 67 | 83 | 94 | 101 | 102 | 100 | 93 | 85 |
| 125-4/6-40 | 67 | 83 | 94 | 101 | 102 | 100 | 93 | 85 |
| 125-4/6-50 | 67 | 83 | 94 | 101 | 102 | 100 | 93 | 85 |
| 125-4/9-25 | 67 | 81 | 94 | 102 | 104 | 101 | 96 | 88 |
| 125-4/9-30 | 66 | 80 | 93 | 101 | 103 | 100 | 95 | 87 |
| 125-4/9-40 | 65 | 79 | 92 | 100 | 102 | 99 | 94 | 86 |
| 125-4/9-50 | 65 | 79 | 92 | 100 | 102 | 99 | 94 | 86 |

Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band

Values measured at inlet with maximum flow rate

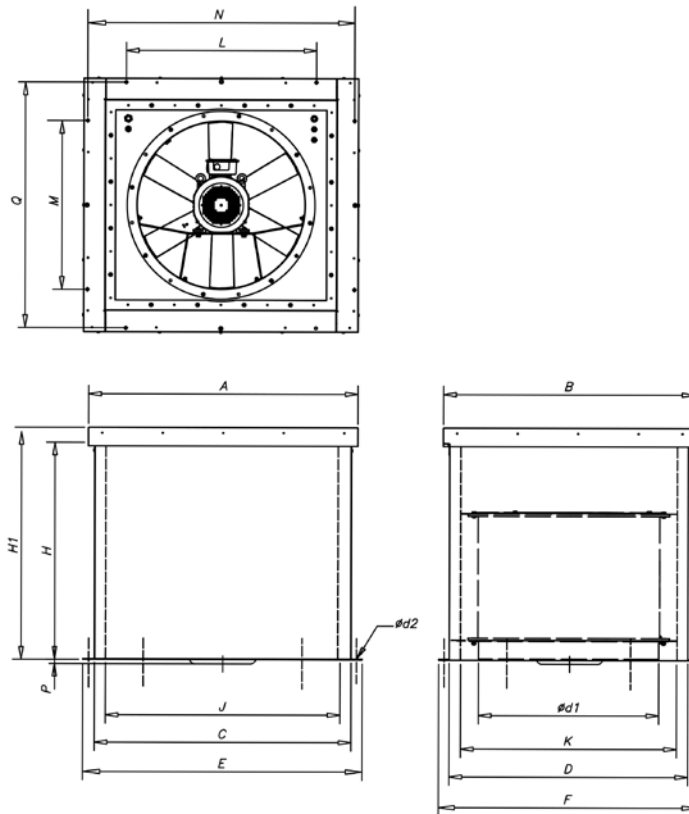
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|-------------|----|-----|-----|-----|------|------|------|------|
| 125-6/6-5.5 | 64 | 79 | 89 | 92 | 93 | 90 | 85 | 77 |
| 125-6/6-7.5 | 62 | 77 | 87 | 90 | 91 | 88 | 83 | 75 |
| 125-6/6-10 | 61 | 76 | 86 | 89 | 90 | 87 | 82 | 74 |
| 125-6/6-15 | 61 | 76 | 86 | 89 | 90 | 87 | 82 | 74 |
| 125-6/6-20 | 63 | 78 | 88 | 91 | 92 | 89 | 84 | 76 |
| 125-6/9-10 | 61 | 76 | 87 | 93 | 94 | 88 | 84 | 77 |
| 125-6/9-15 | 59 | 74 | 85 | 91 | 92 | 86 | 82 | 75 |
| 125-6/9-20 | 59 | 74 | 85 | 91 | 92 | 86 | 82 | 75 |

Values measured at exhaust with maximum flow rate

| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|-------------|----|-----|-----|-----|------|------|------|------|
| 125-6/6-5.5 | 64 | 79 | 89 | 92 | 93 | 90 | 85 | 77 |
| 125-6/6-7.5 | 62 | 77 | 87 | 90 | 91 | 88 | 83 | 75 |
| 125-6/6-10 | 61 | 76 | 86 | 89 | 90 | 87 | 82 | 74 |
| 125-6/6-15 | 61 | 76 | 86 | 89 | 90 | 87 | 82 | 74 |
| 125-6/6-20 | 63 | 78 | 88 | 91 | 92 | 89 | 84 | 76 |
| 125-6/9-10 | 61 | 76 | 87 | 93 | 94 | 88 | 84 | 77 |
| 125-6/9-15 | 59 | 74 | 85 | 91 | 92 | 86 | 82 | 75 |
| 125-6/9-20 | 59 | 74 | 85 | 91 | 92 | 86 | 82 | 75 |

