



## Technical characteristics

| Model           | Speed<br>(r/min) | Maximum admissible<br>current (A) |       |      | Installed<br>power<br>(kW) | Maximum<br>flow rate<br>(m³/h) | Sound<br>pressure level<br>dB(A) | Approx.<br>weight<br>(kg) | According<br>to ErP |
|-----------------|------------------|-----------------------------------|-------|------|----------------------------|--------------------------------|----------------------------------|---------------------------|---------------------|
|                 |                  | 230V                              | 400V  | 690V |                            |                                |                                  |                           |                     |
| HC-31-2M/H      | 2700             | 1.85                              |       |      | 0.18                       | 3600                           | 72                               | 6                         | 2015                |
| HC-31-4T/H      | 1350             | 1.10                              | 0.60  |      | 0.09                       | 2400                           | 54                               | 6                         | Excluded            |
| HC-31-4M/H      | 1430             | 0.99                              |       |      | 0.10                       | 2400                           | 54                               | 6                         | Excluded            |
| HC-35-2T/H      | 2710             | 1.92                              | 1.11  |      | 0.37                       | 6050                           | 76                               | 8                         | 2015                |
| HC-35-4T/H      | 1350             | 1.10                              | 0.60  |      | 0.09                       | 3550                           | 58                               | 7                         | 2015                |
| HC-35-4M/H      | 1440             | 1.08                              |       |      | 0.10                       | 3550                           | 58                               | 7                         | 2015                |
| HC-40-4T/H      | 1350             | 1.66                              | 0.96  |      | 0.25                       | 5200                           | 63                               | 10                        | 2015                |
| HC-40-4M/H      | 1370             | 2.00                              |       |      | 0.25                       | 5200                           | 63                               | 10                        | 2015                |
| HC-40-6T/H      | 900              | 1.51                              | 0.87  |      | 0.25                       | 3700                           | 55                               | 10                        | 2015                |
| 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                        | 2015                |
| HC-45-4M/H      | 1400             | 2.76                              |       |      | 0.37                       | 7300                           | 66                               | 14                        | 2015                |
| HC-45-6T/H      | 900              | 1.51                              | 0.87  |      | 0.25                       | 5150                           | 57                               | 14                        | 2015                |
| HC-45-6M/H      | 950              | 1.50                              |       |      | 0.25                       | 5150                           | 57                               | 14                        | 2015                |
| HC-50-4T/H      | 1380             | 2.92                              | 1.69  |      | 0.55                       | 10200                          | 69                               | 18                        | 2015                |
| HC-50-4M/H      | 1350             | 5.02                              |       |      | 0.55                       | 10200                          | 69                               | 18                        | 2015                |
| HC-50-6T/H      | 900              | 2.24                              | 1.30  |      | 0.37                       | 6300                           | 59                               | 18                        | 2015                |
| HC-50-6M/H      | 900              | 2.69                              |       |      | 0.37                       | 6300                           | 59                               | 18                        | *                   |
| HC-56-4T/H IE3  | 1455             | 4.07                              | 2.34  |      | 1.10                       | 13000                          | 72                               | 28                        | 2015                |
| HC-56-6T/H      | 900              | 2.24                              | 1.30  |      | 0.37                       | 8300                           | 61                               | 19                        | 2015                |
| HC-56-6M/H      | 900              | 2.69                              |       |      | 0.37                       | 8300                           | 61                               | 19                        | 2015                |
| HC-63-4T/H IE3  | 1455             | 4.07                              | 2.34  |      | 1.10                       | 16450                          | 74                               | 30                        | 2015                |
| HC-63-6T/H      | 900              | 2.24                              | 1.30  |      | 0.37                       | 12350                          | 64                               | 21                        | 2015                |
| HC-63-6M/H      | 890              | 3.00                              |       |      | 0.37                       | 12350                          | 64                               | 21                        | 2015                |
| HC-71-4T/H IE3  | 1440             | 5.41                              | 3.11  |      | 1.50                       | 22150                          | 78                               | 43                        | 2015                |
| HC-71-6T/H IE3  | 940              | 3.36                              | 1.93  |      | 0.75                       | 17300                          | 66                               | 39                        | 2015                |
| HC-71-6M/H      | 900              | 4.97                              |       |      | 0.75                       | 15600                          | 65                               | 36                        | 2015                |
| HC-80-4T/H IE3  | 1440             | 10.70                             | 6.15  |      | 3.00                       | 33000                          | 82                               | 60                        | 2015                |
| HC-80-6T/H IE3  | 940              | 3.36                              | 1.93  |      | 0.75                       | 22000                          | 71                               | 48                        | 2015                |
| HC-90-4T/H IE3  | 1450             | 13.90                             | 8.00  |      | 4.00                       | 43700                          | 86                               | 70                        | 2015                |
| HC-90-6T/H IE3  | 950              | 6.43                              | 3.70  |      | 1.50                       | 33300                          | 76                               | 64                        | 2015                |
| HC-100-4T/H IE3 | 1465             |                                   | 10.30 | 5.97 | 5.50                       | 54000                          | 88                               | 108                       | 2015                |
| HC-100-6T/H IE3 | 950              | 6.43                              | 3.70  |      | 1.50                       | 37000                          | 78                               | 67                        | 2015                |

