# THT/WALL

***Dynamic wall mounted extractor fans with motorised hatch, for smoke exhaust in case of fires, 400 °C/2h and 300 °C/2h***

Dynamic wall-mount extractor fans with motorised opening system for connection to extract duct. Specially designed for the fast, effective exhaust of harmful smoke and gases in the event of fire. Suitable for installation in industrial buildings, stores or in any other type of building. Approved as a whole in accordance with standard EN 12101-3, with F400 and F300 certificate. Can be used for ambient ventilation.

Fan:
- Helicoidal casing support and fixing flange to allow easy wall anchorage and installation.
- With F400 certificate number 0370-CPR-2823 and F300 certificate number 0370-CPR-0973.
- Tubular casing in sheet steel with polyester resin anti-corrosive treatment.
- Variable angle impeller made of cast aluminium.
- Shielded power cable with EMC protection.
- Airflow direction from motor to impeller.

Extruded aluminum hatch:
- An extremely robust structure that is able to withstand severe weather changes.
- Designed to ensure watertightness.
- Aluminum profile with thermal bridge break.
- Central ceiling and structure equipped with high performance thermal insulation.
- Thermal resistance of the assembly less than 0.89 W/m2·K.
- Limit switches in both positions (open and closed).
- Manual opening system.

Motor:
- Class H motors for S1 continuous operation and S2 emergency use. With ball bearings, IP55 protection and 1 or 2 speeds, depending on model.
- 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.

Actuator:
- Reliability greater than 11,000 dual cycles.
- Supply voltage at 230 V AC 50/60 Hz.
- Working temperature: -25 °C +60 °C.

Flap finish:
- Anti-corrosive in extruded aluminum.
- RAL 7016 supplied as standard. Any other RAL can be supplied on demand.

## *Order code*

**From size 40 to size 100**

| THT/WALL | — | 56 | — | 4T | — | 2 | — | F400 |
|---|---|---|---|---|---|---|---|---|
| THT/WALL: Dynamic wall mounted extractor fans with motorised hatch, for smoke exhaust in case of fires, 400 °C/2h and 300 °C/2h | | Impeller diameter in cm | | Number of motor poles<br>2=3000 r/min 50 Hz<br>4=1500 r/min 50 Hz<br>6=1000 r/min 50 Hz<br>T = Three-phase | | Motor power (HP) | | F300: 300 °C/2h approved<br>F400: 400 °C/2h approved |

**Size 125**

| THT/WALL | — | 125 | — | 4T | / | 6 | — | 30 | — | F400 |
|---|---|---|---|---|---|---|---|---|---|---|
| THT/WALL: Dynamic wall mounted extractor fans with motorised hatch, for smoke exhaust in case of fires, 400 °C/2h and 300 °C/2h | | Impeller diameter in cm | | Number of motor poles<br>2=3000 r/min 50 Hz<br>4=1500 r/min 50 Hz<br>6=1000 r/min 50 Hz<br>T = Three-phase | | Number of blades:<br>6 blades<br>9 blades<br>12 blades | | Motor power (HP) | | F300: 300 °C/2h approved<br>F400: 400 °C/2h approved |

