

PRF Series

Rectangular Type Ex-proof Fans



FAN

- Tubular casing made of sheet steel with aluminium strip in rotor zone in accordance with standard EN-14986.
- Impeller with reaction blades in extremely robust sheet steel.
- Non-sparking inlet ring made of copper or aluminium.

MOTOR

- ATEX-Certified Ex-e explosion-proof, Ex-d, Ex-tc or Ex-tb non-sparking class F motors with ball bearings.
- Three phase 230/400V-50Hz.

FINISH

- ATEX corrosion-proof with nonferric paint finish of polyester resin polymerised at 190°C previously degreased with phosphate-free nanotechnological treatment

ON REQUEST

- Motors with built-in PTC.
- Special windings for different voltages and frequencies.
- ATEX construction for different categories.
- Construction entirely of stainless steel.

TECHNICAL SPECIFICATIONS

| MODEL | MAX. AIR FLOW (m ³ /h) | WATT | SOUND (dBA) | RPM (dk) | VOLTAGE | DIMENSIONS |
|--------------|-----------------------------------|------|-------------|----------|---------|------------|
| PRF 20F/4.Ex | 1200 | 0,54 | 82 | 1450 | 400 | 50 x 30 |
| PRF 22F/4.Ex | 1900 | 1,00 | 81 | 1450 | 400 | 50 x 25 |
| PRF 25F/4.Ex | 2400 | 1,50 | 82 | 1450 | 400 | 50 x 30 |
| PRF 28F/4.Ex | 3500 | 3,00 | 87 | 1450 | 400 | 60 x 30 |
| PRF 28F/6.Ex | 2600 | 1,00 | 76 | 960 | 400 | 60 x 30 |
| PRF 31F/4.Ex | 4500 | 4,00 | 89 | 1450 | 400 | 60 x 35 |
| PRF 31F/6.Ex | 3500 | 1,50 | 77 | 960 | 400 | 60 x 35 |
| PRF 35F/4.Ex | 4900 | 2,50 | 87 | 1450 | 400 | 70 x 40 |

AIR PERFORMANCE DATA

| MODEL | AIR PERFORMANCE DATA/ PA / (m ³ /h) | | | | | | | | |
|--------------|--|------|------|------|------|------|------|------|------|
| | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
| PRF 20F/4.Ex | 1200 | 1100 | 1000 | 800 | 700 | - | - | - | - |
| PRF 22F/4.Ex | 1900 | 1800 | 1650 | 1550 | 1400 | 1200 | - | - | - |
| PRF 25F/4.Ex | - | 2400 | 2300 | 2200 | 1950 | 1750 | 1500 | - | - |
| PRF 28F/4.Ex | - | - | 3500 | 3250 | 3000 | 2800 | 2600 | 2400 | 2200 |
| PRF 28F/6.Ex | 2600 | 2500 | 2250 | 1900 | 1500 | - | - | - | - |
| PRF 31F/4.Ex | - | - | - | - | 4500 | 4250 | 4000 | 3750 | 3500 |
| PRF 31F/6.Ex | 3500 | 3100 | 2900 | 2500 | 2000 | - | - | - | - |
| PRF 35F/4.Ex | 4900 | 4500 | 4250 | 4000 | 3500 | 3000 | - | - | - |

