

# HC

## Wall-mounted axial fans, with IP-55 motor

Wall-mounted axial fans with fibreglass-reinforced plastic impeller



HC

HC  
71, 80,  
90,100

### Fan:

- Sheet steel base plate.
- Impeller in polyamide 6 reinforced with fibre glass
- Protection guard, meets UNE 100250 standard
- Models 71, 80, 90 and 100, the protective grille is supplied as an accessory
- Airflow direction from motor to impeller

### Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 63, IP54 protection, one- or two-speed depending on the model
- Single-phase 230V -50Hz. and three-phase 230/400V.50Hz. (up to 5.5CV.) and 400/690V.-50Hz. (power over 5.5CV.)
- Working temperature: -25°C+ 60°C

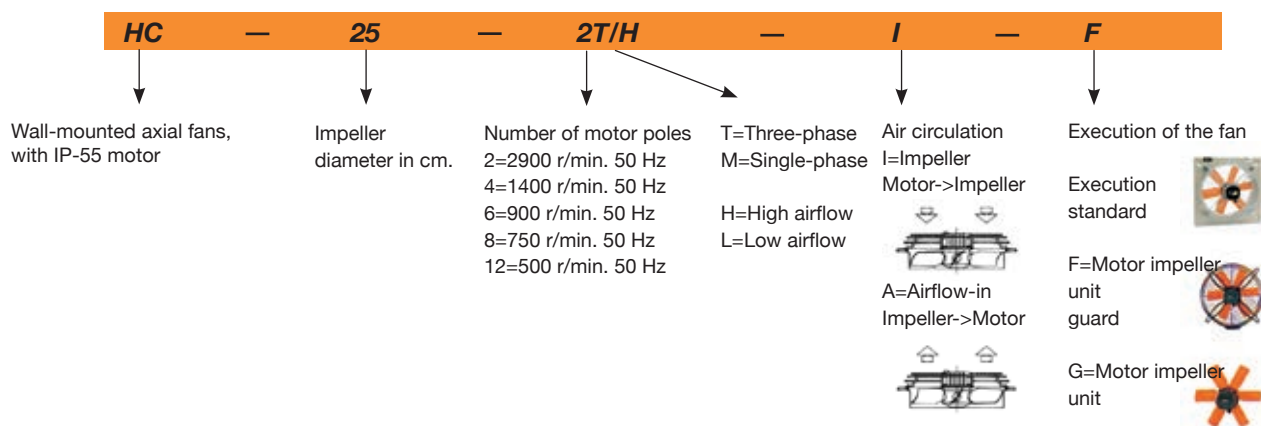
### Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

### On request:

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

## Order code



## Technical characteristics

| Model      | Speed<br>(r/min) | Maximum admissible<br>current (A) |      |      | Installed<br>power<br>(kW) | Maximum<br>airflow<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |
|------------|------------------|-----------------------------------|------|------|----------------------------|------------------------------|----------------------------------|------------------------|
|            |                  | 230V                              | 400V | 690V |                            |                              |                                  |                        |
| HC-25-2T/H | 2730             | 0.74                              | 0.43 |      | 0.12                       | 2200                         | 64                               | 5                      |
| HC-25-2M/H | 2770             | 0.98                              |      |      | 0.12                       | 2200                         | 64                               | 5                      |
| HC-25-4T/H | 1320             | 0.96                              | 0.56 |      | 0.10                       | 1300                         | 51                               | 5                      |
| HC-25-4M/H | 1380             | 0.65                              |      |      | 0.10                       | 1300                         | 51                               | 5                      |
| HC-31-2T/H | 2750             | 1.21                              | 0.70 |      | 0.18                       | 3650                         | 72                               | 6                      |
| HC-31-2M/H | 2700             | 1.85                              |      |      | 0.18                       | 3600                         | 72                               | 6                      |
| HC-31-4T/H | 1320             | 0.96                              | 0.56 |      | 0.10                       | 2400                         | 54                               | 6                      |