## *Technical characteristics*

| Model | Speed | Maximum admissible current (A) | | | Installed power | Blade tilt angle | Maximum flow rate | Sound pressure level[1] dB (A) | | Approx. weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | (r/min) | 230V | 400V | 690V | (kW) | (º) | (m³/h) | Inlet | Exhaust | (Kg) |
| THT/WALL-40-2T-1 IE3 | 2850 | 2.76 | 1.59 | | 0.75 | 16 | 6100 | 62 | 62 | 62 |
| THT/WALL-40-2T-1.5 IE3 | 2880 | 3.93 | 2.26 | | 1.10 | 20 | 7040 | 61 | 61 | 63 |
| THT/WALL-45-2T-2 IE3 | 2880 | 4.91 | 2.84 | | 1.50 | 16 | 9400 | 61 | 61 | 67 |
| THT/WALL-45-2T-3 IE3 | 2840 | 7.14 | 4.13 | | 2.20 | 22 | 11325 | 61 | 61 | 68 |
| THT/WALL-50-2T-4 IE3 | 2880 | 9.61 | 5.52 | | 3.00 | 16 | 13860 | 66 | 66 | 84 |
| THT/WALL-50-2T-5.5 IE3 | 2870 | | 7.20 | 4.17 | 4.00 | 20 | 15900 | 66 | 66 | 100 |
| THT/WALL-56-2T-5.5 IE3 | 2870 | | 7.20 | 4.17 | 4.00 | 16 | 18820 | 68 | 68 | 105 |
| THT/WALL-56-2T-7.5 IE3 | 2910 | | 10.10 | 5.80 | 5.50 | 22 | 22510 | 68 | 68 | 107 |
| THT/WALL-56-4T-2 IE3 | 1440 | 5.89 | 3.38 | | 1.50 | 36 | 15020 | 54 | 54 | 84 |
| THT/WALL-63-4T-3 IE3 | 1425 | 7.86 | 4.52 | | 2.20 | 32 | 22170 | 58 | 58 | 131 |
| THT/WALL-63-4T-4 IE3 | 1430 | 11.01 | 6.33 | | 3.00 | 38 | 24240 | 59 | 59 | 132 |
| THT/WALL-63-6T-1 IE3 | 940 | 3.36 | 1.93 | | 0.75 | 38 | 15890 | 48 | 48 | 121 |
| THT/WALL-71-4T-3 IE3 | 1425 | 7.86 | 4.52 | | 2.20 | 22 | 25100 | 60 | 60 | 124 |
| THT/WALL-71-4T-4 IE3 | 1430 | 11.01 | 6.33 | | 3.00 | 28 | 27480 | 60 | 60 | 133 |
| THT/WALL-71-4T-5.5 IE3 | 1440 | | 7.95 | 4.61 | 4.00 | 38 | 32250 | 61 | 61 | 143 |
| THT/WALL-71-6T-1.5 IE3 | 945 | 4.73 | 2.72 | | 1.10 | 34 | 19930 | 51 | 51 | 123 |
| THT/WALL-80-4T-3 IE3 | 1425 | 7.86 | 4.52 | | 2.20 | 12 | 25460 | 65 | 65 | 138 |
| THT/WALL-80-4T-4 IE3 | 1430 | 11.01 | 6.33 | | 3.00 | 16 | 30270 | 64 | 64 | 147 |
| THT/WALL-80-4T-5.5 IE3 | 1440 | | 7.95 | 4.61 | 4.00 | 18 | 32770 | 63 | 63 | 153 |
| THT/WALL-80-4T-7.5 IE3 | 1460 | | 10.40 | 6.04 | 5.50 | 26 | 39640 | 63 | 63 | 154 |
| THT/WALL-80-6T-1.5 IE3 | 945 | 4.73 | 2.72 | | 1.10 | 18 | 21470 | 53 | 53 | 137 |
| THT/WALL-80-6T-2 IE3 | 945 | 6.25 | 3.62 | | 1.50 | 26 | 25970 | 54 | 54 | 146 |
| THT/WALL-90-4T-7.5 IE3 | 1460 | | 10.40 | 6.04 | 5.50 | 18 | 46140 | 67 | 67 | 222 |
| THT/WALL-90-4T-10 IE3 | 1460 | | 14.20 | 8.17 | 7.50 | 22 | 50140 | 66 | 66 | 233 |
| THT/WALL-90-4T-15 IE3 | 1460 | | 20.70 | 11.99 | 11.00 | 30 | 59390 | 68 | 68 | 242 |
| THT/WALL-90-6T-3 IE3 | 950 | 9.78 | 5.62 | | 2.20 | 24 | 34000 | 56 | 56 | 195 |
| THT/WALL-90-6T-4 IE3 | 970 | 12.80 | 6.36 | | 3.00 | 30 | 38910 | 59 | 59 | 221 |
