

# Multifan



## Multifan technical data 50 Hz single-phase

| 230V<br>50Hz  |               | Impeller<br>range<br>cm | Watt | W/1000<br>m3/h | Noise<br>Level<br>dB(A) | Motor<br>protection<br>switch<br>Amp. | Control-<br>lable*<br>T/E | Amp.<br>230V | Cond.<br>uF/400 | kg   |
|---------------|---------------|-------------------------|------|----------------|-------------------------|---------------------------------------|---------------------------|--------------|-----------------|------|
| n             | Type          |                         |      |                |                         |                                       |                           |              |                 |      |
| 1400rpm       | 2E30Q         | 30                      | 320  | 89,6           | 61                      | 1,9                                   | T/E                       | 1,5          | 8               | 9    |
|               | 2E30-6PP-40Q  | 30                      | 600  | 142,9          | 64                      | 4,2                                   | T                         | 2,4          | 16              | 12   |
|               | 2E35Q         | 35                      | 320  | 66,0           | 65                      | 2,8                                   | T/E                       | 1,5          | 8               | 10   |
|               | 4WS20         | 20                      | 60   | 92,3           | 43                      | 0,6                                   | T/E                       | 0,5          | -               | 3,6  |
|               | 4WS25         | 25                      | 70   | 58,3           | 45                      | 0,9                                   | T/E                       | 0,8          | -               | 4,6  |
|               | 4E30Q         | 30                      | 104  | 43,3           | 44                      | 0,6                                   | T/E                       | 0,5          | 3               | 9,4  |
|               | 4E35Q         | 35                      | 170  | 48,2           | 47                      | 1,1                                   | T/E                       | 0,9          | 4               | 10,4 |
|               | 4E40Q         | 40                      | 237  | 48,9           | 50                      | 1,3                                   | T/E                       | 1,1          | 6               | 11,3 |
|               | 4E45Q         | 45                      | 317  | 49,5           | 52                      | 1,9                                   | T/E                       | 1,6          | 8               | 13,1 |
|               | 4E50Q         | 50                      | 443  | 53,3           | 55                      | 2,4                                   | T/E                       | 2,0          | 12              | 15,5 |
|               | 4E50-6PP-40Q  | 50                      | 710  | 72,7           | 57                      | 4,6                                   | T/E                       | 3,8          | 16              | 18   |
|               | 4E50-6PP-45Q  | 50                      | 530  | 59,9           | 60                      | 3,2                                   | T                         | 2,7          | 16              | 15,5 |
|               | 4E63Q         | 63                      | 1600 | 92,5           | 68                      | 8,4                                   | -                         | 7,0          | 31              | 28   |
|               | 4E125-4PP-20Q | 125                     | 1140 | 30,5           | 64                      | 5,8                                   | -                         | 4,8          | 25              | 39   |
| 4E125-4PP-25Q | 125           | 1580                    | 36,9 | 65             | 8,2                     | -                                     | 6,8                       | 40           | 41              |      |
| 900 rpm       | 6E40Q         | 40                      | 170  | 45,2           | 47                      | 1,3                                   | T/E                       | 1,1          | 6               | 10   |
|               | 6E45Q         | 45                      | 260  | 51,5           | 51                      | 1,7                                   | T/E                       | 1,4          | 10              | 12   |
|               | 6E50Q         | 50                      | 310  | 43,2           | 51                      | 1,8                                   | T/E                       | 1,5          | 8               | 13   |
|               | 6E56Q         | 56                      | 530  | 53,3           | 52                      | 2,9                                   | T/E                       | 2,4          | 16              | 22   |
|               | 6E63Q         | 63                      | 600  | 49,9           | 53                      | 3,6                                   | T/E                       | 3,0          | 16              | 23   |
|               | 6E71Q         | 71                      | 630  | 48,4           | 60                      | 3,6                                   | T/E                       | 3,0          | 16              | 25   |
|               | 6E71-4PP-40   | 71                      | 730  | 46,7           | 60                      | 4,2                                   | T/E                       | 3,5          | 16              | 26   |
|               | 6E92Q         | 92                      | 790  | 37,4           | 61                      | 4,2                                   | T/E                       | 3,8          | 16              | 29   |

\* Controllable by Transformer (T) or Electronically (E)

