



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

Description

Models: 50N, 75N and 100N.
Centrifugal backward curved impeller in galvanized steel and balanced in accordance with ISO 1940-1, G6.3.
Fan casing in galvanized steel with 2 mounting feet.
Fan external electrical terminal box.
Supplied with inlet steel guard.

Motors

IEC, from 80 to 90, 3 phase /380-415/50Hz, Class F.
Two speed 4/8 pole, Dahlander winding.
Ambient temperature: -20°C to +40°C.
Available in 60Hz.

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
External painting to RAL colour.



S&P certifies that the IFFT shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program



Inlet guard

Air protection guard to mount at the inlet side.



Low profile

on outlet for uni direction, or inlet and outlet for reversible.



External terminal box for ease of connection.



Optional isolator

Electrical isolator fitted to fan for security, IP65, F400 factory fitted or as an accessory

REFERENCE

I	F	F	T	/	4/8	-	50N	C/I	1,21/0,2	400V	50Hz
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	AMCA certified values ¹						Sound pressure level ⁴ (LpA)	Weight (kg)
	Speed (rpm)	Thrust (N)	Airflow (m3/h)	Motor power ² (kW)	Input motor power (kW)	Sound power level ³ (LwA)		
2 speed 4/8 POLE 50Hz								
IFFT/4/8-50N-C	1395 / 722	41 / 11	5108 / 2621	1,21 / 0,20	1,65 / 0,3	91 / 76	74 / 59	76
IFFT/4/8-75N-C	1446 / 734	73 / 18	8125 / 4025	2,3 / 0,37	2,74 / 0,5	93 / 78	76 / 61	120
IFFT/4/8-100N-C	1421 / 728	86 / 23	8928 / 4576	2,3 / 0,37	3,55 / 0,6	95 / 79	78 / 62	120
2 speed 4/8 POLE 60Hz								
IFFT/4/8-50N-C	1703 / 852	46 / 12	5761 / 2881	1,5 / 0,21	2,5 / 0,4	94 / 79	77 / 62	76
IFFT/4/8-75N-C	1750 / 875	66 / 17	7764 / 3882	2,5 / 0,45	4,1 / 0,7	96 / 81	79 / 64	120
IFFT/4/8-100N-C	1710 / 855	84 / 21	8672 / 4336	2,5 / 0,45	5,1 / 0,8	97 / 81	80 / 64	120

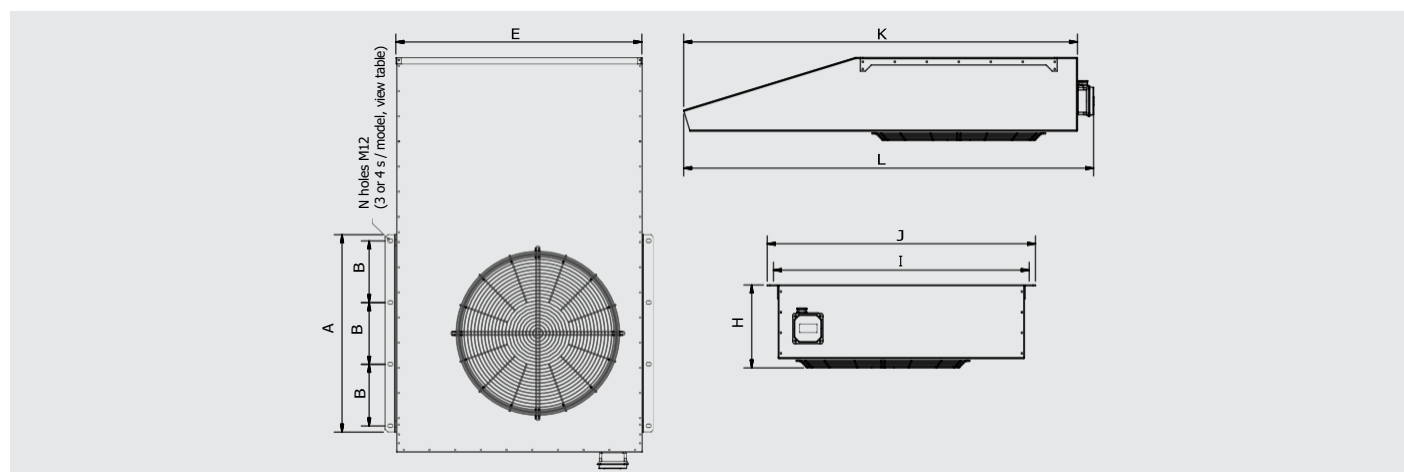
¹ The AMCA certified rating seal applies to airflow rate at free delivery only. Speed (rpm) shown is nominal. Performance is based on actual speed or test. Performance ratings include the effects of appurtenances on the inlet. Performance ratings include the effects of the inlet guards.

² May depend on motor used.

³ The A-weighted sound power ratings shown have been calculated per AMCA Standard 301. Values shown are for total LwA sound power levels for installation type A: free inlet, free outlet.

⁴ LpA sound pressure levels at 3 m, hemispherical propagation, in free field conditions, are not licensed by AMCA International.

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