| THT/WALL-100-4T-10 IE3 | 1460 | | 14.20 | 8.17 | 7.50 | 16 | 57420 | 69 | 69 | 239 |
| THT/WALL-100-4T-15 IE3 | 1460 | | 20.70 | 11.99 | 11.00 | 22 | 66300 | 69 | 69 | 292 |
| THT/WALL-100-4T-20 IE3 | 1460 | | 27.80 | 16.03 | 15.00 | 28 | 76160 | 70 | 70 | 307 |
| THT/WALL-100-6T-5.5 IE3 | 970 | | 8.37 | 4.82 | 4.00 | 26 | 47780 | 60 | 60 | 239 |
| THT/WALL-100-6T-7.5 IE3 | 970 | | 12.30 | 7.07 | 5.50 | 32 | 53520 | 62 | 62 | 276 |
| THT/WALL-125-4T/6-20 IE3 | 1460 | | 27.80 | 16.03 | 15.00 | 10 | 78600 | 77 | 77 | 462 |
| THT/WALL-125-4T/6-25 IE3 | 1465 | | 35.40 | 20.39 | 18.50 | 14 | 92550 | 76 | 76 | 530 |
| THT/WALL-125-4T/6-30 IE3 | 1470 | | 42.20 | 24.44 | 22.00 | 16 | 98830 | 75 | 75 | 544 |
| THT/WALL-125-4T/6-40 IE3 | 1475 | | 53.30 | 31.02 | 30.00 | 22 | 117450 | 75 | 75 | 625 |
| THT/WALL-125-4T/6-50 IE3 | 1480 | | 66.40 | 38.26 | 37.00 | 26 | 131050 | 75 | 75 | 673 |
| THT/WALL-125-4T/9-25 IE3 | 1465 | | 35.40 | 20.39 | 18.50 | 10 | 79650 | 77 | 77 | 539 |
| THT/WALL-125-4T/9-30 IE3 | 1470 | | 42.20 | 24.44 | 22.00 | 12 | 88290 | 76 | 76 | 553 |
| THT/WALL-125-4T/9-40 IE3 | 1475 | | 53.30 | 31.02 | 30.00 | 16 | 104040 | 75 | 75 | 634 |
| THT/WALL-125-4T/9-50 IE3 | 1480 | | 66.40 | 38.26 | 37.00 | 20 | 118400 | 75 | 75 | 682 |
| THT/WALL-125-4T/12-30 IE3 | 1475 | | 42.20 | 24.44 | 22.00 | 10 | 62900 | 78 | 78 | 569 |
| THT/WALL-125-4T/12-40 IE3 | 1470 | | 53.30 | 31.02 | 30.00 | 14 | 79180 | 77 | 77 | 650 |
| THT/WALL-125-4T/12-50 IE3 | 1480 | | 66.40 | 38.26 | 37.00 | 18 | 95715 | 76 | 76 | 693 |
| THT/WALL-125-6T/6-5.5 IE3 | 970 | | 8.37 | 4.82 | 4.00 | 10 | 51500 | 67 | 67 | 395 |
| THT/WALL-125-6T/6-7.5 IE3 | 970 | | 12.30 | 7.07 | 5.50 | 14 | 60640 | 65 | 65 | 402 |
| THT/WALL-125-6T/6-10 IE3 | 960 | | 15.20 | 8.83 | 7.50 | 20 | 72650 | 64 | 64 | 427 |
| THT/WALL-125-6T/6-15 IE3 | 955 | | 22.50 | 13.07 | 11.00 | 26 | 85850 | 64 | 64 | 457 |
| THT/WALL-125-6T/6-20 IE3 | 950 | | 29.00 | 16.78 | 15.00 | 30 | 92850 | 66 | 66 | 530 |
| THT/WALL-125-6T/9-10 IE3 | 960 | | 15.20 | 8.83 | 7.50 | 14 | 63490 | 67 | 67 | 436 |
| THT/WALL-125-6T/9-15 IE3 | 955 | | 22.50 | 13.07 | 11.00 | 20 | 77550 | 65 | 65 | 466 |
| THT/WALL-125-6T/9-20 IE3 | 950 | | 29.00 | 16.78 | 15.00 | 26 | 92950 | 65 | 65 | 539 |
| THT/WALL-125-6T/9-25 IE3 | 975 | | 36.10 | 20.77 | 18.50 | 32 | 96500 | 67 | 67 | 569 |
| THT/WALL-125-6T/12-25 IE3 | 975 | | 36.10 | 20.77 | 18.50 | 28 | 91680 | 67 | 67 | 579 |
| THT/WALL-125-6T/12-30 IE3 | 975 | | 42.30 | 24.35 | 22.00 | 32 | 102050 | 68 | 68 | 621 |
| THT/WALL-125-6T/12-40 IE3 | 980 | | 55.80 | 32.13 | 30.00 | 38 | 115950 | 72 | 72 | 739 |