Dimensions mm

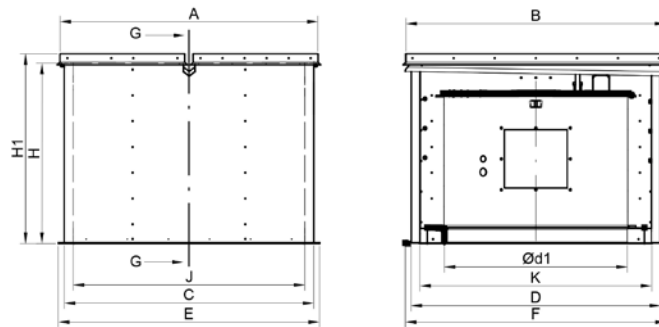
THT/HATCH-40...100



| | A | B | C | D | ød1 | ød2 | E | F | H | H1 | J | K | L | M | N | P | Q |
|-----------------------|------|------|------|------|------|-----|------|------|-----|------|------|------|------|------|------|-----|------|
| THT/HATCH-40 | 1100 | 1000 | 1020 | 920 | 400 | 13 | 1100 | 1000 | 900 | 1000 | 900 | 800 | 700 | 600 | 1065 | - | 965 |
| THT/HATCH-45 | 1100 | 1000 | 1020 | 920 | 450 | 13 | 1100 | 1000 | 900 | 1000 | 900 | 800 | 700 | 600 | 1065 | - | 965 |
| THT/HATCH-50 | 1100 | 1000 | 1020 | 920 | 500 | 13 | 1100 | 1000 | 900 | 1000 | 900 | 800 | 700 | 600 | 1065 | - | 965 |
| THT/HATCH-56 | 1100 | 1000 | 1020 | 920 | 560 | 13 | 1100 | 1000 | 900 | 1000 | 900 | 800 | 700 | 600 | 1065 | - | 965 |
| THT/HATCH-63 | 1300 | 1200 | 1220 | 1120 | 630 | 13 | 1300 | 1200 | 900 | 1000 | 1100 | 1000 | 900 | 800 | 1265 | - | 1165 |
| THT/HATCH-80 | 1300 | 1200 | 1220 | 1120 | 800 | 13 | 1300 | 1200 | 900 | 1000 | 1100 | 1000 | 900 | 800 | 1265 | - | 1165 |
| THT/HATCH-90 | 1500 | 1400 | 1420 | 1320 | 900 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | - | 1365 |
| THT/HATCH-90-4T-15 | 1500 | 1400 | 1420 | 1320 | 900 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | 38 | 1365 |
| THT/HATCH-100 | 1500 | 1400 | 1420 | 1320 | 1000 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | - | 1365 |
| THT/HATCH-100-4T-15 | 1500 | 1400 | 1420 | 1320 | 1000 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | 80 | 1365 |
| THT/HATCH-100-4T-20 | 1500 | 1400 | 1420 | 1320 | 1000 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | 80 | 1365 |
| THT/HATCH-100-4T/9-25 | 1500 | 1400 | 1420 | 1320 | 1000 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | 125 | 1365 |
| THT/HATCH-100-4T/9-30 | 1500 | 1400 | 1420 | 1320 | 1000 | 13 | 1500 | 1400 | 900 | 1000 | 1300 | 1200 | 1100 | 1000 | 1465 | 125 | 1365 |

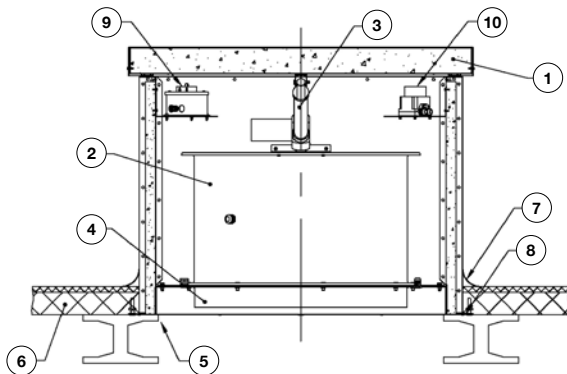
Dimensions mm

THT/HATCH-125

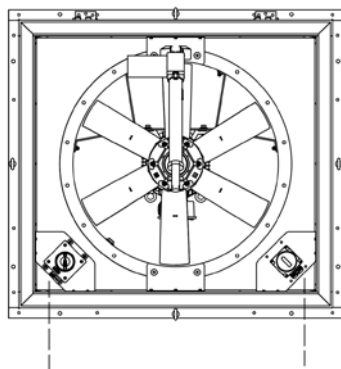


| | A | B | C | D | Ød1 | E | F | H | H1 | J | K |
|---------------|------|------|------|------|------|------|------|------|------|------|------|
| THT/HATCH-125 | 1750 | 1775 | 1700 | 1700 | 1245 | 1780 | 1780 | 1230 | 1330 | 1580 | 1580 |

Installation diagram



1. THT/HATCH box
2. THT fan
3. Motorised arm (230 V AC or 24 V DC x2)
4. Connection flange in inlet conduit
5. Roof opening
6. Roof
7. Protection against water entry
8. Direct assembly using the adjustable baseboard
9. Motor safety switch
10. Actuator safety switch



--- Pre-installed by the manufacturer

Note: For motors with powers greater than 5.5 kW it is advisable to use an electronic starter.