### Technical characteristics

| Model          | Speed<br>(r/min) | Maximum admissible<br>current (A) |            |      | Installed<br>power<br>(kW) | Maximum<br>airflow<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx. weight<br>(Kg) |
|----------------|------------------|-----------------------------------|------------|------|----------------------------|------------------------------|----------------------------------|------------------------|
|                |                  | 230V                              | 400V       | 690V |                            |                              |                                  |                        |
| HC-31-4M/H     | 1380             | 1.03                              |            |      | 0.10                       | 2400                         | 54                               | 6                      |
| HC-31-4T/L     | 1320             | 0.65                              | 0.38       |      | 0.08                       | 1800                         | 52                               | 6                      |
| HC-31-4M/L     | 1380             | 0.65                              |            |      | 0.10                       | 1750                         | 52                               | 6                      |
| HC-35-2T/H     | 2710             | 1.92                              | 1.11       |      | 0.37                       | 6050                         | 76                               | 8                      |
| HC-35-4T/H     | 1320             | 0.96                              | 0.56       |      | 0.10                       | 3550                         | 58                               | 7                      |
| HC-35-4M/H     | 1380             | 1.03                              |            |      | 0.10                       | 3550                         | 58                               | 7                      |
| HC-35-4T/L     | 1320             | 0.96                              | 0.56       |      | 0.10                       | 2600                         | 56                               | 7                      |
| HC-35-4M/L     | 1380             | 0.65                              |            |      | 0.10                       | 2600                         | 56                               | 7                      |
| HC-40-4T/H     | 1350             | 1.66                              | 0.96       |      | 0.25                       | 5200                         | 63                               | 10                     |
| HC-40-4M/H     | 1370             | 2.00                              |            |      | 0.25                       | 5200                         | 63                               | 10                     |
| HC-40-4T/L     | 1320             | 0.96                              | 0.56       |      | 0.10                       | 4050                         | 59                               | 8                      |
| HC-40-4M/L     | 1380             | 1.03                              |            |      | 0.10                       | 4050                         | 59                               | 8                      |
| HC-40-6T/H     | 900              | 1.51                              | 0.87       |      | 0.25                       | 3700                         | 55                               | 10                     |
| HC-40-6M/H     | 970              | 1.30                              |            |      | 0.25                       | 3700                         | 55                               | 10                     |
| HC-45-4T/H     | 1370             | 2.02                              | 1.17       |      | 0.37                       | 7300                         | 66                               | 14                     |
| HC-45-4M/H     | 1400             | 2.76                              |            |      | 0.37                       | 7300                         | 66                               | 14                     |
| HC-45-4T/L     | 1350             | 1.66                              | 0.96       |      | 0.25                       | 5600                         | 63                               | 11                     |
| HC-45-4M/L     | 1370             | 2.00                              |            |      | 0.25                       | 5600                         | 63                               | 11                     |
| HC-45-6T/H     | 900              | 1.51                              | 0.87       |      | 0.25                       | 5150                         | 57                               | 14                     |
| HC-45-6M/H     | 950              | 1.50                              |            |      | 0.25                       | 5150                         | 57                               | 14                     |
| HC-50-4T/H     | 1380             | 2.92                              | 1.69       |      | 0.55                       | 10200                        | 69                               | 18                     |
| HC-50-4M/H     | 1350             | 5.02                              |            |      | 0.55                       | 10200                        | 69                               | 18                     |
| HC-50-4T/L     | 1350             | 1.66                              | 0.96       |      | 0.25                       | 7400                         | 66                               | 12                     |
| HC-50-4M/L     | 1370             | 2.00                              |            |      | 0.25                       | 7400                         | 66                               | 12                     |
| HC-50-6T/H     | 900              | 2.24                              | 1.30       |      | 0.37                       | 6300                         | 59                               | 18                     |
| HC-50-6M/H     | 900              | 2.69                              |            |      | 0.37                       | 6300                         | 59                               | 18                     |
| HC-56-4T/H     | 1400             | 4.03                              | 2.32       |      | 1.10                       | 13000                        | 72                               | 24                     |
| HC-56-4/8T/H   | 1440 / 710       |                                   | 2.9 / 1.3  |      | 1.10/0.25                  | 13000/6500                   | 72/57                            | 24                     |
| HC-56-4T/L     | 1380             | 2.92                              | 1.69       |      | 0.55                       | 11050                        | 70                               | 18                     |
| HC-56-4M/L     | 1380             | 4.60                              |            |      | 0.55                       | 11050                        | 70                               | 18                     |
| HC-56-6T/H     | 900              | 2.24                              | 1.30       |      | 0.37                       | 8300                         | 61                               | 19                     |
| HC-56-6M/H     | 900              | 2.69                              |            |      | 0.37                       | 8300                         | 61                               | 19                     |
| HC-63-4T/H     | 1400             | 4.03                              | 2.32       |      | 1.10                       | 16450                        | 74                               | 26                     |
| HC-63-4/8T/H   | 1440 / 710       |                                   | 2.9 / 1.3  |      | 1.10/0.25                  | 16450/8225                   | 74/59                            | 26                     |
| HC-63-4T/L     | 1410             | 3.10                              | 1.79       |      | 0.75                       | 14400                        | 73                               | 19                     |
| HC-63-4M/L     | 1430             | 4.78                              |            |      | 0.55                       | 14400                        | 73                               | 19                     |
| HC-63-6T/H     | 900              | 2.24                              | 1.30       |      | 0.37                       | 12350                        | 64                               | 21                     |
| HC-63-6M/H     | 890              | 3.00                              |            |      | 0.37                       | 12350                        | 64                               | 21                     |
| HC-71-4T/H     | 1430             | 5.96                              | 3.44       |      | 1.50                       | 22150                        | 78                               | 35                     |
| HC-71-4/8T/H   | 1420 / 700       |                                   | 3.5 / 1.5  |      | 1.50/0.37                  | 22200/11100                  | 78/63                            | 35                     |
| HC-71-6T/H     | 945              | 3.90                              | 2.20       |      | 0.75                       | 17300                        | 66                               | 36                     |
| HC-71-6/12T/H  | 935 / 435        |                                   | 2.2 / 0.87 |      | 0.75/0.15                  | 17350/8675                   | 66/51                            | 35                     |
| HC-71-6M/H     | 900              | 4.97                              |            |      | 0.75                       | 15600                        | 65                               | 36                     |
| HC-80-4T/H     | 1445             | 10.96                             | 6.33       |      | 3.00                       | 33000                        | 82                               | 55                     |
| HC-80-4/8T/H   | 1430 / 710       |                                   | 6.5 / 2.3  |      | 3.0/0.60                   | 33000/16500                  | 82/67                            | 53                     |
| HC-80-4T/L     | 1430             | 5.96                              | 3.44       |      | 1.50                       | 25000                        | 79                               | 44                     |
| HC-80-6T/H     | 945              | 3.90                              | 2.20       |      | 0.75                       | 22000                        | 71                               | 45                     |
| HC-80-6/12T/H  | 935 / 435        |                                   | 2.2 / 0.87 |      | 0.75/0.15                  | 22000/11000                  | 71/56                            | 44                     |
| HC-80-6T/L     | 900              | 2.99                              | 1.73       |      | 0.55                       | 19200                        | 70                               | 39                     |
| HC-90-4T/H     | 1440             | 14.10                             | 8.12       |      | 4.00                       | 43700                        | 86                               | 68                     |
| HC-90-4/8T/H   | 1430 / 710       |                                   | 8.2 / 2.9  |      | 4.00/0.80                  | 43700/21850                  | 86/69                            | 74                     |
| HC-90-4T/L     | 1445             | 10.96                             | 6.33       |      | 3.00                       | 33700                        | 83                               | 63                     |
| HC-90-6T/H     | 955              | 6.42                              | 3.71       |      | 1.50                       | 33300                        | 76                               | 60                     |
| HC-90-6/12T/H  | 970 / 470        |                                   | 4.6 / 1.9  |      | 1.50/0.25                  | 33300/16650                  | 76/61                            | 70                     |
| HC-90-6T/L     | 945              | 4.88                              | 2.82       |      | 1.10                       | 26550                        | 73                               | 55                     |
| HC-90-8T/H     | 695              | 3.53                              | 2.04       |      | 0.55                       | 19800                        | 69                               | 54                     |
| HC-100-4T/H    | 1440             |                                   | 11.60      | 6.72 | 5.50                       | 54000                        | 88                               | 85                     |
| HC-100-4/8T/H  | 1450 / 720       |                                   | 11.8 / 3.8 |      | 5.50/1.10                  | 54000/27000                  | 88/73                            | 95                     |
| HC-100-4T/L    | 1440             | 14.10                             | 8.12       |      | 4.00                       | 42750                        | 84                               | 71                     |
| HC-100-6T/H    | 955              | 6.42                              | 3.71       |      | 1.50                       | 37000                        | 78                               | 63                     |
| HC-100-6/12T/H | 970 / 470        |                                   | 4.6 / 1.9  |      | 1.50/0.25                  | 37000/18500                  | 78/63                            | 73                     |
| HC-100-6T/L    | 945              | 4.88                              | 2.82       |      | 1.10                       | 29000                        | 76                               | 58                     |
| HC-100-8T/H    | 705              | 4.68                              | 2.70       |      | 0.75                       | 26950                        | 72                               | 61                     |