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*

| Model | Approval (ºC) | Motor insulation class | Durability | Temperature room temperature (ºC) | Wind load (Pa) |
|---|---|---|---|---|---|
| THT/WALL | F300 and F400 | Class H | RE 11000 | -25 | WL 200 |

## *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**

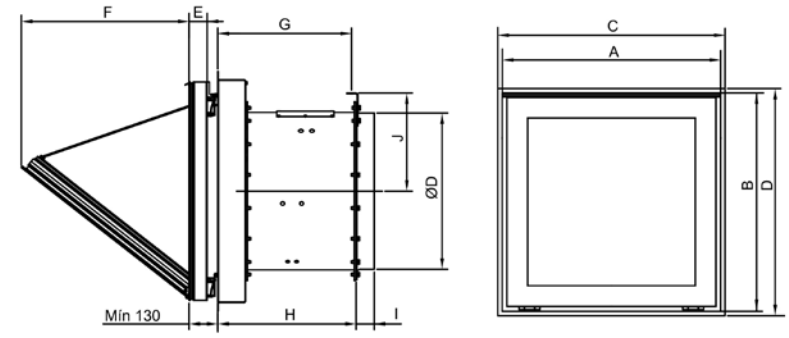
**Values measured at inlet with maximum flow rate**

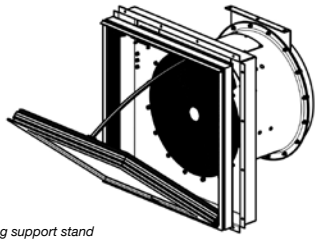
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---|---|---|---|---|---|---|---|---|
| 40-2-1 | 48 | 64 | 76 | 84 | 89 | 87 | 83 | 76 |
| 40-2-1.5 | 47 | 63 | 75 | 83 | 88 | 86 | 82 | 75 |
| 45-2-2 | 47 | 60 | 74 | 86 | 87 | 86 | 82 | 74 |
| 45-2-3 | 47 | 64 | 74 | 81 | 88 | 86 | 83 | 75 |
| 50-2-4 | 58 | 74 | 84 | 91 | 92 | 89 | 88 | 89 |
| 50-2-5.5 | 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 |
| 56-4-2 | 52 | 64 | 73 | 79 | 79 | 79 | 73 | 65 |
| 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 |
| 71-4-3 | 56 | 72 | 79 | 85 | 85 | 85 | 81 | 73 |
| 71-4-4 | 63 | 75 | 79 | 85 | 85 | 86 | 83 | 75 |
| 71-4-5.5 | 64 | 76 | 80 | 86 | 86 | 87 | 84 | 76 |
| 71-6-1.5 | 47 | 65 | 74 | 77 | 77 | 72 | 65 | 56 |
| 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 |
| 100-6-5.5 | 57 | 72 | 82 | 85 | 86 | 83 | 75 | 67 |
| 100-6-7.5 | 59 | 74 | 84 | 87 | 88 | 85 | 77 | 69 |
| 125-4/6-20 | 69 | 85 | 96 | 103 | 104 | 102 | 95 | 87 |
| 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 |
| 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 |
| 125-6/9-25 | 61 | 76 | 87 | 93 | 94 | 88 | 84 | 77 |
| 125-4/12-30 | 68 | 82 | 95 | 103 | 105 | 102 | 97 | 89 |
| 125-4/12-40 | 67 | 81 | 94 | 102 | 104 | 101 | 96 | 88 |
| 125-4/12-50 | 66 | 80 | 93 | 101 | 103 | 100 | 95 | 87 |
| 125-6/12-25 | 61 | 76 | 87 | 93 | 94 | 88 | 84 | 77 |
| 125-6/12-30 | 62 | 77 | 88 | 94 | 95 | 89 | 85 | 78 |
| 125-6/12-40 | 66 | 81 | 92 | 98 | 99 | 93 | 89 | 82 |

**Values measured at exhaust with maximum flow rate**

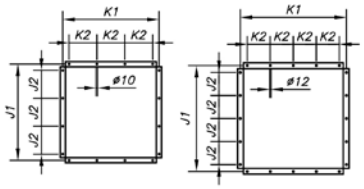
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---|---|---|---|---|---|---|---|---|
| 40-2-1 | 48 | 64 | 76 | 84 | 89 | 87 | 83 | 76 |
| 40-2-1.5 | 47 | 63 | 75 | 83 | 88 | 86 | 82 | 75 |
| 45-2-2 | 47 | 60 | 74 | 86 | 87 | 86 | 82 | 74 |
| 45-2-3 | 47 | 64 | 74 | 81 | 88 | 86 | 83 | 75 |
| 50-2-4 | 58 | 74 | 84 | 91 | 92 | 89 | 88 | 89 |
| 50-2-5.5 | 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 |
| 56-4-2 | 52 | 64 | 73 | 79 | 79 | 79 | 73 | 65 |
| 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 |
| 71-4-3 | 56 | 72 | 79 | 85 | 85 | 85 | 81 | 73 |
| 71-4-4 | 63 | 75 | 79 | 85 | 85 | 86 | 83 | 75 |
| 71-4-5.5 | 64 | 76 | 80 | 86 | 86 | 87 | 84 | 76 |
| 71-6-1.5 | 47 | 65 | 74 | 77 | 77 | 72 | 65 | 56 |
| 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 |
| 100-6-5.5 | 57 | 72 | 82 | 85 | 86 | 83 | 75 | 67 |
| 100-6-7.5 | 59 | 74 | 84 | 87 | 88 | 85 | 77 | 69 |
| 125-4/6-20 | 69 | 85 | 96 | 103 | 104 | 102 | 95 | 87 |
| 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 |
| 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 |
| 125-6/9-25 | 61 | 76 | 87 | 93 | 94 | 88 | 84 | 77 |
| 125-4/12-30 | 68 | 82 | 95 | 103 | 105 | 102 | 97 | 89 |
| 125-4/12-40 | 67 | 81 | 94 | 102 | 104 | 101 | 96 | 88 |
| 125-4/12-50 | 66 | 80 | 93 | 101 | 103 | 100 | 95 | 87 |
| 125-6/12-25 | 61 | 76 | 87 | 93 | 94 | 88 | 84 | 77 |
| 125-6/12-30 | 62 | 77 | 88 | 94 | 95 | 89 | 85 | 78 |
| 125-6/12-40 | 66 | 81 | 92 | 98 | 99 | 93 | 89 | 82 |

