

PVC Industrial Blowers & Spares

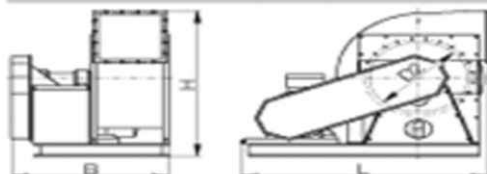
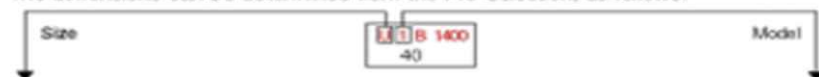


MARSHAL
TECH LTD UK

Industrial Process Fans with housing and belt drive

Main Dimensions in mm, subject to change.

The dimensions can be determined from the Pre-Selection, as follows:



Size P4R-	Impeller Ø D2	L _{max}	H _{max}	B _{max} for model 1	3
H	447	1200	880	980	900
J	501	1270	950	1030	960
K	562	1460	1100	1090	1000
L	631	1560	1220	1200	1100
M	708	1650	1350	1290	1170
N	794	1780	1500	1400	1270
P	891	2050	1700	1520	1370
Q	1000	2150	1900	1620	1450
R	1122	2670	2150	1650	1430
S	1258	2800	2410	1820	1560
T	1413	2950	2680	1940	1700
U	1585	3060	3000	2190	1920

Housing Position and Rotation



Direction of rotation

The direction of rotation is determined with viewing direction toward the drive side (motor):

LG = anticlockwise.

RD = clockwise.

LG and RD are available.

P4R



Housing positions

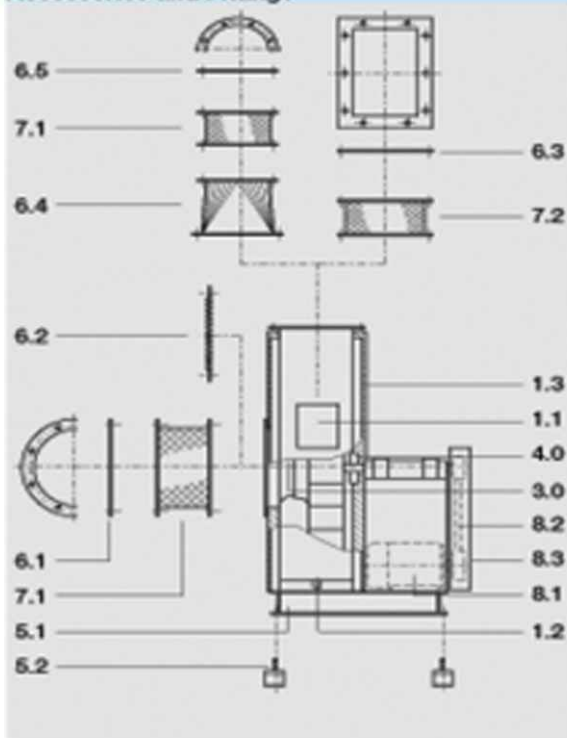
The housing positions of the P4R are possible in 45° for the following positions:

0°, 45°, 90°, 135°, 270° and 315° (see Fig.)

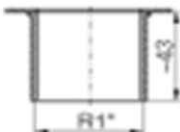
Housing settings 180° and 225° on request.

Industrial Process Fans with housing and belt drive

Accessories and Fittings



Drain plug



Welded coupler

1.0 Housing fittings

1.1 Inspection door

also available as a sealed door.

1.2 Drain plug

Welded coupler of steel or stainless steel 1.4307, R 1" internal thread.

1.3 Acoustic insulation, thermal insulation

3.0 Explosion protection

In accordance with ATEX Category 2 or 3; gas or dust.

4.0 Sealing systems

Housing

- Housing welded watertight and sealed (standard for stainless steel material).
An absolute seal cannot be achieved.

Shaft

- Stainless steel shaft seal to 300 °C (standard for stainless steel housing and fans for media temperatures >100 °C).
- Shaft seal and aerodynamic seal (impeller back side blades).
- Shaft seal and V-ring seal, to 200 °C.
- Shaft seal and V-ring seal and water deflector, to +200 °C.

5.0 Set-up systems

5.1 Base frame

Included in the standard scope of delivery.

5.2 Vibration dampers

One set of vibration dampers. Spring vibration dampers available on request.

6.0 Connection element, rigid

6.1 Mating flange suction-side in accordance with DIN 24154-R4.

6.2 Protective intake grille chrome-plated.

6.3 Mating flange pressure-side in accordance with DIN 24158-R4.

6.4 Transition piece rectangular to round DIN 24154, R4 welded-on.

6.5 Mating flange for transition piece in accordance with DIN 24154-R4.

6.6 Screws / seals

1 set for connection of a connecting element / flexible connection.

7.0 Connecting element, flexible

7.1 Flexible connection round, suction-side or for the pressure-side transition piece.

7.2 Flexible connection rectangular, pressure side, also watertight.

7.3 Baffle

Protects sleeve if there is negative pressure and protects against particles

8.0 Drives

8.1 Motor

PTC thermistor temperature sensor, other numbers of contacts, protection classes, thermal classes, voltages, frequencies, EEx e.

8.2 Belt drive

8.3 Belt guard

8.4 Thermal barrier

On the shaft passage for media temperatures over +100 °C

MARSHAL

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