\* Equipment not covered by Directive 2009/125/EC



## Erp. (Energy Related Products)

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

## Acoustic characteristics

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

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

| Model   | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Model    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---------|----|-----|-----|-----|------|------|------|------|----------|----|-----|-----|-----|------|------|------|------|
| 25-2T/H | 38 | 48  | 65  | 65  | 73   | 69   | 62   | 53   | 56-6T/H  | 28 | 45  | 58  | 65  | 70   | 71   | 66   | 59   |
| 25-4T/H | 25 | 35  | 52  | 52  | 60   | 56   | 49   | 40   | 63-4T/H  | 43 | 60  | 73  | 80  | 85   | 86   | 81   | 74   |
| 31-2T/H | 46 | 56  | 73  | 73  | 81   | 77   | 70   | 61   | 63-6T/H  | 33 | 50  | 63  | 70  | 75   | 76   | 71   | 64   |
| 31-4T/H | 28 | 38  | 55  | 55  | 63   | 59   | 52   | 43   | 71-4T/H  | 47 | 64  | 77  | 84  | 89   | 90   | 85   | 78   |
| 35-2T/H | 50 | 60  | 77  | 77  | 85   | 81   | 74   | 65   | 71-6T/H  | 35 | 52  | 65  | 72  | 77   | 78   | 73   | 66   |
| 35-4T/H | 32 | 42  | 59  | 59  | 67   | 63   | 56   | 47   | 80-4T/H  | 60 | 81  | 88  | 93  | 96   | 92   | 85   | 74   |
| 40-4T/H | 28 | 45  | 57  | 65  | 70   | 70   | 66   | 59   | 80-6T/H  | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   |
| 40-6T/H | 20 | 37  | 49  | 57  | 62   | 62   | 58   | 51   | 90-4T/H  | 64 | 85  | 92  | 97  | 100  | 96   | 89   | 78   |
| 45-4T/H | 33 | 50  | 63  | 70  | 75   | 76   | 71   | 64   | 90-6T/H  | 54 | 75  | 82  | 87  | 90   | 86   | 79   | 68   |
| 45-6T/H | 24 | 41  | 54  | 61  | 66   | 67   | 62   | 55   | 100-4T/H | 68 | 88  | 96  | 101 | 103  | 100  | 93   | 82   |
| 50-4T/H | 36 | 53  | 66  | 73  | 78   | 79   | 74   | 67   | 100-6T/H | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   |
| 50-6T/H | 26 | 43  | 56  | 63  | 68   | 69   | 64   | 57   |          |    |     |     |     |      |      |      |      |
| 56-4T/H | 39 | 56  | 69  | 76  | 81   | 82   | 77   | 70   |          |    |     |     |     |      |      |      |      |