## *Dimensions mm*



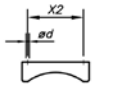
*Wall-mounting flange*



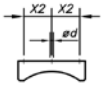

*THT/WALL-40*
*THT/WALL-45*
*THT/WALL-50*
*THT/WALL-56*
*THT/WALL-63*
*THT/WALL-71*
*THT/WALL-80*

*THT/WALL-90*
*THT/WALL-100*
*THT/WALL-125*

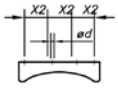
*Helical ring support stand*




*THT/WALL-40*




*THT/WALL-45*
*THT/WALL-50*
*THT/WALL-56*
*THT/WALL-63*
*THT/WALL-71*
*THT/WALL-80*
*THT/WALL-90*
*THT/WALL-100*




*THT/WALL-125*

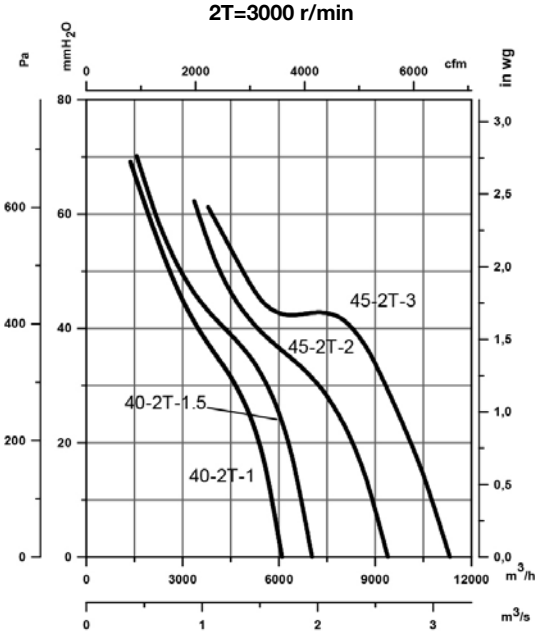
| | A | B | C | D | ØD* | I | J | H | G | E | F | J1 | J2 | K1 | K2 | X2 | ød |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THT/WALL-40 | 640 | 590 | 650 | 600 | 400 | 80 | 255 | 530 | 510 | 82 | 430 | 700 | 200 | 700 | 200 | 200 | 10 |
| THT/WALL-45 | 640 | 590 | 650 | 600 | 450 | 80 | 280 | 530 | 510 | 82 | 430 | 700 | 200 | 700 | 200 | 200 | 12 |
| THT/WALL-50 | 690 | 690 | 700 | 700 | 500 | 80 | 305 | 530 | 510 | 82 | 560 | 790 | 220 | 790 | 220 | 200 | 12 |
| THT/WALL-56 | 690 | 690 | 700 | 700 | 560 | 80 | 340 | 530 | 510 | 82 | 560 | 790 | 220 | 790 | 220 | 215 | 13 |
| THT/WALL-56-2T-7.5 | 690 | 690 | 700 | 700 | 560 | 80 | 340 | 630 | 610 | 82 | 560 | 790 | 220 | 790 | 220 | 215 | 13 |
| THT/WALL-63 | 990 | 990 | 1000 | 1000 | 630 | 80 | 385 | 630 | 605 | 82 | 760 | 1050 | 300 | 1050 | 300 | 215 | 13 |
| THT/WALL-63-6T-1 | 990 | 990 | 1000 | 1000 | 630 | 80 | 385 | 530 | 505 | 82 | 760 | 1050 | 300 | 1050 | 300 | 215 | 13 |
| THT/WALL-71 | 990 | 990 | 1000 | 1000 | 710 | 80 | 445 | 630 | 605 | 82 | 760 | 1050 | 300 | 1050 | 300 | 225 | 13 |
| THT/WALL-80 | 990 | 990 | 1000 | 1000 | 800 | 100 | 490 | 630 | 605 | 82 | 760 | 1050 | 300 | 1050 | 300 | 280 | 13 |
| THT/WALL-90 | 1190 | 1190 | 1200 | 1200 | 900 | 100 | 550 | 730 | 705 | 82 | 790 | 1250 | 250 | 1250 | 250 | 280 | 18 |
| THT/WALL-90-4T-15 | 1190 | 1190 | 1200 | 1200 | 900 | 100 | 550 | 830 | 805 | 82 | 790 | 1250 | 250 | 1250 | 250 | 280 | 18 |
| THT/WALL-100 | 1190 | 1190 | 1200 | 1200 | 1000 | 100 | 600 | 730 | 705 | 82 | 790 | 1250 | 250 | 1250 | 250 | 280 | 18 |
| THT/WALL-100-4T-15 | 1190 | 1190 | 1200 | 1200 | 1000 | 100 | 600 | 830 | 805 | 82 | 790 | 1250 | 250 | 1250 | 250 | 280 | 18 |
| THT/WALL-100-4T-20 | 1190 | 1190 | 1200 | 1200 | 1000 | 100 | 600 | 830 | 805 | 82 | 790 | 1250 | 250 | 1250 | 250 | 280 | 18 |
| THT/WALL-125 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 1050 | 1025 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-4T/6-20 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-6T/6-5.5 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-6T/6-7.5 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-6T/6-10 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-6T/6-15 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-6T/9-10 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-6T/9-15 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 850 | 825 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-4T/6-50 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 1150 | 1125 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-4T/9-50 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 1150 | 1125 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |
| THT/WALL-125-4T/12-50 | 1490 | 1490 | 1500 | 1500 | 1250 | 100 | 725 | 1150 | 1125 | 82 | 1240 | 1600 | 300 | 1600 | 300 | 300 | 18 |

* Recommended nominal tube diameter
(C x D) Nominal size of the wall opening.

