

## AXIAL TYPE OF SMOKE FANS

# AIR AKD-W SERIES



\*Axial fan Series AIR AKD, suitable for operating temperatures of up to 300 °C / 2 H. 400 °C / 2 H option is available.

\*Impeller with adjustable pitch angle for maximum efficiency aluminum hub and blades.

\*Resistant to electrostatic powder coated corrosion. Hot dip galvanized steel is available upon request.

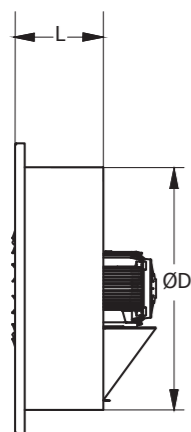
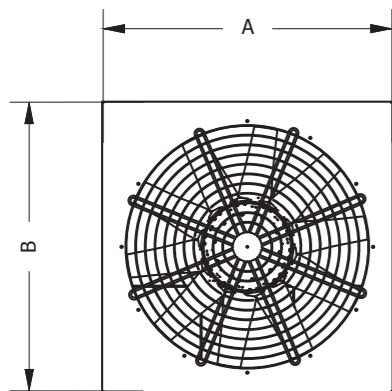
\*The motor is speed controllable by frequency converter.

\* Efficiency class is IE3. Three-phase 230/400 V 50 Hz

\* Usage; suitable for installation on wall. Suitable for outdoor use.



### Technical details;



| MODELS             | DIMENSIONS (mm) |      |      |     |
|--------------------|-----------------|------|------|-----|
|                    | A               | B    | ØD   | L   |
| AIR AKD-W 35-2-4T  | 500             | 500  | 355  | 300 |
| AIR AKD-W 40-2-4T  | 550             | 550  | 400  | 300 |
| AIR AKD-W 45-2-4T  | 600             | 600  | 450  | 300 |
| AIR AKD-W 63-2-4T  | 800             | 800  | 630  | 350 |
| AIR AKD-W 71-2-4T  | 900             | 900  | 710  | 350 |
| AIR AKD-W 80-2-4T  | 1000            | 1000 | 800  | 350 |
| AIR AKD-W 90-2-4T  | 1100            | 1100 | 900  | 350 |
| AIR AKD-W 100-2-4T | 1200            | 1200 | 1000 | 350 |
| AIR AKD-W 112-2-4T | 1400            | 1400 | 1120 | 350 |
| AIR AKD-W 125-2-4T | 1450            | 1450 | 1250 | 350 |

