

Технические характеристики вентилятора ВЦ 14-46:

| Типоразмер вентилятора | Конструктивное исполнение | D/Dн | Электродвигатель | | Частота вращения рабочего колеса, об/мин | Параметры в рабочей зоне | | Масса вентилятора, кг | Виброизоляторы | |
|------------------------------|---------------------------|------|------------------|---------------|--|---|---------------------|-----------------------|----------------|------------|
| | | | типоразмер | мощность, кВт | | производительность, 10 ³ м ³ /ч | полное давление, Па | | тип | количество |
| ВЦ14-46-2 ВЦ14-46-2К1 | 1 | 0,95 | АИР56А4 | 0,12 | 1350 | 0,39-0,7 | 210-250 | 15,4 | | |
| | | | АИР56В4 | 0,18 | 1350 | 0,7-0,98 | 250-265 | 16,0 | | |
| | | | АИР63А4 | 0,25 | 1320 | 0,98-1,21 | 265-271 | 17,5 | | |
| | | | АИР71А2 | 0,75 | 2815 | 0,81-1,15 | 910-995 | 20,2 | | |
| | | | АИР71В2 | 1,1 | 2800 | 1,15-1,55 | 1000-1080 | 22,0 | | |
| | | | АИР80А2 | 1,5 | 2835 | 1,55-2,00 | 1110-1150 | 24,0 | | |
| | | | АИР80В2 | 2,2 | 2820 | 2,00-2,55 | 1150-1200 | 26,5 | | |
| | | 1,0 | АИР56А4 | 0,12 | 1350 | 0,46-0,64 | 235-260 | 15,4 | | |
| | | | АИР56В4 | 0,18 | 1350 | 0,64-0,90 | 260-280 | 16,0 | | |
| | | | АИР63А4 | 0,25 | 1320 | 0,90-1,35 | 280-295 | 17,5 | | |
| | | | АИР71А2 | 0,75 | 2815 | 0,9-1,4 | 975-1190 | 20,2 | | |
| | | | АИР71В2 | 1,1 | 2800 | 0,95-1,65 | 975-1190 | 22,0 | | |
| | | | АИР80А2 | 1,5 | 2835 | 1,55-2,15 | 1220-1270 | 24,0 | | |
| | | | АИР80В2 | 2,2 | 2820 | 2,15-3,75 | 1270-1300 | 26,5 | | |
| | | 1,05 | АИР56В4 | 0,18 | 1350 | 0,52-0,87 | 250-295 | 16,0 | | |
| | | | АИР63А4 | 0,25 | 1320 | 0,87-1,13 | 295-310 | 17,5 | | |
| | | | АИР63В4 | 0,37 | 1320 | 1,13-1,65 | 305-325 | 18,4 | | |
| | | | АИР71В2 | 1,1 | 2800 | 1,05-1,57 | 1075-1240 | 22,0 | | |
| | | | АИР80А2 | 1,5 | 2835 | 1,57-1,95 | 1260-1350 | 24,0 | | |
| | | | АИР80В2 | 2,2 | 2820 | 1,95-2,75 | 1350-1410 | 26,5 | | |
| | | | АИР90L2 | 3,0 | 2835 | 2,75-3,31 | 1410-1460 | 33,0 | | |
| ВЦ14-46-2,5 ВЦ14-46-2,5К1 | 1 | 0,95 | АИР63В4 | 0,37 | 1320 | 0,812-1,6 | 335-380 | 30 | ДО-38 | 4 |
| | | | АИР71А4 | 0,55 | 1410 | 1,6-1,83 | 380-410 | 32 | | |
| | | | АИР80В2 | 2,2 | 2820 | 1,8-2,68 | 1600-1850 | 38 | | |
| | | | АИР90L2 | 3,0 | 2835 | 2,68-3,5 | 1850-1800 | 42 | | |
| | | | АИР100S2 | 4,0 | 2820 | 3,5-3,86 | 1800-1760 | 49 | | 5 |

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|--------------------------------|---|------|---|--|---|--|--|--|-------|--------|--|--------|--|--------|--------------------------|--------|