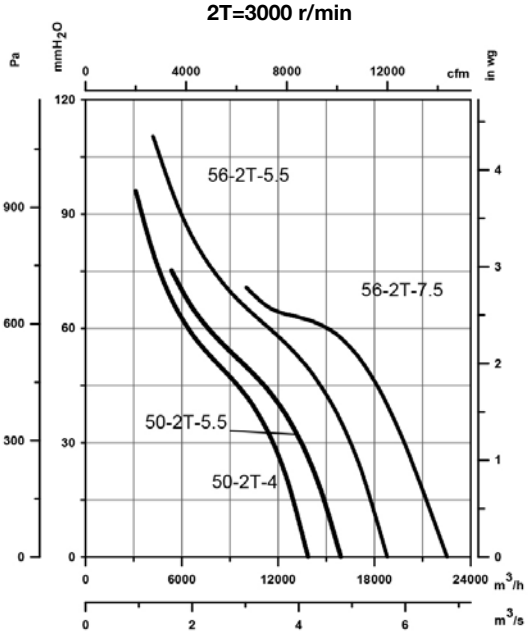
## *Characteristic curves*

Q= Flow rate in m³/h, m³/s and cfm  Pe= Static pressure in mm $H_2O$, Pa and inwg

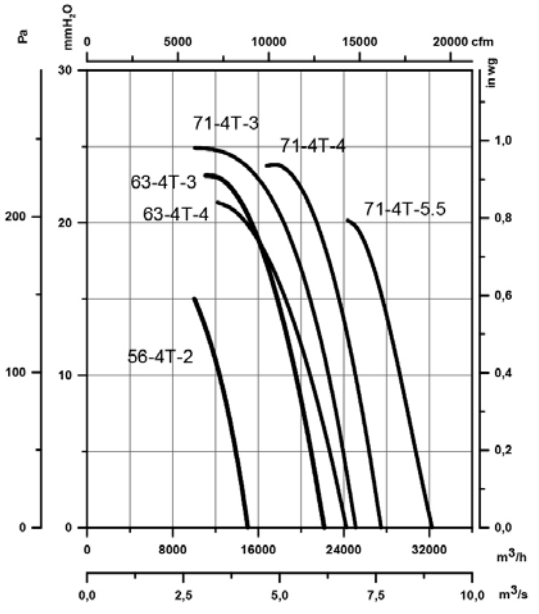
**2T=3000 r/min**



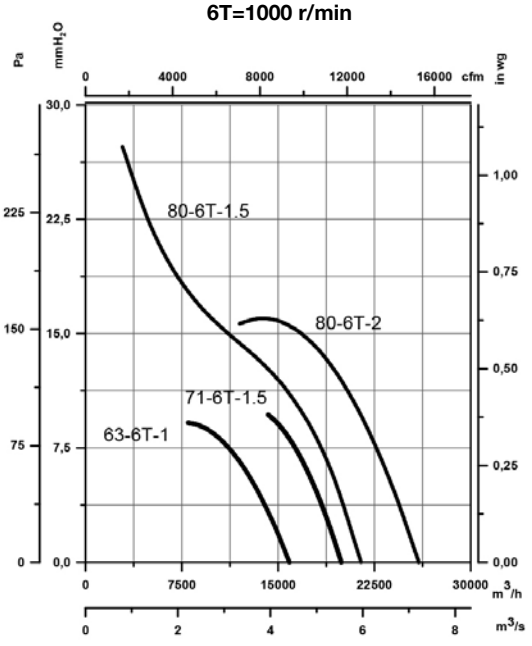

**2T=3000 r/min**




**4T=1500 r/min**



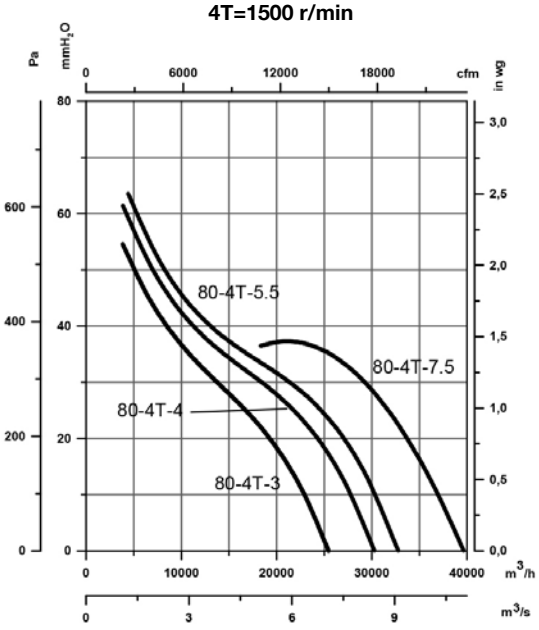

**6T=1000 r/min**



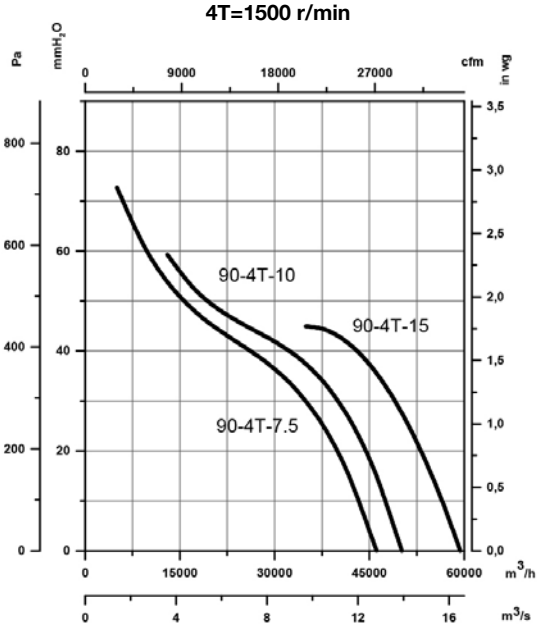
## *Characteristic curves*

Q= Flow rate in m³/h, m³/s and cfm  Pe= Static pressure in mm $H_2O$, Pa and inwg

