



Centrifugal Jet fans to induce air movement in large spaces. Suitable for ventilation only at ambient temperature.

**Description**

Nominal thrust 50N, 75N and 100N. Backward curved centrifugal impeller in galvanised steel and balanced in accordance with ISO 1940-1, G6.3. Fan casing in galvanised steel. Fan external electrical terminal box. Supplied with inlet steel guard.

**Motors**

IEC from 80 to 90, 3 phase /400v / 50Hz, Class F.  
Two speed 4/8 pole Dalhander winding.  
Ambient temperature: -20°C to +40°C.

**On request**

Factory fitted IP65 isolator in place of electrical terminal box, isolator also available as an accessory for use with standard terminal box fan.



**Inlet guard.**



**Low profile**  
Useful in low structures.



**External terminal box for ease of connection.**



**Optional isolator**  
Electrical isolator fitted to fan for security or as an accessory.

REFERENCE

|                  |              |                |            |                    |              |              |
|------------------|--------------|----------------|------------|--------------------|--------------|--------------|
| <b>I F F T</b> / | <b>4/8</b> - | <b>1 0 0 N</b> | <b>C/I</b> | <b>2,3/0,37 kW</b> | <b>400 V</b> | <b>50 Hz</b> |
| 1                | 2            | 3              | 4          | 5                  | 6            | 7            |

- 1 - Series IFFT for ventilation only in ambient temperature.
- 2 - Motor speed (poles).
- 3 - Nominal thrust.
- 4 - C = terminal box (standard). I = On/off electrical isolation switch (optional).
- 5 - Motor power in kW.
- 6 - Nominal electrical supply.
- 7 - Frequency (Hz).

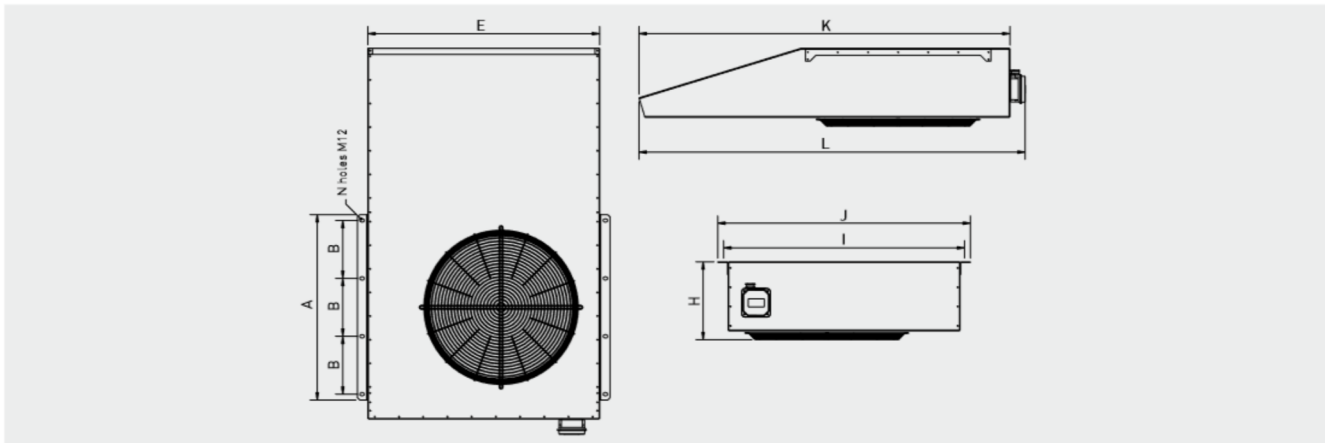
TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

| Model           | Speed (poles) | Speed (rpm) | Thrust (N) | Airflow (m³/h) | Nominal power (kW) | Maximum absorbed current (A) | Maximum absorbed current (A) | Sound pressure level* (LpA) | Weight (kg) |
|-----------------|---------------|-------------|------------|----------------|--------------------|------------------------------|------------------------------|-----------------------------|-------------|
| IFFT/4/8-50N-C  | 4/8           | 1420/710    | 50/13      | 5.800/2.880    | 1,1/0,18           | 3/1,1                        | 15/4,5                       | 75/59                       | 76          |
| IFFT/4/8-75N-C  | 4/8           | 1420/710    | 75/19      | 8.100/4.050    | 2,3/0,37           | 5,4/1,9                      | 30/7,5                       | 77/61                       | 120         |
| IFFT/4/8-100N-C | 4/8           | 1420/710    | 95/24      | 8.900/4.450    | 2,3/0,37           | 5,4/1,9                      | 30/7,5                       | 78/63                       | 120         |

\* Sound pressure at 3m hemispherical propagation, in free field conditions, for comparison.

DIMENSIONS (mm)



| Model | A   | B   | E    | H   | I    | J    | K    | L    | N |
|-------|-----|-----|------|-----|------|------|------|------|---|
| 50    | 600 | 275 | 800  | 272 | 844  | 890  | 1232 | 1298 | 3 |
| 75    | 800 | 250 | 1000 | 337 | 1044 | 1090 | 1600 | 1666 | 4 |
| 100   | 800 | 250 | 1000 | 337 | 1044 | 1090 | 1600 | 1666 | 4 |

ACOUSTIC CHARACTERISTICS

Sound power levels ref 1pW, tested in accordance with ISO 13347:2004.

IFFT (4 pole)

| Model | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|-------|----|-----|-----|-----|------|------|------|------|-----|
| 50    | 61 | 79  | 84  | 87  | 87   | 85   | 80   | 73   | 93  |
| 75    | 63 | 83  | 85  | 87  | 89   | 85   | 80   | 73   | 94  |
| 100   | 65 | 83  | 87  | 90  | 91   | 87   | 81   | 74   | 95  |

IFFT (8 pole)

| Model | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA |
|-------|----|-----|-----|-----|------|------|------|------|-----|
| 50    | 46 | 64  | 69  | 72  | 72   | 70   | 65   | 58   | 76  |
| 75    | 48 | 68  | 70  | 72  | 74   | 70   | 65   | 58   | 78  |
| 100   | 50 | 68  | 72  | 75  | 76   | 72   | 66   | 59   | 80  |