| | | 1,0 | АИР63В4 АИР71А4 АИР80В2 АИР90L2 АИР100S2 АИР100L2 | 0,37 0,55 2,2 3,0 4,0 5,5 | 1320 1410 2820 2835 2820 2860 | 0,97-1,42 1,42-2,08 2,00-2,55 2,55-3,4 3,4-4,3 4,3-4,45 | 370-440 450-460 1700-1900 1900-2000 2000-1970 1970-1960 | 30 32 38 42 49 53 | | 4 5 | | | | | | |
| | | 1,05 | АИР71А4 АИР71В4 АИР90L2 АИР100S2 АИР100L2 АИР112М2 | 0,55 0,75 3,0 4,0 5,5 7,5 | 1410 1415 2835 2820 2860 2895 | 1,1-2,1 2,1-2,35 2,4-3,1 3,1-4,0 4,0-4,95 4,0-4,95 | 435-520 520-510 1800-2040 2040-2150 2150-2100 2150-2100 | 30,5 32 42 49 53 81,5 | | 4 5 | | | | | | |
| ВЦ14-46-3,15 ВЦ14-46-3,15К1 | 1 | 0,95 | АИР71А6 АИР71В6 АИР80А4 АИР80В4 АИР90L4 | 0,37 0,55 1,1 1,5 2,2 | 915 915 1420 1500 1420 | 1,15-1,95 1,95-2,80 1,70-3,00 3,00-3,90 3,90-4,45 | 280-320 320-325 675-770 770-780 780-775 | 43 43 46 48 53 | ДО-38 | 4 5 | | | | | | |
| | | | 1,0 | АИР71В6 АИР80А6 АИР71В4 АИР80А4 АИР80В4 АИР90L4 | 0,55 0,75 0,75 1,1 1,5 2,2 | 915 930 1415 1420 1395 1420 | 1,34-2,95 2,95-3,35 2,0-2,7 2,05-2,75 2,75-3,80 3,80-4,80 | 305-410 410-355 720-810 730-810 810-860 860-875 | | | 43 46 43 46 48 53 | 4 5 | | | | |
| | | | | 1,05 | АИР71В6 АИР80А6 АИР80В6 АИР80В4 АИР90L4 АИР100S4 | 0,55 0,75 1,1 1,5 2,2 3,0 | 915 930 930 1420 1390 1395 | 1,54-2,7 2,7-3,45 3,45-3,95 2,33-3,65 3,65-5,00 5,00-6,10 | | | 345-395 395-400 400-395 780-900 900-920 920-930 | | 43 46 48 48 53 59 | 4 5 | | |
| | | | | | 0,95 | АИР80В6 АИР90L6 АИР100L6 АИР100S4 | 1,1 1,5 2,2 3,0 | 930 925 925 1395 | | | 2,23-3,70 3,70-4,55 4,55-6,03 3,46-4,67 | | 457-550 555-580 590-570 1085-1230 | | 69 71 78,3 75,3 | 6 7 |

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|--------------------------|------|------|-----------|------------|-----------|-----------|-----------|-------|-------|--|---|---|
| | | | АИР100L4 | 4,0 | 1425 | 4,67-5,96 | 1230-1310 | 78,3 | | | | |
| | | | АИР112М4 | 5,5 | 1450 | 5,96-8,44 | 1340-1360 | 102,5 | | | | |
| | | 1,0 | АИР80В6 | 1,1 | 930 | 2,65-3,60 | 506-580 | 69 | | | 6 | |
| | | | АИР90L6 | 1,5 | 925 | 3,60-4,45 | 585-635 | 70 | | | | |
| | | | АИР100L6 | 2,2 | 925 | 4,45-6,60 | 655-648 | 78,3 | | | | |
| | | | АИР100L4 | 4,0 | 1425 | 4,17-5,66 | 1230-1400 | 78,3 | | | | 7 |
| | | | АИР112М4 | 5,5 | 1450 | 5,66-7,63 | 1425-1545 | 102,5 | | | | |
| | | | АИР132S4 | 7,5 | 1455 | 7,63-10,3 | 1565-1530 | 126,5 | | | | |
| | | 1,05 | АИР90L6 | 1,5 | 925 | 3,04-4,45 | 565-645 | 71 | | | 6 | |
| | | | АИР100L6 | 2,2 | 925 | 4,45-6,37 | 670-720 | 78,3 | | | | |