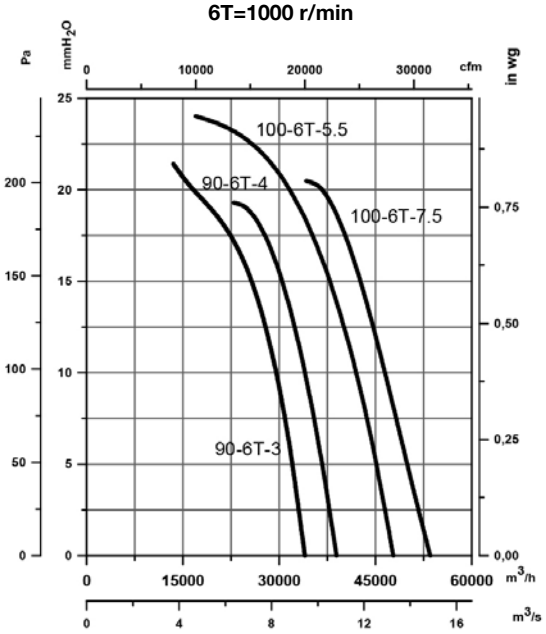
**4T=1500 r/min**



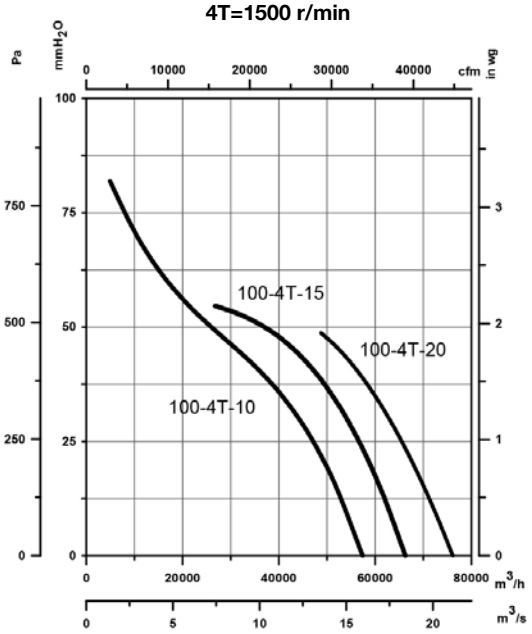

**4T=1500 r/min**




**6T=1000 r/min**



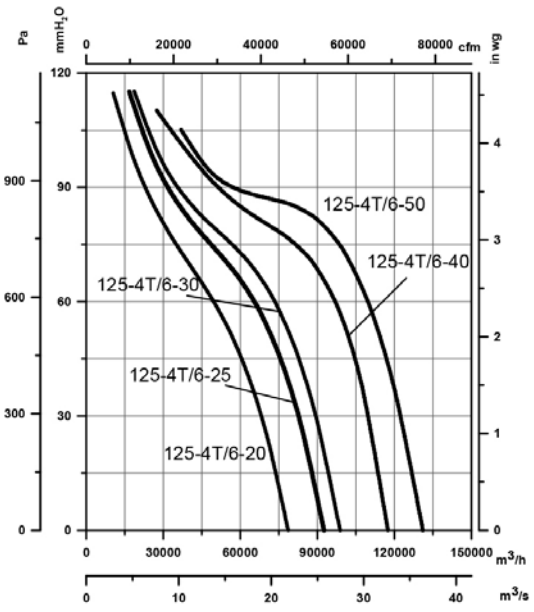

**4T=1500 r/min**



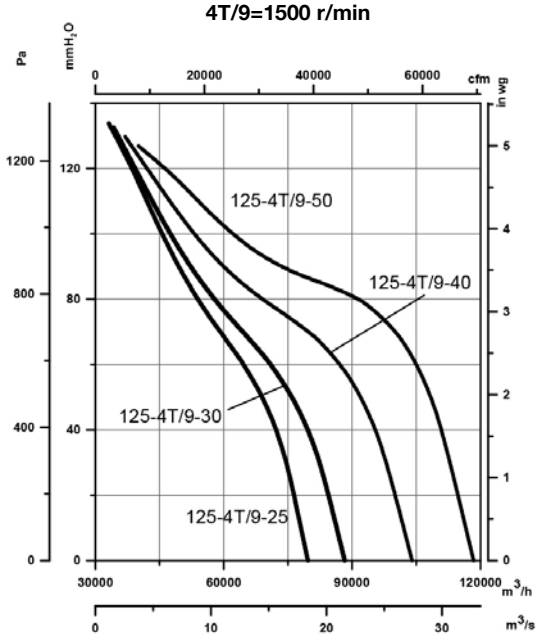
## *Characteristic curves*

Q= Flow rate in m³/h, m³/s and cfm  Pe= Static pressure in mm $H_2O$, Pa and inwg