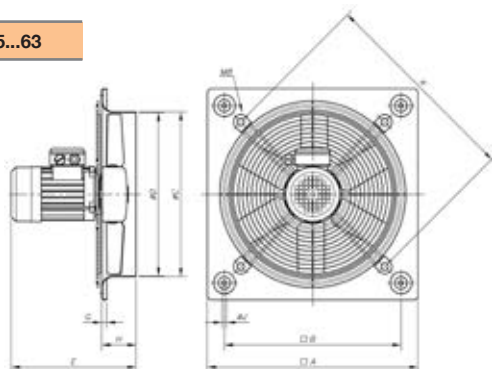
## Erp. BEP (best efficiency point) characteristics

|            |                       |                |                                            |
|------------|-----------------------|----------------|--------------------------------------------|
| <b>MC</b>  | Measurement category  | <b>ηe[%]</b>   | Efficiency                                 |
| <b>EC</b>  | Efficiency category   | <b>N</b>       | Degree of efficiency                       |
| <b>S</b>   | Static                | <b>[kW]</b>    | Electrical power                           |
| <b>T</b>   | Total                 | <b>[m³/h]</b>  | Airflow                                    |
| <b>VSD</b> | Variable-speed drive  | <b>[mmH₂O]</b> | Static or total pressure (According to EC) |
| <b>SR</b>  | Specific relationship | <b>[RPM]</b>   | Speed                                      |