| | | | АИР100L4 | 4,0 | 1425 | 4,63-5,47 | 1300-1380 | 78,3 | | | | |
| | | | АИР112МА6 | 3,0 | 960 | 6,37-7,96 | 735-720 | 96 | | | | 7 |
| | | | АИР112М4 | 5,5 | 1450 | 5,47-7,43 | 1410-1525 | 102,5 | | | | |
| | | | АИР132S4 | 7,5 | 1455 | 7,43-8,90 | 1570-1665 | 126,5 | | | | |
| АИР132М4 | 11,0 | | 1440 | 8,90-12,22 | 1675-1630 | 132,5 | | | | | | |
| ВЦ14-46-5 ВЦ14-46-5К1 | 1 | 0,95 | АИР112МА6 | 3,0 | 960 | 5,30-7,20 | 830-940 | 139 | ДО-41 | | | |
| | | | АИР112МВ6 | 4,0 | 960 | 7,20-9,40 | 950-980 | 139 | | | | |
| | | | АИР132S6 | 5,5 | 950 | 9,40-12,0 | 1000-1020 | 160 | | | 4 | |
| | | | АИР132М4 | 11,0 | 1440 | 8,10-12,0 | 1980-2220 | 176 | | | | |
| | | | АИР160S4 | 15,0 | 1460 | 12,0-15,0 | 2220-2320 | 218 | | | | |
| | | | АИР160М4 | 18,5 | 1460 | 15,0-18,0 | 2320-2360 | 243 | | | | |
| | | 1,0 | АИР112МВ6 | 4,0 | 960 | 6,60-8,80 | 940-1050 | 139 | | | | 4 |
| | | | АИР132S6 | 5,5 | 950 | 8,80-11,5 | 1070-1120 | 160 | | | | |
| | | | АИР132М6 | 7,5 | 960 | 11,5-14,0 | 1140-1150 | 176 | | | | |
| | | | АИР132М4 | 11,0 | 1440 | 9,40-11,0 | 2200-2380 | 176 | | | | |
| | | | АИР160S4 | 15,0 | 1460 | 11,0-14,5 | 2380-2500 | 218 | | | 5 | |
| | | | АИР160М4 | 18,5 | 1460 | 14,5-17,0 | 2500-2540 | 243 | | | | |
| | | | АИР180S4 | 22,0 | 1460 | 17,0-19,0 | 2560-2580 | 286 | | | | |
| | | | АИР180М4 | 30,0 | 1460 | 19,0-21,1 | 2580-2660 | 278 | | | | |
| | | 1,05 | АИР112МВ6 | 4,0 | 960 | 7,20-8,20 | 1025-1080 | 139 | | | 4 | |
| | | | АИР132S6 | 5,5 | 950 | 8,20-11,0 | 1100-1200 | 160 | | | | |
| | | | АИР132М6 | 7,5 | 960 | 11,0-14,0 | 1220-1270 | 176 | | | | |
| | | | АИР160S6 | 11,0 | 970 | 14,0-16,5 | 1270-1290 | 218 | | | | |

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|------------------------------|---|------|----------|------|------|------------|-----------|-------|-------|---|
| | | | АИР160S4 | 15,0 | 1460 | 11,0-14,0 | 2430-2670 | 218 | | |
| | | | АИР160M4 | 18,5 | 1460 | 14,0-16,0 | 2670-2780 | 243 | | |
| | | | АИР180S4 | 22,0 | 1460 | 16,0-18,7 | 2800-1890 | 268 | | |
| | | | АИР180M4 | 30,0 | 1460 | 18,7-24,1 | 2890-2905 | 278 | | |
| ВЦ14-46-6,3 ВЦ14-46-6,3К1 | 1 | 0,95 | АИР132S8 | 4,0 | 710 | 7,8-11,0 | 770-860 | 210 | ДО-41 | 4 |
| | | | АИР132M8 | 5,5 | 710 | 11,0-14,5 | 850-900 | 226 | | |
| | | | АИР132M6 | 7,5 | 960 | 10,5-12,0 | 1400-1500 | 268 | | |
| | | | АИР160S8 | 7,5 | 730 | 14,5-18,3 | 920-940 | 268 | | |
| | | | АИР160S6 | 11,0 | 970 | 10,6-17,0 | 1440-1600 | 268 | | |
| | | | АИР160M6 | 15,0 | 970 | 17,0-21,0 | 1600-1640 | 293 | | |