# Multifan



## Multifan capacities single-phase in m<sup>3</sup>/h (50 Hz)

| 230V<br>50Hz  |               | Pa max | 0 Pa  | 30 Pa | 50 Pa | 80 Pa | 100 Pa | 150 Pa | 200 Pa | 250 Pa |
|---------------|---------------|--------|-------|-------|-------|-------|--------|--------|--------|--------|
| n             | Type          |        |       |       |       |       |        |        |        |        |
| 2800 rpm      | 2E30Q         | 120    | 3570  | 3180  | 2970  | 2750  | 2550   | -      | -      | -      |
|               | 2E30-6PP-40Q  | 250    | 4200  | 3950  | 3820  | 3630  | 3500   | 3190   | 2860   | 2320   |
|               | 2E35Q         | 190    | 4850  | 4460  | 4260  | 4000  | 3800   | 3060   | -      | -      |
| 1400rpm       | 4WS20         | 20     | 650   | -     | -     | -     | -      | -      | -      | -      |
|               | 4WS25         | 30     | 1200  | 970   | -     | -     | -      | -      | -      | -      |
|               | 4E30Q         | 60     | 2400  | 2140  | 1870  | -     | -      | -      | -      | -      |
|               | 4E35Q         | 75     | 3530  | 3200  | 2910  | -     | -      | -      | -      | -      |
|               | 4E40Q         | 75     | 4840  | 4380  | 4030  | -     | -      | -      | -      | -      |
|               | 4E45Q         | 95     | 6400  | 5860  | 5400  | 4460  | -      | -      | -      | -      |
|               | 4E50Q         | 110    | 8300  | 7610  | 7080  | 6110  | 5540   | -      | -      | -      |
|               | 4E50-6PP-40Q  | 120    | 9770  | 9200  | 8780  | 8070  | 7480   | -      | -      | -      |
|               | 4E50-6PP-45Q  | 80     | 8850  | 8230  | 7700  | 6170  | -      | -      | -      | -      |
|               | 4E63Q         | 160    | 17290 | 16500 | 16100 | 15380 | 14770  | 13070  | -      | -      |
|               | 4E125-4PP-20Q | 70     | 37400 | 31600 | 27300 | -     | -      | -      | -      | -      |
| 4E125-4PP-25Q | 70            | 42800  | 36960 | 32530 | -     | -     | -      | -      | -      |        |
| 900 rpm       | 6E40Q         | 30     | 3760  | 2970  | -     | -     | -      | -      | -      | -      |
|               | 6E45Q         | 50     | 5050  | 4230  | 3600  | -     | -      | -      | -      | -      |
|               | 6E50Q         | 60     | 7180  | 6000  | 5160  | -     | -      | -      | -      | -      |
|               | 6E56Q         | 80     | 9930  | 8980  | 8200  | 6400  | -      | -      | -      | -      |
|               | 6E63Q         | 90     | 12020 | 10920 | 10100 | 8520  | -      | -      | -      | -      |
|               | 6E71Q         | 100    | 13000 | 11900 | 11080 | 9550  | 7950   | -      | -      | -      |
|               | 6E71-4PP-40Q  | 90     | 15600 | 14000 | 12750 | 10650 | -      | -      | -      | -      |
|               | 6E92Q         | 100    | 21100 | 18000 | 15870 | 12470 | 9570   | -      | -      | -      |

All air capacities without wire guard, without casing.

Data also valid for tubes fans under same conditions as wall mounting fans.