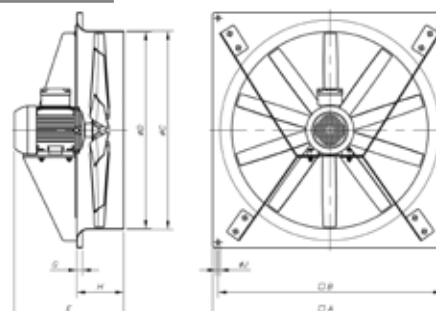
| Model          | MC | EC | VSD | SR   | ηe[%] | N    | (kW)  | (m³/h) | mmH₂O | (RPM) |
|----------------|----|----|-----|------|-------|------|-------|--------|-------|-------|
| HC-25-4T/H     | -  | -  | -   | -    | -     | -    | 0.099 | 707    | 5.15  | 1407  |
| HC-25-4M/H     | -  | -  | -   | -    | -     | -    | 0.102 | 693    | 5.24  | 1432  |
| HC-31-2T/H     | A  | S  | NO  | 1.00 | 28.7% | 38.5 | 0.284 | 1781   | 16.86 | 2743  |
| HC-31-2M/H     | A  | S  | NO  | 1.00 | 27.9% | 37.5 | 0.296 | 1764   | 17.16 | 2783  |
| HC-31-4T/H     | -  | -  | -   | -    | -     | -    | 0.110 | 1392   | 6.66  | 1397  |
| HC-31-4M/H     | -  | -  | -   | -    | -     | -    | 0.116 | 1388   | 6.68  | 1423  |
| HC-31-4T/L     | -  | -  | -   | -    | -     | -    | 0.099 | 922    | 6.81  | 1389  |
| HC-31-4M/L     | -  | -  | -   | -    | -     | -    | 0.104 | 948    | 6.44  | 1432  |
| HC-35-2T/H     | A  | S  | NO  | 1.00 | 35.6% | 43.4 | 0.584 | 3352   | 22.79 | 2703  |
| HC-35-4T/H     | A  | S  | NO  | 1.00 | 31.5% | 43.1 | 0.144 | 2044   | 8.13  | 1365  |
| HC-35-4M/H     | A  | S  | NO  | 1.00 | 26.3% | 37.5 | 0.172 | 2028   | 8.19  | 1387  |
| HC-35-4T/L     | -  | -  | -   | -    | -     | -    | 0.115 | 1466   | 6.79  | 1393  |
| HC-35-4M/L     | -  | -  | -   | -    | -     | -    | 0.123 | 1502   | 6.63  | 1419  |
| HC-40-4T/H     | A  | S  | NO  | 1.00 | 29.8% | 39.5 | 0.290 | 3617   | 8.79  | 1395  |
| HC-40-4M/H     | A  | S  | NO  | 1.00 | 28.0% | 37.5 | 0.311 | 3713   | 8.63  | 1406  |
| HC-40-4T/L     | A  | S  | NO  | 1.00 | 30.6% | 41.7 | 0.174 | 2394   | 8.17  | 1337  |
| HC-40-4M/L     | A  | S  | NO  | 1.00 | 26.7% | 37.5 | 0.199 | 2375   | 8.23  | 1369  |
| HC-45-4T/H     | A  | S  | NO  | 1.00 | 36.3% | 45.0 | 0.423 | 4282   | 13.18 | 1403  |
| HC-45-4M/H     | A  | S  | NO  | 1.00 | 31.4% | 39.7 | 0.490 | 4333   | 13.05 | 1418  |
| HC-45-4T/L     | A  | S  | NO  | 1.00 | 31.9% | 41.7 | 0.283 | 3635   | 9.12  | 1398  |
| HC-45-4M/L     | A  | S  | NO  | 1.00 | 28.1% | 37.5 | 0.322 | 3728   | 8.93  | 1403  |
| HC-45-6T/H     | A  | S  | NO  | 1.00 | 28.8% | 39.7 | 0.190 | 2675   | 7.51  | 935   |
| HC-45-6M/H     | A  | S  | NO  | 1.00 | 26.8% | 37.5 | 0.205 | 2819   | 7.17  | 953   |
| HC-50-4T/H     | A  | S  | NO  | 1.00 | 34.2% | 41.8 | 0.611 | 5349   | 14.34 | 1412  |
| HC-50-4M/H     | A  | S  | NO  | 1.00 | 29.7% | 37.0 | 0.708 | 5551   | 13.90 | 1418  |
| HC-50-4T/L     | A  | S  | NO  | 1.00 | 40.8% | 49.9 | 0.360 | 4320   | 12.50 | 1370  |
| HC-50-4M/L     | A  | S  | NO  | 1.00 | 37.2% | 46.0 | 0.395 | 4120   | 13.08 | 1381  |
| HC-56-4T/H     | A  | S  | NO  | 1.00 | 35.8% | 41.9 | 1.066 | 8315   | 16.85 | 1421  |
| HC-56-4/8T/H   | A  | S  | NO  | 1.00 | 31.9% | 37.7 | 1.205 | 8515   | 16.59 | 1454  |
| HC-56-4T/L     | A  | S  | NO  | 1.00 | 38.7% | 46.1 | 0.661 | 7355   | 12.76 | 1405  |
| HC-56-4M/L     | A  | S  | NO  | 1.00 | 38.1% | 45.6 | 0.673 | 7501   | 12.57 | 1422  |
| HC-56-6T/H     | A  | S  | NO  | 1.00 | 32.6% | 41.8 | 0.353 | 5086   | 8.30  | 941   |
| HC-56-6M/H     | A  | S  | NO  | 1.00 | 28.7% | 37.6 | 0.402 | 5247   | 8.09  | 929   |
| HC-63-4T/H     | C  | S  | NO  | 1.00 | 40.1% | 46.0 | 1.164 | 9340   | 18.35 | 1413  |
| HC-63-4/8T/H   | C  | S  | NO  | 1.00 | 32.4% | 37.8 | 1.429 | 9621   | 17.69 | 1445  |
| HC-63-4T/L     | C  | S  | NO  | 1.00 | 40.7% | 47.6 | 0.806 | 8607   | 14.00 | 1423  |
| HC-63-4M/L     | C  | S  | NO  | 1.00 | 33.3% | 39.7 | 0.986 | 8333   | 14.47 | 1385  |
| HC-63-6T/H     | C  | S  | NO  | 1.00 | 33.4% | 41.5 | 0.521 | 7201   | 8.89  | 913   |
| HC-63-6M/H     | C  | S  | NO  | 1.00 | 31.7% | 39.6 | 0.554 | 7578   | 8.51  | 903   |
| HC-71-4T/H     | C  | S  | NO  | 1.00 | 42.0% | 46.8 | 1.793 | 13627  | 20.31 | 1431  |
| HC-71-4/8T/H   | C  | S  | NO  | 1.00 | 37.6% | 42.0 | 2.034 | 13456  | 20.90 | 1421  |
| HC-71-6T/H     | C  | S  | NO  | 1.00 | 34.4% | 41.9 | 0.667 | 9443   | 8.94  | 963   |
| HC-71-6/12T/H  | C  | S  | NO  | 1.00 | 30.7% | 37.7 | 0.798 | 10137  | 8.89  | 953   |
| HC-71-6M/H     | C  | S  | NO  | 1.00 | 29.4% | 36.4 | 0.772 | 10923  | 7.63  | 929   |
| HC-80-4T/H     | C  | S  | NO  | 1.00 | 48.4% | 51.5 | 3.247 | 19996  | 28.89 | 1449  |
| HC-80-4/8T/H   | C  | S  | NO  | 1.00 | 42.8% | 45.5 | 3.680 | 20166  | 28.66 | 1433  |
| HC-80-4T/L     | C  | S  | NO  | 1.00 | 50.1% | 54.8 | 1.814 | 12760  | 26.16 | 1430  |
| HC-80-6T/H     | C  | S  | NO  | 1.00 | 44.3% | 50.8 | 0.935 | 12533  | 12.14 | 948   |
| HC-80-6/12T/H  | C  | S  | NO  | 1.00 | 39.8% | 46.0 | 1.041 | 12670  | 12.02 | 939   |
| HC-80-6T/L     | C  | S  | NO  | 1.00 | 46.3% | 53.3 | 0.802 | 10262  | 13.31 | 902   |
| HC-90-4T/H     | C  | S  | NO  | 1.00 | 49.2% | 52.0 | 3.650 | 24299  | 27.16 | 1452  |
| HC-90-4/8T/H   | C  | S  | NO  | 1.00 | 43.0% | 45.4 | 4.191 | 24026  | 27.54 | 1439  |
| HC-90-4T/L     | C  | S  | NO  | 1.00 | 45.7% | 49.1 | 2.923 | 19552  | 25.10 | 1454  |
| HC-90-6T/H     | C  | S  | NO  | 1.00 | 40.2% | 45.1 | 1.640 | 15731  | 15.38 | 961   |
| HC-90-6/12T/H  | C  | S  | NO  | 1.00 | 37.1% | 41.8 | 1.778 | 15887  | 15.24 | 974   |
| HC-90-6T/L     | C  | S  | NO  | 1.00 | 41.5% | 47.1 | 1.301 | 14635  | 13.55 | 949   |
| HC-90-8T/H     | C  | S  | NO  | 1.00 | 39.2% | 46.7 | 0.667 | 11772  | 8.16  | 707   |
| HC-100-4T/H    | C  | S  | NO  | 1.00 | 47.2% | 48.6 | 5.992 | 28190  | 36.83 | 1442  |
| HC-100-4/8T/H  | C  | S  | NO  | 1.00 | 42.8% | 43.9 | 6.592 | 28757  | 36.01 | 1453  |
| HC-100-4T/L    | C  | S  | NO  | 1.00 | 49.9% | 52.0 | 4.634 | 23348  | 36.36 | 1440  |
| HC-100-6T/H    | C  | S  | NO  | 1.00 | 50.5% | 55.1 | 1.905 | 20265  | 17.44 | 954   |
| HC-100-6/12T/H | C  | S  | NO  | 1.00 | 48.3% | 52.8 | 1.992 | 20356  | 17.37 | 971   |
| HC-100-6T/L    | C  | S  | NO  | 1.00 | 49.3% | 54.8 | 1.342 | 17161  | 14.17 | 948   |
| HC-100-8T/H    | C  | S  | NO  | 1.00 | 37.8% | 44.1 | 1.023 | 16029  | 8.86  | 709   |