| | | | АИР180M6 | 18,5 | 970 | 21,0-24,4 | 1650-1675 | 328 | | |
| | | 1,0 | АИР132M8 | 5,5 | 710 | 8,2-14,0 | 840-960 | 228 | | 4 |
| | | | АИР160S8 | 7,5 | 730 | 14,0-17,5 | 980-1020 | 268 | | |
| | | | АИР160M8 | 11,0 | 730 | 12,7-22,0 | 1020-1035 | 293 | | |
| | | | АИР160S6 | 11,0 | 970 | 13,0-16,0 | 1540-1700 | 268 | | |
| | | | АИР160M6 | 15,0 | 970 | 16,0-21,0 | 1700-1790 | 293 | | |
| | | | АИР180M6 | 18,5 | 970 | 21,0-25,0 | 1800-1820 | 328 | | |
| | | | АИР200M6 | 22,0 | 970 | 25,0-28,5 | 1820-1840 | 403 | | |
| | | 1,05 | АИР132M8 | 5,5 | 710 | 10,75-13,5 | 920-1000 | 226 | | 4 |
| | | | АИР160S8 | 7,5 | 730 | 13,5-16,2 | 1040-1090 | 268 | | |
| | | | АИР160M8 | 11,0 | 730 | 16,2-23,0 | 1090-1120 | 293 | | |
| | | | АИР160M6 | 15,0 | 970 | 14,6-19,0 | 1700-1900 | 293 | | |
| | | | АИР180M6 | 18,5 | 970 | 19,0-23,0 | 1900-1950 | 328 | | |
| | | | АИР200M6 | 22,0 | 970 | 23,0-26,5 | 1960-2000 | 403 | | |
| | | | АИР200L6 | 30,0 | 970 | 26,5-33,0 | 2000-2050 | 431 | | |
| ВЦ14-46-8 ВЦ14-46-8К1 | 1 | 0,95 | АИР160M8 | 11,0 | 730 | 16,6-19,5 | 1200-1270 | 375,0 | ДО-42 | 4 |
| | | | АИР180M8 | 15,0 | 730 | 19,5-28,0 | 1270-1400 | 397,0 | | |
| | | | АИР200M8 | 18,5 | 730 | 28,0-31,0 | 1400-1430 | 453,0 | | |
| | | | АИР200L8 | 22,0 | 730 | 31,0-35,0 | 1440-1460 | 468,0 | | |
| | | | АИР225M8 | 30,0 | 730 | 35,0-38,6 | 1460-1480 | 558,0 | | |
| | | | АИР200M6 | 22,0 | 970 | 21,3-27,0 | 2050-2280 | 553,0 | | |
| | | | АИР200L6 | 30,0 | 970 | 22,3-28,0 | 2150-2380 | 482,0 | | |
| | | | АИР225M6 | 37,0 | 980 | 28,0-35,0 | 2440-2530 | 550,0 | | |

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| | | | АИР250S6 | 45,0 | 980 | 35,0-40,0 | 2540-2620 | 673,0 | | |
| | 1,0 | | АИР180M8 | 15,0 | 730 | 19,3-24,5 | 1330-1480 | 397,0 | | |
| | | | АИР200M8 | 18,5 | 730 | 24,5-28,2 | 1480-1510 | 453,0 | | 4 |
| | | | АИР200L8 | 22,0 | 730 | 28,2-33,0 | 1510-1590 | 468,0 | | |
| | | | АИР225M8 | 30,0 | 730 | 33,0-41,5 | 1620-1650 | 558,0 | | 5 |
| | | | АИР225M6 | 37,0 | 980 | 26,0-32,0 | 2400-2600 | 553,0 | | |
| | | | АИР250S6 | 45,0 | 980 | 32,0-38,0 | 2600-2750 | 693,0 | | |
| | 1,05 | | АИР200M8 | 18,5 | 730 | 22,6-27,0 | 1470-1600 | 453,0 | | |
| | | | АИР200L8 | 22,0 | 730 | 27,0-31,0 | 1600-1650 | 468,0 | | |
| | | | АИР225M8 | 30,0 | 730 | 31,0-39,0 | 1680-1740 | 558,0 | | 5 |
| | | | АИР250S8 | 37,0 | 735 | 39,0-46,0 | 1740-1760 | 673,0 | | |
| | | | АИР250M8 | 45,0 | 735 | 46,0-51,5 | 1780-1790 | 803,0 | | |