# Multifan



## Multifan technical data 50 Hz three-phase

| 230/400V<br>50Hz |               | Impeller<br>range<br>cm | Watt | W/1000<br>m3/h | Noise<br>Level<br>dB(A) | Motor<br>protection<br>switch<br>Amp. | Control-<br>lable*<br>T/E | Amp.<br>230V | Amp.<br>400V | kg   |
|------------------|---------------|-------------------------|------|----------------|-------------------------|---------------------------------------|---------------------------|--------------|--------------|------|
| n                | Type          |                         |      |                |                         |                                       |                           |              |              |      |
| 2800 rpm         | 2D30Q         | 30                      | 270  | 75,6           | 62                      | 1,3/0,8                               | T                         | 1,2          | 0,7          | 9    |
|                  | 2D35Q         | 35                      | 340  | 70,1           | 65                      | 1,5/0,9                               | T                         | 1,4          | 0,8          | 10   |
| 1400 rpm         | 4D30Q         | 30                      | 94   | 40,5           | 44                      | 0,6/0,3                               | T                         | 0,5          | 0,3          | 9,4  |
|                  | 4D35Q         | 35                      | 169  | 46,8           | 47                      | 1,0/0,6                               | T                         | 0,9          | 0,5          | 10,4 |
|                  | 4D40Q         | 40                      | 225  | 46,7           | 50                      | 1,1/0,7                               | T                         | 1,0          | 0,6          | 11,3 |
|                  | 4D45Q         | 45                      | 299  | 46,8           | 52                      | 1,3/0,8                               | T                         | 1,2          | 0,7          | 13,1 |
|                  | 4D50Q         | 50                      | 414  | 50,2           | 55                      | 2,1/1,2                               | T                         | 1,9          | 1,1          | 15,5 |
|                  | 4D50-6PP-45Q  | 50                      | 480  | 54,2           | 61                      | 2,9/1,7                               | T                         | 2,6          | 1,5          | 15,5 |
|                  | 4D56Q         | 56                      | 980  | 77,0           | 61                      | 3,7/2,1                               | T                         | 3,4          | 1,9          | 22   |
|                  | 4D63Q         | 63                      | 1480 | 83,9           | 65                      | 5,5/3,2                               | T                         | 5,0          | 2,9          | 27   |
|                  | 4D63-5PP-35Q  | 63                      | 1450 | 87,9           | 67                      | 5,2/3,0                               | T                         | 4,7          | 2,7          | 27   |
|                  | 4D63-5PP-45Q  | 63                      | 2318 | 113,0          | 66                      | 8,4/4,9                               | T                         | 7,6          | 4,4          | 27   |
|                  | 4D71Q         | 71                      | 2200 | 97,0           | 69                      | 9,0/5,2                               | T                         | 8,2          | 4,7          | 29   |
|                  | 4D125-4PP-20Q | 125                     | 1140 | 30,5           | 64                      | 3,9/2,2                               | -                         | 3,5          | 2,0          | 39   |
|                  | 4D125-4PP-25Q | 125                     | 1580 | 36,9           | 65                      | 5,5/3,2                               | T                         | 5,0          | 2,9          | 42   |
|                  | 900 rpm       | 6D45Q                   | 45   | 204            | 39,2                    | 48                                    | 1,2/0,7                   | T            | 1,1          | 0,6  |
| 6D50Q            |               | 50                      | 280  | 39,5           | 50                      | 1,2/0,7                               | T                         | 1,1          | 0,6          | 13   |
| 6D56Q            |               | 56                      | 310  | 38,9           | 49                      | 1,3/0,8                               | T                         | 1,2          | 0,7          | 16   |
| 6D63Q            |               | 63                      | 520  | 43,9           | 53                      | 2,8/1,6                               | T                         | 2,2          | 1,3          | 23   |
| 6D63-5PP-40Q     |               | 63                      | 560  | 47,1           | 54                      | 2,4/1,4                               | T                         | 2,2          | 1,3          | 23   |
| 6D71Q            |               | 71                      | 920  | 55,3           | 56                      | 3,9/2,2                               | T                         | 3,5          | 2,0          | 25   |
| 6D71-5PP-40Q     |               | 71                      | 830  | 50,4           | 56                      | 3,4/2,0                               | T                         | 3,1          | 1,6          | 25   |
| 6D92Q            |               | 92                      | 730  | 34,2           | 61                      | 2,9/1,7                               | T                         | 2,6          | 1,5          | 29   |

\* Controllable by Transformer (T) or Electronically (E)

# Multifan



Multifan capacities three-phase in m<sup>3</sup>/h (50 Hz)

