

| Model | A | B | C | Ø D | E |
|----------|-----|-----|-----|-----|----|
| IL R 100 | 300 | 200 | 350 | 100 | 80 |
| IL R 125 | 300 | 200 | 350 | 125 | 80 |
| IL R 150 | 300 | 200 | 350 | 150 | 80 |
| IL R 200 | 350 | 230 | 350 | 200 | 80 |
| IL R 250 | 350 | 280 | 400 | 250 | 80 |

IL R

COMPACT IN LINE CENTRIFUGAL FAN

Compact centrifugal fans designed for easy insertion in the ventilation ducts with round section to be installed in false ceilings and/or wall.

- Max working temperature: 50°C;
- Backward bladed centrifugal fan;
- External rotor motor equipped with ball bearing, protected by non self resetting thermal cut-out ;

- Galvanized sheet steel body, fixing bracket supplied as standard;
- Equipped with external box power supply;
- In compliance with European Directive and to the Standards UNI EN ISO 13857 and 12499; CEI EN 60204-1;
- Adjustable speed through industrial controllers (optional).



POSITIONING

- False Ceiling mounting
- Floor mounting

ENVIRONMENTS APPLICATION

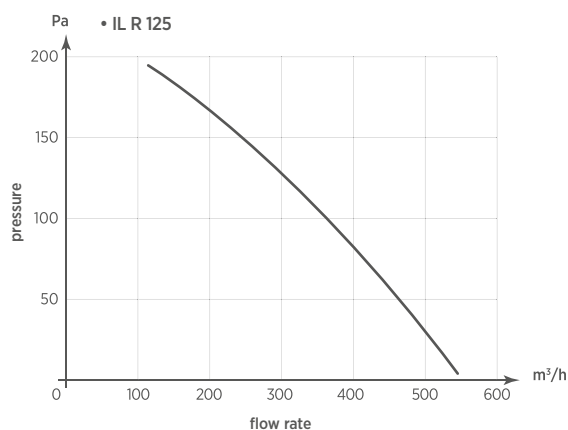
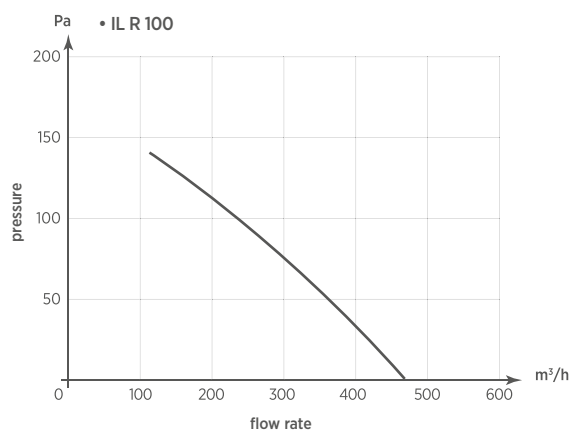
Suitable for installation in false ceilings or in small areas such as:

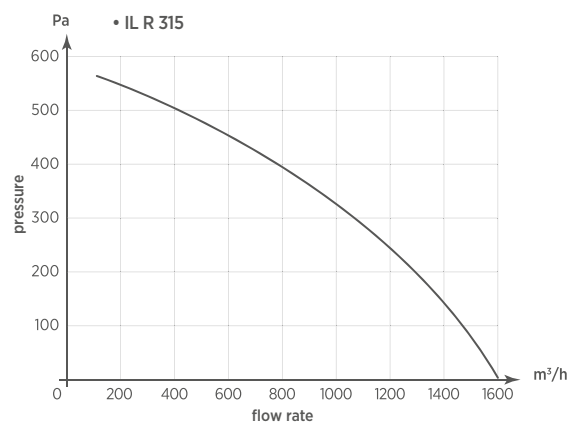
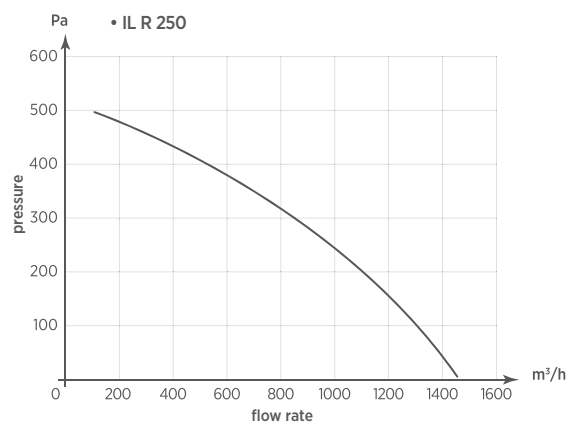
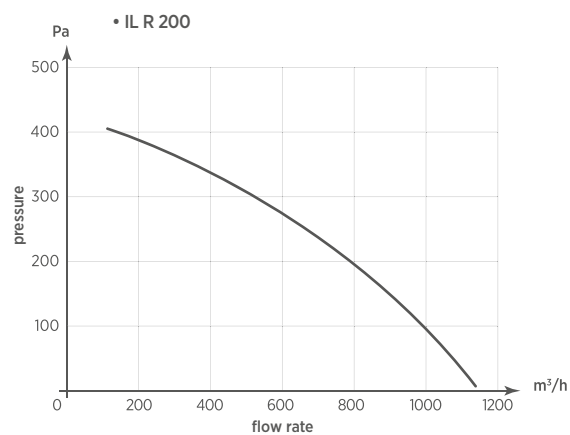
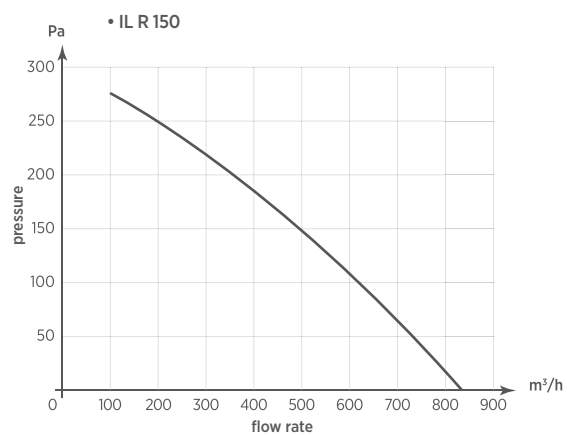
- Houses with central plant ventilation
- Shops, offices
- Gyms
- Workshops, small workshops

TECHNICAL DATA

| Model | Code | Motor | N° poles | Rev. per min. (RPM) | Voltage (Volt) | Frequency (Hz) | Flow rate (m³/h) | Max press (mm H₂O) | Max press (Pa) | Power (W) | Nom. curr. (A) | Protection degree | Noisiness dB(A) _{2m} | Weight (Kg) |
|----------|---------|--------------|----------|---------------------|----------------|----------------|------------------|--------------------|----------------|-----------|----------------|-------------------|-------------------------------|-------------|
| IL R 100 | 0012500 | Single phase | 2 | 2200 | 230 | 50-60 | 500 | 15,3 | 150 | 80 | 0,37 | IP44 | 53 | 8 |
| IL R 125 | 0012502 | Single phase | 2 | 2200 | 230 | 50-60 | 580 | 20,4 | 200 | 80 | 0,37 | IP44 | 55 | 8 |
| IL R 150 | 0012504 | Single phase | 2 | 2700 | 230 | 50-60 | 880 | 28,5 | 280 | 85 | 0,43 | IP44 | 56 | 8 |
| IL R 200 | 0012506 | Single phase | 2 | 2650 | 230 | 50-60 | 180 | 42,8 | 420 | 150 | 0,65 | IP44 | 65 | 11 |
| IL R 250 | 0012508 | Single phase | 2 | 2500 | 230 | 50-60 | 1500 | 51,0 | 500 | 165 | 0,73 | IP44 | 64 | 12 |
| IL R 315 | 0012510 | Single phase | 2 | 2650 | 230 | 50-60 | 1650 | 58,1 | 570 | 230 | 1,05 | IP44 | 70 | 16 |

FLOW CHARTS





ACCESSORIES:

SEE PAGE 85



Controllers



Duct
clamp



Protection
grille



Backdraught
shutter