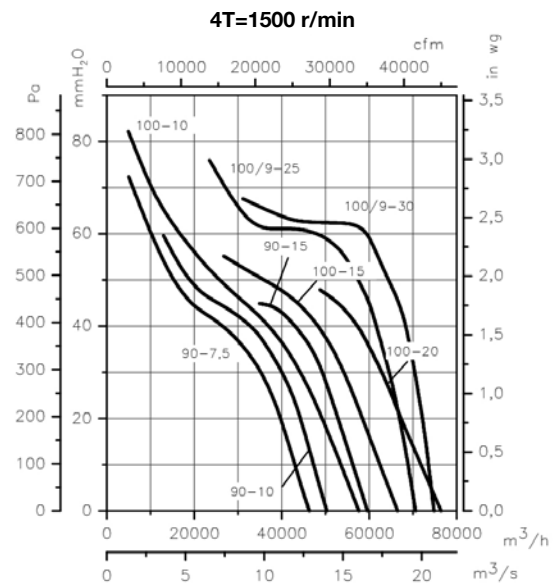
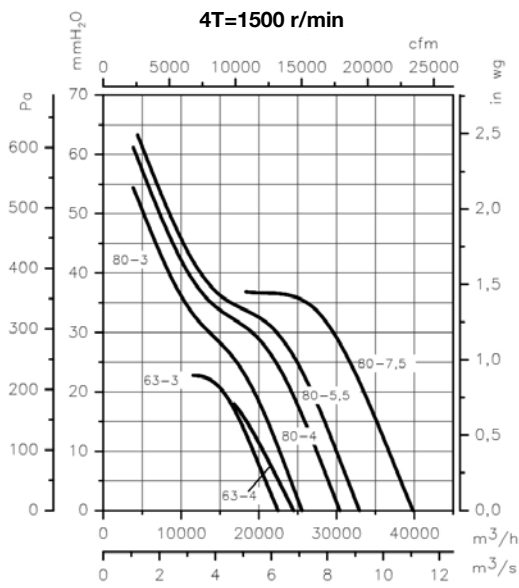
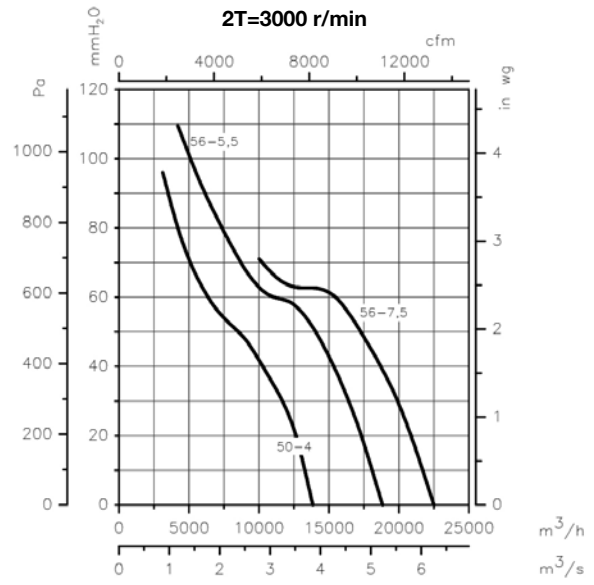
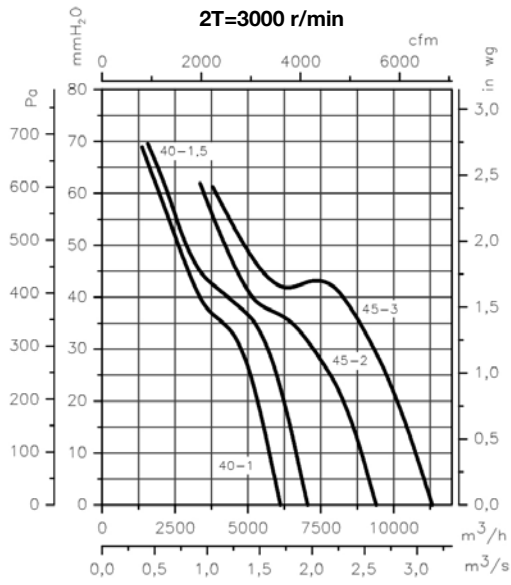
Motor power supply
3x400 V 50 Hz