| 230/400V<br>50Hz |               | Pa max | 0 Pa  | 30 Pa | 50 Pa | 80 Pa | 100 Pa | 150 Pa | 200 Pa | 250 Pa |
|------------------|---------------|--------|-------|-------|-------|-------|--------|--------|--------|--------|
| n                | Type          |        |       |       |       |       |        |        |        |        |
| 2800 rpm         | 2D30Q         | 120    | 3570  | 3180  | 3000  | 2750  | 2550   | -      | -      | -      |
|                  | 2D35Q         | 190    | 4850  | 4460  | 4260  | 4000  | 3800   | 3060   | -      | -      |
| 1400 rpm         | 4D30Q         | 50     | 2350  | 2050  | 1810  | -     | -      | -      | -      | -      |
|                  | 4D35Q         | 65     | 3610  | 3280  | 2880  | -     | -      | -      | -      | -      |
|                  | 4D40Q         | 75     | 4820  | 4380  | 4040  | 3500  | -      | -      | -      | -      |
|                  | 4D45Q         | 80     | 6390  | 5850  | 5390  | 4610  | -      | -      | -      | -      |
|                  | 4D50Q         | 100    | 8250  | 7630  | 7160  | 6280  | -      | -      | -      | -      |
|                  | 4D50-6PP-45Q  | 80     | 8850  | 8230  | 7700  | 6170  | -      | -      | -      | -      |
|                  | 4D56Q         | 160    | 12720 | 12020 | 11600 | 10800 | 10240  | 8340   | -      | -      |
|                  | 4D63Q         | 195    | 17650 | 16880 | 16380 | 15630 | 14980  | 13330  | -      | -      |
|                  | 4D63-5PP-35Q  | 200    | 16660 | 16160 | 15660 | 15000 | 14540  | 13130  | 10800  | -      |
|                  | 4D63-5PP-45Q  | 210    | 20500 | 19800 | 19300 | 18530 | 17956  | 16246  | 14230  | -      |
| 900 rpm          | 4D71Q         | 250    | 22670 | 21900 | 21370 | 20570 | 19970  | 18300  | 16000  | 12670  |
|                  | 4D125-4PP-20Q | 70     | 37250 | 31670 | 27070 | -     | -      | -      | -      | -      |
|                  | 4D125-4PP-25Q | 70     | 42870 | 37060 | 32400 | -     | -      | -      | -      | -      |
|                  | 6D45Q         | 50     | 5200  | 4300  | 3700  | -     | -      | -      | -      | -      |
|                  | 6D50Q         | 60     | 7090  | 6000  | 5100  | -     | -      | -      | -      | -      |
|                  | 6D56Q         | 60     | 8700  | 7450  | 6500  | -     | -      | -      | -      | -      |
|                  | 6D63Q         | 80     | 11820 | 10560 | 9620  | 7740  | -      | -      | -      | -      |
|                  | 6D63-5PP-40Q  | 90     | 11880 | 10740 | 9900  | 8200  | -      | -      | -      | -      |
|                  | 6D71Q         | 105    | 16650 | 15050 | 13930 | 11930 | 9980   | -      | -      | -      |
|                  | 6D71-5PP-40Q  | 120    | 16480 | 14920 | 13900 | 12200 | 10400  | -      | -      | -      |
|                  | 6D92Q         | 105    | 21300 | 18430 | 16470 | 13270 | 10470  | -      | -      | -      |

All air capacities without wire guard, without casing.  
Data also valid for tube fans under same conditions as wall mounting fans.



**Multifan fan dimensions**

| Impeller range (cm) | Number of poles | Size in mm |       |      |       |     |     |    | Dimensions packing in mm (lxwxh)          |
|---------------------|-----------------|------------|-------|------|-------|-----|-----|----|---|
|                     |                 | A          | B     | C    | D max | E   | F   | G  |   |
| 20                  | 4               | 250        | 276   | 220  | 131   | 51  | 9   | 12 | 295x295x210                               |
| 25                  | 4               | 300        | 326   | 269  | 142   | 51  | 9   | 12 | 345x345x210                               |
| 30                  | 2,4             | 395        | 442,5 | 304  | (192) | 84  | 7,5 | 36 | 455x455x311                               |
| 35                  | 2,4             | 445        | 492,5 | 354  | (192) | 84  | 7,5 | 36 | 505x505x311                               |
| 40                  | 4,6             | 495        | 542,5 | 404  | (192) | 84  | 7,5 | 36 | 555x555x311                               |
| 45                  | 4,6             | 545        | 592,5 | 454  | (192) | 84  | 7,5 | 36 | 605x605x311                               |
| 50                  | 4,6             | 600        | 647,5 | 504  | (192) | 84  | 7,5 | 36 | 655x655x311                               |
| 56                  | 4,6             | 640        | 700   | 564  | 247   | 105 | 10  | 40 | 715x715x396                               |
| 63                  | 4,6             | 715        | 775   | 634  | 247   | 105 | 10  | 40 | 790x790x396                               |
| 71                  | 4,6             | 790        | 850   | 705  | 247   | 105 | 10  | 40 | 865x865x396                               |
| 92                  | 6               | 947        | 1005  | 920  | 247   | 93  | 10  | 40 | motor:371x222x216<br>frame:1050x1050x170  |
| 125                 | 4               | 1298       | 1370  | 1256 | 110   | 100 | 12  | 50 | motor:1070x510x380<br>frame:1430x1430x225 |