# Dimensions in mm

HC 25...63



HC 71...100



| Model        | ∅A  | ∅B  | ∅C    | ∅D  | E     | G  | H    | ∅J   | K   |
|--------------|-----|-----|-------|-----|-------|----|------|------|-----|
| HC-25        | 330 | 275 | 262   | 260 | 236.5 | 11 | 56   | 8.5  | 310 |
| HC-31-2      | 400 | 336 | 310.5 | 308 | 264.5 | 11 | 65   | 10.5 | 380 |
| HC-31-4      | 400 | 336 | 310.5 | 308 | 245.5 | 11 | 65   | 10.5 | 380 |
| HC-35-2      | 465 | 390 | 362.5 | 360 | 275.5 | 11 | 76   | 10.5 | 450 |
| HC-35-4      | 465 | 390 | 362.5 | 360 | 256.5 | 11 | 76   | 10.5 | 450 |
| HC-40-4.../H | 532 | 452 | 412.5 | 410 | 297.5 | 11 | 97.5 | 10.5 | 500 |
| HC-40-4.../L | 532 | 452 | 412.5 | 410 | 278.5 | 11 | 97.5 | 10.5 | 500 |
| HC-40-6.../H | 532 | 452 | 412.5 | 410 | 308.5 | 11 | 97.5 | 10.5 | 500 |
| HC-45-4.../H | 596 | 504 | 462.5 | 460 | 315.5 | 11 | 105  | 10.5 | 560 |
| HC-45-4.../L | 596 | 504 | 462.5 | 460 | 304.5 | 11 | 105  | 10.5 | 560 |
| HC-45-6.../H | 596 | 504 | 462.5 | 460 | 315.5 | 11 | 105  | 10.5 | 560 |
| HC-50-4T/H   | 665 | 562 | 516.5 | 514 | 325.5 | 11 | 115  | 10.5 | 640 |
| HC-50-4M/H   | 665 | 562 | 516.5 | 514 | 351   | 11 | 115  | 10.5 | 640 |
| HC-50-4.../L | 665 | 562 | 516.5 | 514 | 283.5 | 11 | 115  | 10.5 | 640 |
| HC-50-6.../H | 665 | 562 | 516.5 | 514 | 351   | 11 | 115  | 10.5 | 640 |
| HC-56-4T/H   | 710 | 630 | 563   | 560 | 374   | 15 | 115  | 10.5 | 721 |
| HC-56-4T/L   | 710 | 630 | 563   | 560 | 325.5 | 15 | 115  | 10.5 | 721 |
| HC-56-4M/L   | 710 | 630 | 563   | 560 | 351   | 15 | 115  | 10.5 | 721 |
| HC-56-6.../H | 710 | 630 | 563   | 560 | 351   | 15 | 115  | 10.5 | 721 |
| HC-63-4T/H   | 800 | 710 | 638   | 635 | 399   | 15 | 140  | 10.5 | 820 |
| HC-63-4.../L | 800 | 710 | 638   | 635 | 376   | 15 | 140  | 10.5 | 820 |
| HC-63-6.../H | 800 | 710 | 638   | 635 | 376   | 15 | 140  | 10.5 | 820 |