| MODEL                 | PRODUCT CODE | Airflow (m³/h) | PWR (KW) | Sound (dBA) | Current (AMP) | Rotation (RPM) | VOLTAGE (V) | Weight (KG) |
|-----------------------|--------------|----------------|----------|-------------|---------------|----------------|-------------|-------------|
| AIR AKD-W 35-2T-0,75  | 53001        | 6855           | 0,75     | 89          | 1,70          | 2860           | 380         | 32          |
| AIR AKD-W 35-2T-1,1   | 53002        | 7975           | 1,10     | 87          | 2,30          | 2880           | 380         | 34          |
| AIR AKD-W 40-2T-1,1   | 53003        | 9901           | 1,10     | 92          | 2,30          | 2880           | 380         | 36          |
| AIR AKD-W 40-2T-1,5   | 53004        | 10652          | 1,50     | 91          | 3,30          | 2880           | 380         | 41          |
| AIR AKD-W 45-2T-1,5   | 53005        | 12432          | 1,50     | 92          | 3,30          | 2880           | 380         | 44          |
| AIR AKD-W 45-2T-2,2   | 53006        | 15008          | 2,20     | 94          | 4,50          | 2870           | 380         | 46          |
| AIR AKD-W 63-2T-1,5   | 53007        | 16352          | 1,50     | 102         | 3,30          | 2880           | 380         | 57          |
| AIR AKD-W 63-2T-2,2   | 53008        | 20048          | 2,20     | 97          | 4,50          | 2870           | 380         | 59          |
| AIR AKD-W 63-2T-3     | 53009        | 22400          | 3,00     | 96          | 5,90          | 2880           | 380         | 68          |
| AIR AKD-W 63-2T-4     | 53010        | 26656          | 4,00     | 96          | 7,90          | 2880           | 380         | 77          |
| AIR AKD-W 63-2T-5,5   | 53011        | 29904          | 5,50     | 97          | 10,30         | 2900           | 380         | 85          |
| AIR AKD-W 63-2T-7,5   | 53012        | 35056          | 7,50     | 100         | 13,60         | 2910           | 380         | 90          |
| AIR AKD-W 63-2T-7,5/H | 53013        | 29232          | 7,50     | 100         | 13,60         | 2910           | 380         | 90          |
| AIR AKD-W 71-2T-5,5   | 53014        | 34608          | 5,50     | 99          | 10,30         | 2900           | 380         | 88          |
| AIR AKD-W 71-2T-7,5   | 53015        | 40768          | 7,50     | 100         | 13,60         | 2910           | 380         | 95          |
| AIR AKD-W 71-2T-11    | 53016        | 48048          | 11,00    | 102         | 19,50         | 2945           | 380         | 143         |
| AIR AKD-W 71-2T-11/H  | 53017        | 38976          | 11,00    | 108         | 19,50         | 2945           | 380         | 151         |
| AIR AKD-W 71-2T-15    | 53018        | 47264          | 15,00    | 103         | 28,50         | 2945           | 380         | 151         |
| AIR AKD-W 80-2T-15    | 53019        | 51520          | 15,00    | 107         | 28,50         | 2945           | 380         | 160         |
| AIR AKD-W 80-2T-18,5  | 53020        | 58576          | 18,50    | 109         | 32,30         | 2950           | 380         | 186         |
| AIR AKD-W 80-2T-22    | 53021        | 63840          | 22,00    | 109         | 38,30         | 2950           | 380         | 217         |
| AIR AKD-W 80-2T-22/H  | 53022        | 47824          | 22,00    | 110         | 38,30         | 2950           | 380         | 225         |
| AIR AKD-W 63-4T-1,5   | 53023        | 18704          | 1,50     | 86          | 3,50          | 1430           | 380         | 87          |
| AIR AKD-W 63-4T-2,2   | 53024        | 23072          | 2,20     | 90          | 5,00          | 1435           | 380         | 89          |
| AIR AKD-W 71-4T-2,2   | 53025        | 26768          | 3,00     | 89          | 6,60          | 1435           | 380         | 98          |
| AIR AKD-W 71-4T-3     | 53026        | 30240          | 2,20     | 91          | 5,00          | 1435           | 380         | 103         |
| AIR AKD-W 71-4T-4     | 53027        | 34272          | 4,00     | 93          | 8,40          | 1455           | 380         | 115         |
| AIR AKD-W 80-4T-3     | 53028        | 36064          | 3,00     | 91          | 6,60          | 1435           | 380         | 118         |
| AIR AKD-W 80-4T-4     | 53029        | 41104          | 4,00     | 98          | 8,40          | 1455           | 380         | 123         |
| AIR AKD-W 80-4T-5,5   | 53030        | 44016          | 5,50     | 96          | 11,20         | 1465           | 380         | 134         |
| AIR AKD-W 80-4T-7,5   | 53031        | 46032          | 7,50     | 95          | 15,40         | 1465           | 380         | 147         |
| AIR AKD-W 90-4T-3     | 53032        | 39424          | 3,00     | 97          | 6,60          | 1435           | 380         | 132         |
| AIR AKD-W 90-4T-4     | 53033        | 46480          | 4,00     | 96          | 8,40          | 1455           | 380         | 142         |
| AIR AKD-W 90-4T-5,5   | 53034        | 49952          | 5,50     | 96          | 11,20         | 1465           | 380         | 147         |
| AIR AKD-W 90-4T-7,5   | 53035        | 57008          | 7,50     | 97          | 15,40         | 1465           | 380         | 153         |
| AIR AKD-W 100-4T-4    | 53036        | 53984          | 4,00     | 98          | 8,40          | 1455           | 380         | 136         |
| AIR AKD-W 100-4T-5,5  | 53037        | 52976          | 5,50     | 103         | 11,20         | 1465           | 380         | 148         |
| AIR AKD-W 100-4T-7,5  | 53038        | 63392          | 7,50     | 102         | 15,40         | 1465           | 380         | 161         |
| AIR AKD-W 100-4T-11   | 53039        | 77840          | 11,00    | 102         | 21,30         | 1465           | 380         | 213         |
| AIR AKD-W 100-4T-11/H | 53040        | 60928          | 11,00    | 104         | 21,30         | 1465           | 380         | 217         |
| AIR AKD-W 112-4T-5,5  | 53041        | 66416          | 5,50     | 100         | 11,20         | 1465           | 380         | 153         |
| AIR AKD-W 112-4T-7,5  | 53042        | 74928          | 7,50     | 100         | 15,40         | 1465           | 380         | 156         |
| AIR AKD-W 112-4T-11   | 53043        | 82096          | 11,00    | 102         | 21,30         | 1465           | 380         | 193         |
| AIR AKD-W 112-4T-15   | 53044        | 89152          | 15,00    | 103         | 29,30         | 1470           | 380         | 215         |
| AIR AKD-W 125-4T-11   | 53045        | 92176          | 11,00    | 109         | 21,30         | 1465           | 380         | 198         |
| AIR AKD-W 125-4T-15   | 53046        | 106960         | 15,00    | 108         | 29,80         | 1465           | 380         | 225         |
| AIR AKD-W 125-4T-15/H | 53047        | 84448          | 15,00    | 114         | 29,80         | 1465           | 380         | 225         |
| AIR AKD-W 125-4T-18,5 | 53048        | 115360         | 18,50    | 107         | 34,50         | 1470           | 380         | 262         |
| AIR AKD-W 125-4T-22   | 53049        | 116480         | 22,00    | 107         | 42,50         | 1470           | 380         | 273         |
| AIR AKD-W 125-4T-22/H | 53050        | 101808         | 22,00    | 112         | 42,50         | 1470           | 380         | 273         |
| AIR AKD-W 125-4T-30   | 53051        | 137760         | 30,00    | 109         | 55,00         | 1470           | 380         | 319         |
| AIR AKD-W 125-4T-30/H | 53052        | 122080         | 30,00    | 111         | 55,00         | 1470           | 380         | 319         |
| AIR AKD-W 125-4T-37   | 53053        | 137760         | 37,00    | 108         | 67,00         | 1470           | 380         | 413         |
| AIR AKD-W 125-4T-37/H | 53054        | 118720         | 37,00    | 111         | 67,00         | 1470           | 380         | 413         |
| AIR AKD-W 125-4T-45   | 53055        | 155680         | 45,00    | 109         | 80,00         | 1470           | 380         | 468         |
| AIR AKD-W 125-4T-45/H | 53056        | 140000         | 45,00    | 111         | 80,00         | 1470           | 380         | 468         |
| AIR AKD-W 125-4T-55   | 53057        | 166880         | 55,00    | 111         | 96,80         | 1475           | 380         | 573         |
| AIR AKD-W 125-4T-55/H | 53058        | 152320         | 55,00    | 110         | 96,80         | 1475           | 380         | 573         |