



## WW – stationary fan



WW-2-1-1100

motor rate of the blower in W  
number of phases  
blower size  
blower type

## Purpose

The WW-type high-pressure blowers are applied for transporting the air in conditions where high pressure or vacuum is required. They are used in industrial vacuum cleaners, high-vacuum filtering units, for aeration of water reservoirs (sewage treatment plants) or to create an “air geyser” in swimming pools as spectacular element.

## Structure

Construction: a housing, aluminium cast radial impeller, two silencers and motor. Whereby, the impeller is directly mounted at the motor shaft (direct drive). Silencers are installed at the inlet and outlet. The blower can work in horizontal and vertical position.

Conditions of use:

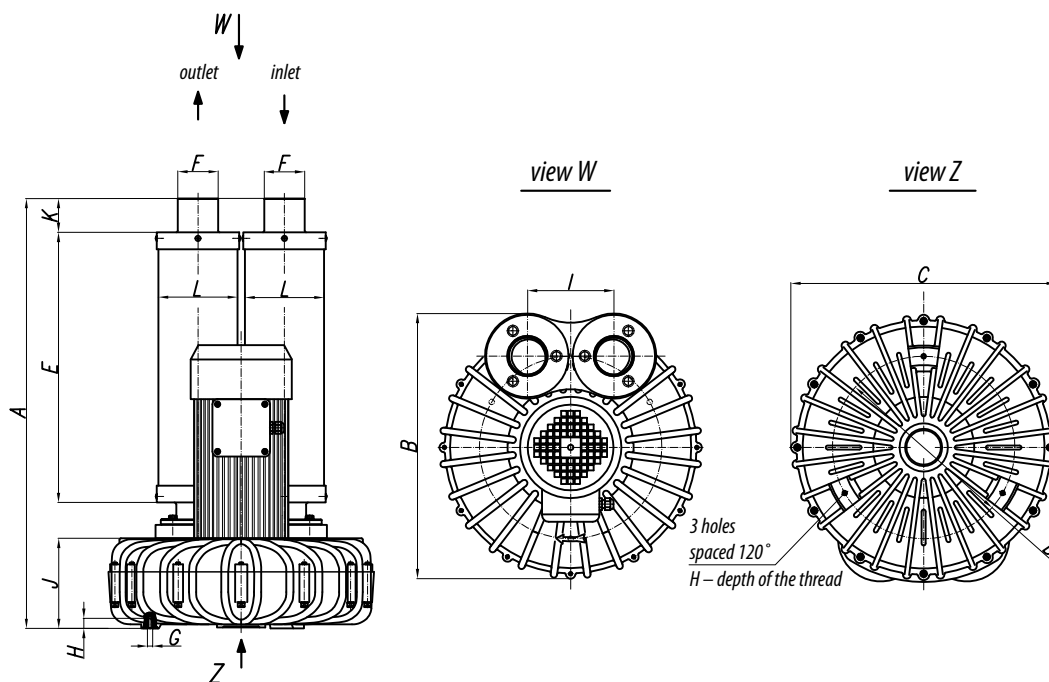
- admissible temperature of the forwarded air +40°C,
- the blower cannot convey viscous impurities, substances creating explosion hazard or media of dustiness exceeding 0,3 g/m<sup>3</sup>.

## Technical data

| Type        | Part no. | Maximum volume flow [m <sup>3</sup> /h] | Supply voltage [V] | Synchronous rotations [1/min] | Motor rate [kW] | Acoustic pressure level [dB(A)] from a distance of: | Ingress protection IP | Weight [kg] |
|-------------|----------|-----------------------------------------|--------------------|-------------------------------|-----------------|-----------------------------------------------------|-----------------------|-------------|
| WW-2-1-1100 | 843W20   | 180                                     | 230                | 3000                          | 1,1             | 80                                                  | 54                    | 25          |
| WW-2-3-1100 | 843W55   | 180                                     | 3x400              | 3000                          | 1,1             | 80                                                  | 54                    | 25          |
| WW-3-3-3000 | 843W56   | 300                                     | 3x400              | 3000                          | 3,0             | 81                                                  | 54                    | 39          |
| WW-4-3-7500 | 843W57   | 600                                     | 3x400              | 3000                          | 7,5             | 87                                                  | 54                    | 74          |



Example of application of the high-pressure blower as an “air geyser”



## Dimensions

| Type        | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | I [mm] | J [mm] | K [mm] | L [mm] |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WW-2-1-1100 | 637    | 378    | 368    | 265    | 400    | 60     | M6     | 15     | 118    | 105    | 50     | 110    |
| WW-2-3-1100 | 637    | 378    | 368    | 265    | 400    | 60     | M6     | 15     | 118    | 105    | 50     | 110    |
| WW-3-3-3000 | 637    | 393    | 393    | 270    | 400    | 60     | M8     | 18     | 128    | 132    | 50     | 110    |
| WW-4-3-7500 | 670    | 482    | 482    | 350    | 400    | 60     | M8     | 20     | 144    | 160    | 50     | 110    |

## Flow charts

