

## Induction Jet Fan (IJF)

Low profile and high thrust make this fan particularly suitable for large car parks with low head room. Can be mixed with axial jet fan to achieve the ideal system solution



### General Specification

High performance centrifugal induction fan for ventilation of covered car parks. Fans are available in two thrust options, 50N and 75N and are high temperature rated for smoke control use. Units are available in 2 speed options full and half or full and two thirds speed or single speed motors suitable for inverter control.

### Construction

Casing manufactured from galvanised steel sheet with low vertical dimension and wide discharge inlet at base of unit. Integral mounting brackets make installation simple. Flanged IEC motor with high performance centrifugal impeller. Fan rated at 300°C for 120 minutes. Casings can be powder coated to RAL colours on request.

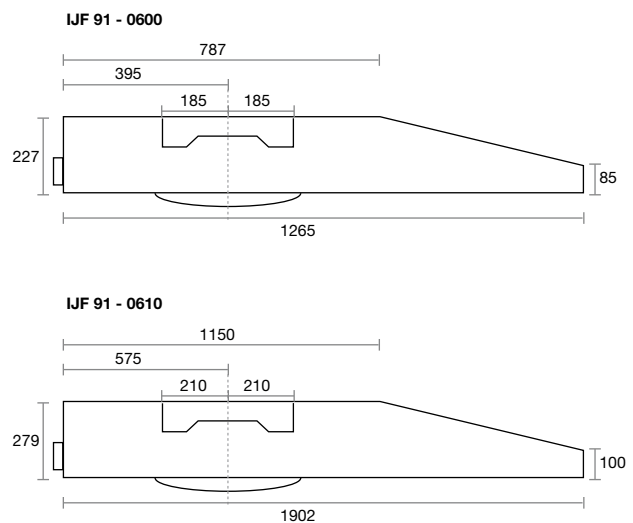
### Installation

Fans can be mounted directly to the ceiling of the car park or suspended on drop rods according to particular location.

### Guidance

Contact our project engineers for advice on complete design ,supply and install packages. We also offer design consultancy including c.f.d. modelling.

### Dimensions (mm)



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## Product Data IJF 91-0600

Unit Code	Thrust	Discharge speed m/s	Poles	Voltage	Frequency Hz	Speed	Nominal power	Nominal current	Full load current	Motor size	Weight kg	Sound db
0600-4D-15	50	25	4	230	50	1435	1.5	5.8/3.3	5.8	90L	130	77
0600-1D-15	50/23	25/17	4/6	400	50	1425/955	1.5	3.6/1.8	7.4/3.9	90L	130	77
0600-1D-15	50/13	25/13	4/8	400	50	1420/720	1.3	3.0/1.15	5.4/3.4	90L	130	77

## Product Data IJF 91-0610

Unit Code	Thrust	Discharge speed m/s	Poles	Voltage	Frequency Hz	Speed	Nominal power	Nominal current	Full load current	Motor size	Weight kg	Sound db
0610-4D-16	75	23.5	4	230	50	1435	2.2	8.60/5.0	5.8	90L	130	77
0610-1D-16	75/34	23.5/16	4/6	400Y/Y	50	1425/955	2.2	5.00/2.6	7.4/3.9	90L	130	77
0610-1D-16	75/34	23.5/12	4/8	400Y/Y	50	1430/715	2.2	5.10/1.6	5.4/3.4	90L	130	77

## Sound Data

Fan type	Poles	pA 1mm Db	pA 1mm Bel/at								
			63	125	250	500	1000	2000	4000	8000	Hz
IJF 91-0600	4	77	64	79	75	75	71	69	56	60	Db
	6	56	66	70	66	64	61	57	54	48	Db
	8	59	68	62	58	57	54	49	46	39	Db
IJF 91-0600	4	83	74	87	81	80	77	75	68	63	Db
	6	71	72	79	71	58	66	62	55	50	Db
	8	63	74	68	61	61	58	52	45	40	Db

Sound pressure level was measured at a distance of 1m in two positions. Average values are shown

## Accessories

### Car Park Control System

A complete range of control panels and sensors for control of car park ventilation system. Controls are fully programmable and feature touch screen HMI panels, CO sensors and inverter control for energy saving operation.



**Product code**  
See data sheet