| Model       | ∅A   | ∅B   | ∅C   | ∅D  | E   | G  | H   | ∅J   |
|-------------|------|------|------|-----|-----|----|-----|------|
| HC-71-4T/H  | 850  | 810  | 715  | 711 | 395 | 20 | 170 | 14.5 |
| HC-71-6T/H  | 850  | 810  | 715  | 711 | 395 | 20 | 170 | 14.5 |
| HC-80-4T/H  | 970  | 910  | 801  | 797 | 488 | 20 | 210 | 14.5 |
| HC-80-4T/L  | 970  | 910  | 801  | 797 | 458 | 20 | 210 | 14.5 |
| HC-80-6T/H  | 970  | 910  | 801  | 797 | 458 | 20 | 210 | 14.5 |
| HC-80-6T/L  | 970  | 910  | 801  | 797 | 416 | 20 | 210 | 14.5 |
| HC-90-4T/H  | 1170 | 1110 | 918  | 914 | 511 | 20 | 210 | 14.5 |
| HC-90-4T/L  | 1170 | 1110 | 918  | 914 | 488 | 20 | 210 | 14.5 |
| HC-90-6T/H  | 1170 | 1110 | 918  | 914 | 488 | 20 | 210 | 14.5 |
| HC-90-6T/L  | 1170 | 1110 | 918  | 914 | 455 | 20 | 210 | 14.5 |
| HC-90-8T/H  | 1170 | 1110 | 918  | 914 | 455 | 20 | 210 | 14.5 |
| HC-100-4T/H | 1170 | 1110 | 1003 | 999 | 548 | 20 | 220 | 14.5 |
| HC-100-4T/L | 1170 | 1110 | 1003 | 999 | 521 | 20 | 220 | 14.5 |
| HC-100-6T/H | 1170 | 1110 | 1003 | 999 | 498 | 20 | 220 | 14.5 |
| HC-100-6T/L | 1170 | 1110 | 1003 | 999 | 468 | 20 | 220 | 14.5 |
| HC-100-8T/H | 1170 | 1110 | 1003 | 999 | 498 | 20 | 220 | 14.5 |

## Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

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

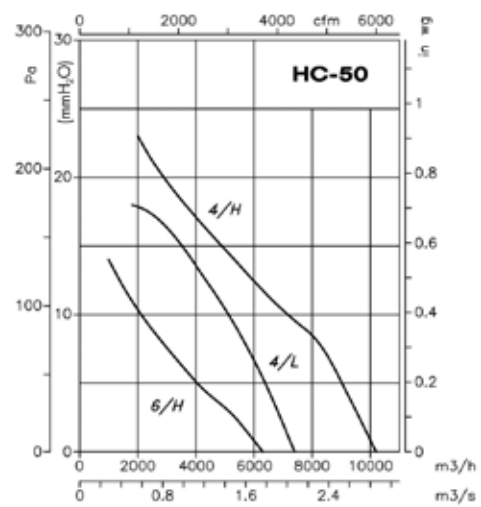
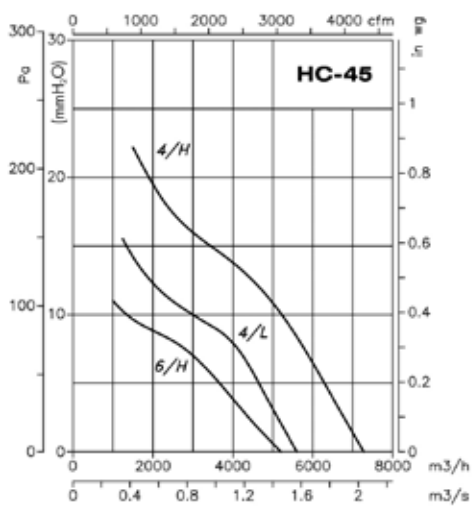
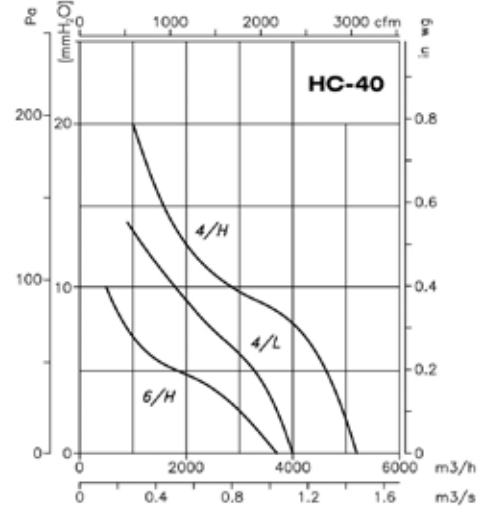
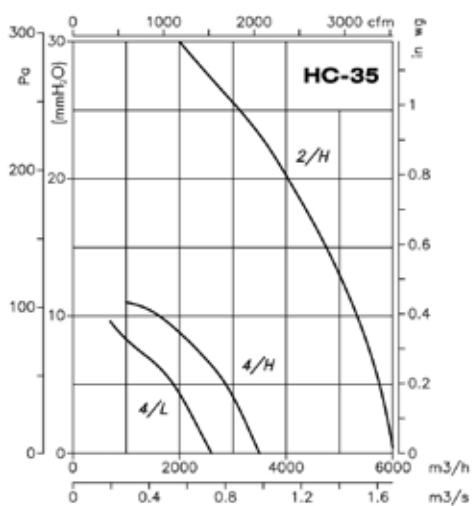
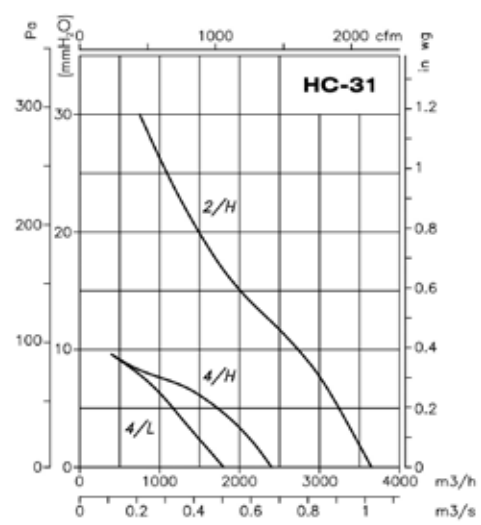
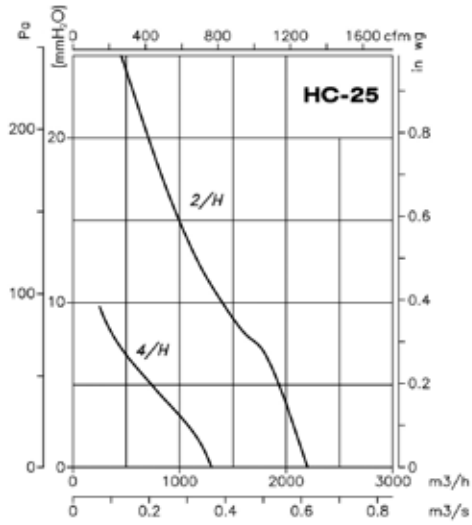
| Model  | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|--------|----|-----|-----|-----|------|------|------|------|
| 25-2/H | 38 | 48  | 65  | 65  | 73   | 69   | 62   | 53   |
| 25-4/H | 25 | 35  | 52  | 52  | 60   | 56   | 49   | 40   |
| 31-2/H | 46 | 56  | 73  | 73  | 81   | 77   | 70   | 61   |
| 31-4/H | 28 | 38  | 55  | 55  | 63   | 59   | 52   | 43   |
| 31-4/L | 26 | 36  | 53  | 53  | 61   | 57   | 50   | 41   |
| 35-2/H | 50 | 60  | 77  | 77  | 85   | 81   | 74   | 65   |
| 35-4/H | 32 | 42  | 59  | 59  | 67   | 63   | 56   | 47   |
| 35-4/L | 30 | 40  | 57  | 57  | 65   | 61   | 54   | 45   |
| 40-4/H | 28 | 45  | 57  | 65  | 70   | 70   | 66   | 59   |
| 40-4/L | 29 | 45  | 55  | 59  | 66   | 66   | 62   | 55   |
| 40-6/H | 20 | 37  | 49  | 57  | 62   | 62   | 58   | 51   |
| 45-4/H | 33 | 50  | 63  | 70  | 75   | 76   | 71   | 64   |
| 45-4/L | 36 | 51  | 61  | 66  | 72   | 73   | 69   | 62   |
| 45-6/H | 24 | 41  | 54  | 61  | 66   | 67   | 62   | 55   |
| 50-4/H | 36 | 53  | 66  | 73  | 78   | 79   | 74   | 67   |
| 50-4/L | 39 | 54  | 64  | 69  | 75   | 76   | 72   | 65   |
| 50-6/H | 26 | 43  | 56  | 63  | 68   | 69   | 64   | 57   |
| 56-4/H | 39 | 56  | 69  | 76  | 81   | 82   | 77   | 70   |
| 56-6/H | 28 | 45  | 58  | 65  | 70   | 71   | 66   | 59   |
| 56-8/H | 24 | 41  | 54  | 61  | 66   | 67   | 62   | 55   |
| 56-4/L | 43 | 58  | 68  | 73  | 79   | 80   | 76   | 69   |
| 63-4/H | 43 | 60  | 73  | 80  | 85   | 86   | 81   | 74   |
| 63-6/H | 33 | 50  | 63  | 70  | 75   | 76   | 71   | 64   |
| 63-8/H | 28 | 45  | 58  | 65  | 70   | 71   | 66   | 59   |

| Model    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|----------|----|-----|-----|-----|------|------|------|------|
| 63-4/L   | 48 | 63  | 73  | 78  | 84   | 85   | 81   | 74   |
| 71-4/H   | 47 | 64  | 77  | 84  | 89   | 90   | 85   | 78   |
| 71-6T/H  | 35 | 52  | 65  | 72  | 77   | 78   | 73   | 66   |
| 71-6M/H  | 34 | 51  | 64  | 71  | 76   | 77   | 72   | 65   |
| 71-8/H   | 32 | 49  | 62  | 69  | 74   | 75   | 70   | 63   |
| 71-12/H  | 20 | 37  | 50  | 57  | 62   | 63   | 58   | 51   |
| 80-4/H   | 60 | 81  | 88  | 93  | 96   | 92   | 85   | 74   |
| 80-6/H   | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   |
| 80-8/H   | 45 | 66  | 73  | 78  | 81   | 77   | 70   | 59   |
| 80-12/H  | 34 | 55  | 62  | 67  | 70   | 66   | 59   | 48   |
| 80-4/L   | 57 | 78  | 85  | 90  | 93   | 89   | 82   | 71   |
| 80-6/L   | 48 | 69  | 76  | 81  | 84   | 80   | 73   | 62   |
| 90-4/H   | 64 | 85  | 92  | 97  | 100  | 96   | 89   | 78   |
| 90-6/H   | 54 | 75  | 82  | 87  | 90   | 86   | 79   | 68   |
| 90-8/H   | 47 | 68  | 75  | 80  | 83   | 79   | 72   | 61   |
| 90-12/H  | 39 | 60  | 67  | 72  | 75   | 71   | 64   | 53   |
| 90-4/L   | 61 | 82  | 89  | 94  | 97   | 93   | 86   | 75   |
| 90-6/L   | 51 | 72  | 79  | 84  | 87   | 83   | 76   | 65   |
| 100-4/H  | 68 | 88  | 96  | 101 | 103  | 100  | 93   | 82   |
| 100-6/H  | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   |
| 100-8/H  | 52 | 72  | 80  | 85  | 87   | 84   | 77   | 66   |
| 100-12/H | 43 | 63  | 71  | 76  | 78   | 75   | 68   | 57   |
| 100-4/L  | 64 | 84  | 92  | 97  | 99   | 96   | 89   | 78   |
| 100-6/L  | 56 | 76  | 84  | 89  | 91   | 88   | 81   | 70   |