Actuator power supply
1x230 V 50 Hz or 24 V DC

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

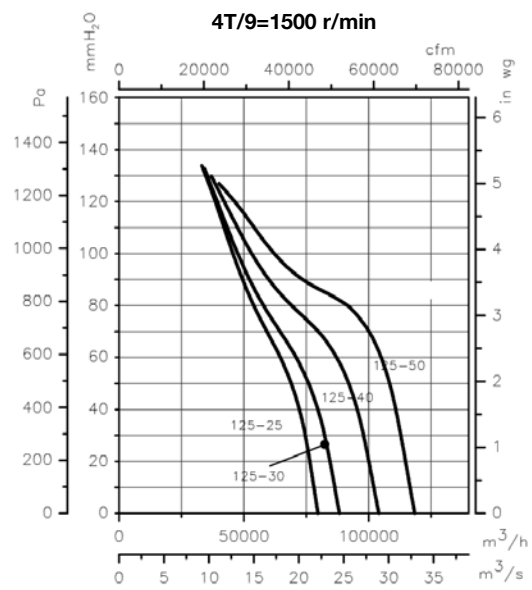
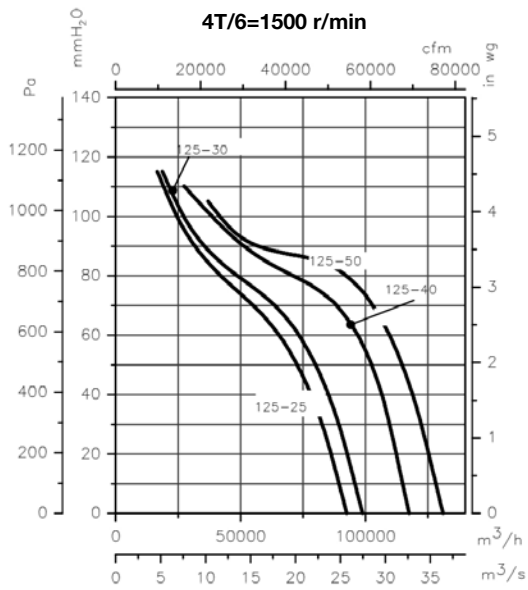
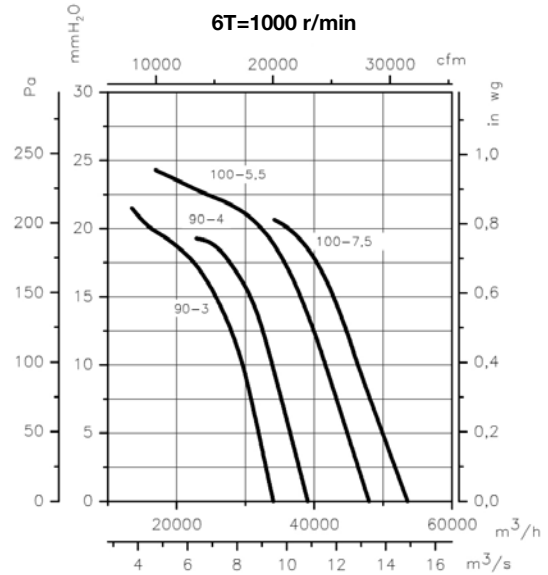
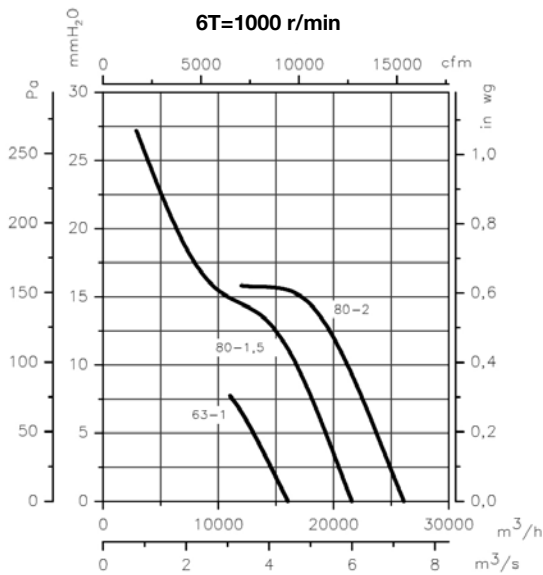
Pe= Static pressure in mm H₂O, Pa and inwg



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and in wg