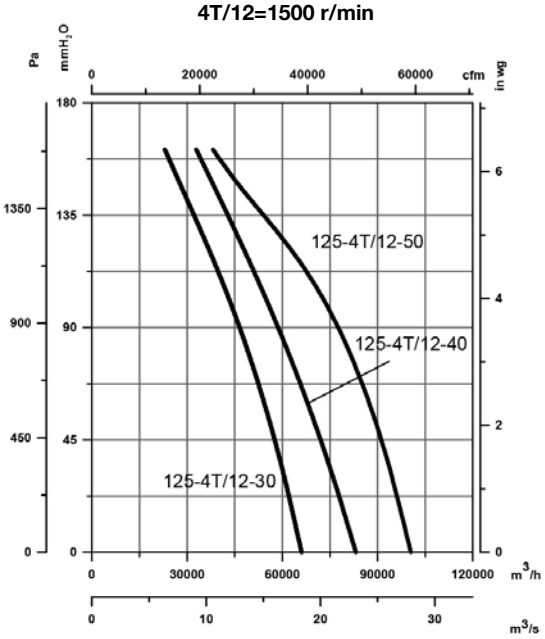
**4T/6=1500 r/min**



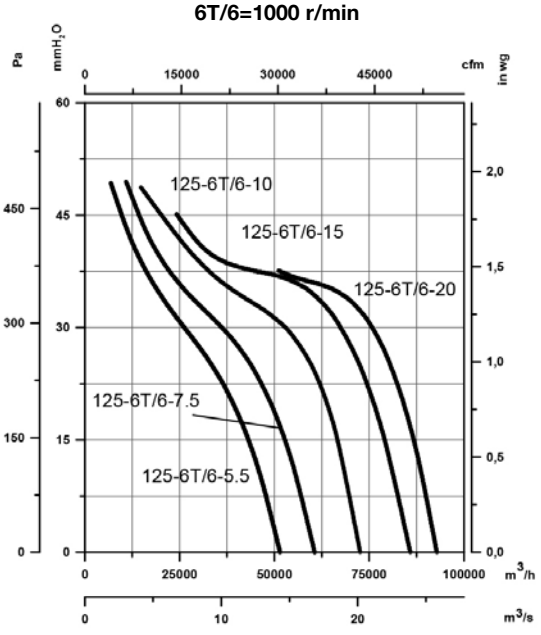

**4T/9=1500 r/min**




**4T/12=1500 r/min**



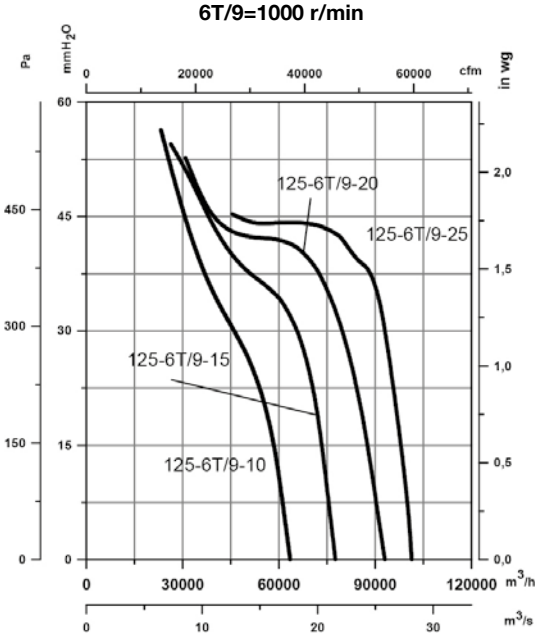

**6T/6=1000 r/min**



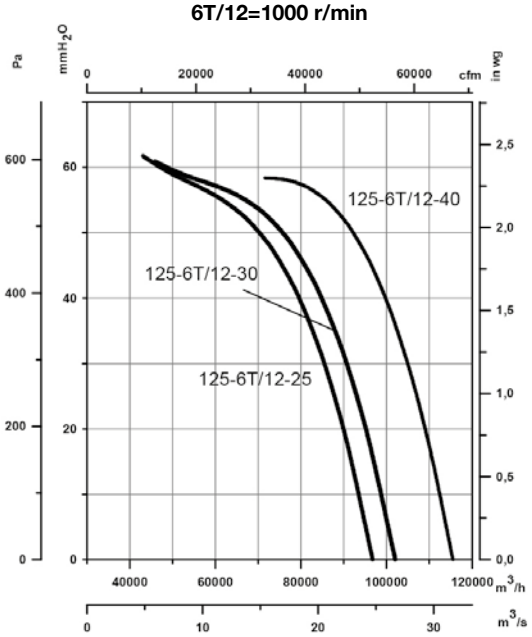
## Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm  Pe= Static pressure in mm $H_2O$, Pa and inwg

**6T/9=1000 r/min**




**6T/12=1000 r/min**




## Accessories


INT


IAT


CABLE BOX

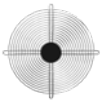

C2V


VSD3/A-RFT
- VSD1/A-RFM


CENTRAL CO


AET


P-400


RT


R/THT


BAC


PS


ACE ACE/400


S