### Characteristic curves

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

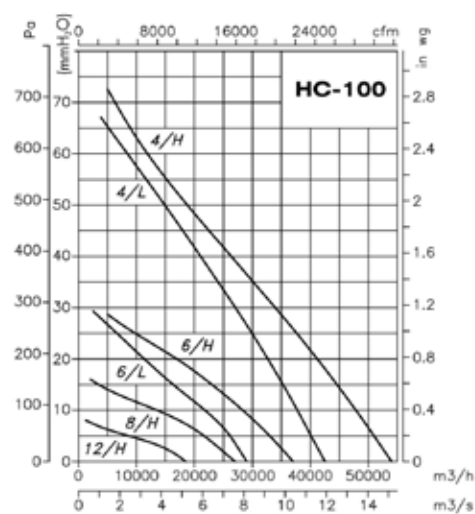
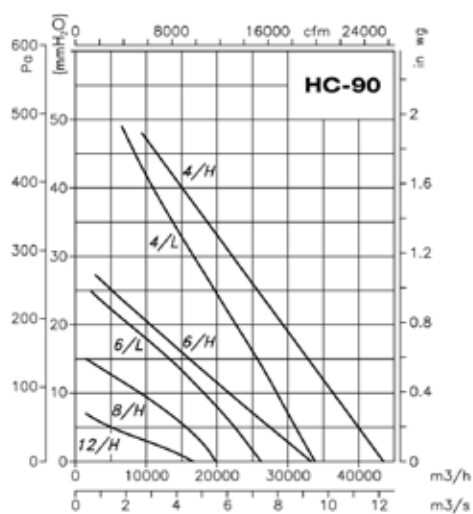
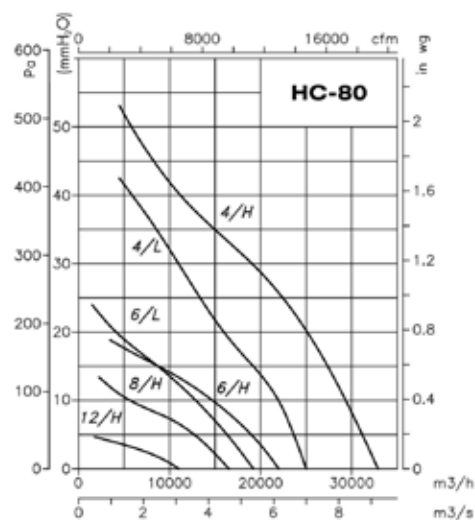
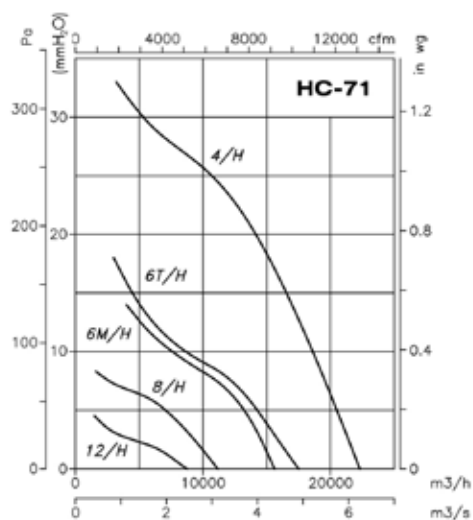
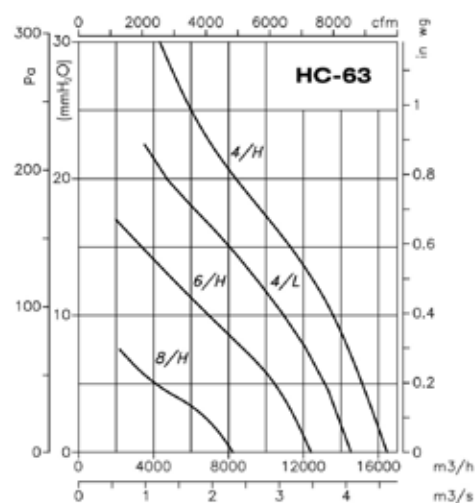
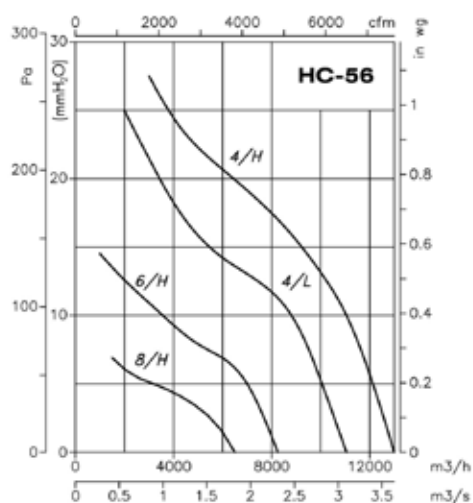
Pe = Static pressure in mmH<sub>2</sub>O, Pa and inwg.



## Characteristic curves

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

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



## Accessories

See accessories section.

