



INSULATED IN-LINE RECTANGULAR DUCT FANS

IRAB - IRAT Series

IRAT/4-400A (400V 50HZ)

VE



Insulated rectangular duct fan. Very low profile design. Backward curved centrifugal impeller. Casing manufactured from heavy gauge galvanised sheet steel.
50mm thickness of M0 glass fibre internal acoustic insulation.
External rotor motor, speed controllable, IP55, Class F insulation.
External wiring terminal box.
Safety thermal overload protection.

Motors

Motor and impeller fitted on the inspection cover enabling easy cleaning and maintenance.

Type of electrical supply

-Single-phase 230V-50Hz (IRAB)

-Three-phase 400V-50Hz (IRAT)

All motors are speed by autotransformer.

All three-phase models are speed controllable by frequency inverter less the IRAT/4-450 model.

+ Attributes



Inspection door
Inspection door that facilitates maintenance.



Versatile design
Can be installed in any position.



Centrifugal backward curved impeller
To prevent accumulation of dirtiness. Dynamically balanced.

+ Acoustic characteristics

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+ Technical characteristics

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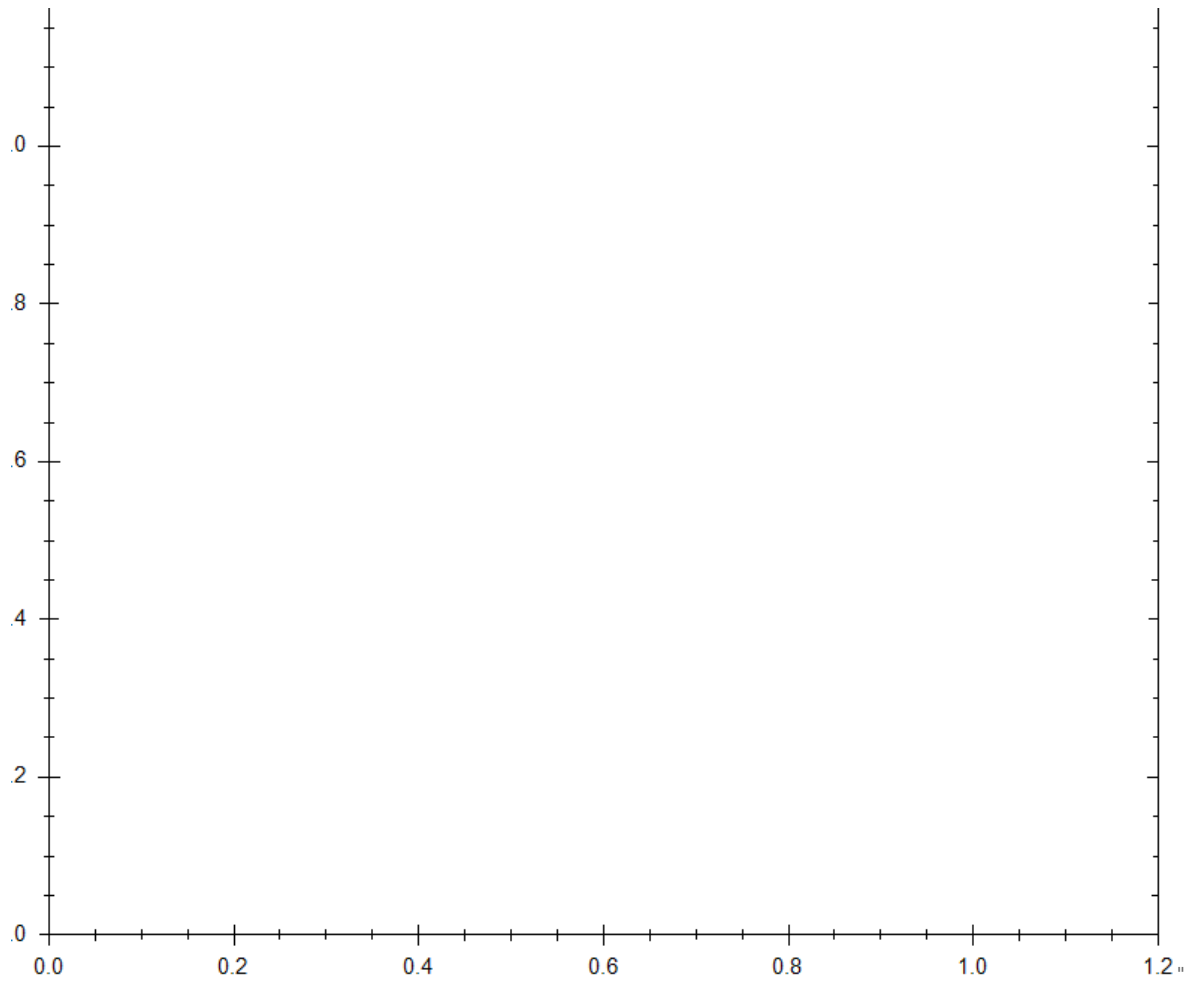
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+ Dimensions

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+ Curves



+ Mounting Accessories



IFL
In-line duct bag filter.



IBE
Electric heater.



IBR
Rectangular duct flange.



IAE
Rectangular flexible connector.



DEF
Rectangular protection guard.



ISA
Anti-vibration mounting.
(1 ISA = 4 supports)



IAA
Acoustic attenuator.



IBW
Hot water coil.



IFL G4
In-line duct bag filter.



IJK
Damper. Supplied with standard rectangular flanges. Manufactured from galvanised sheet steel. Fitted as standard with removable handle. Shaft diameter: 10 mm. As accessory: electrical damper actuator LM230A.

For more information see the mounting accessories for direct air fans, behind ILT serie.

+ Electrical Accessories



RMB/RMT
Fan speed controllers.



VFTM IP21
Adjustable frequency drive for three phase motors.



DPS 2-30
DPS 10-100
Differential pressure switches:
- DPS 2-30: from 20Pa to 300Pa.
- DPS 10-100: from 100Pa to 1000Pa.



LM-230A
Electrical damper actuator.



TTC-2000
TTC-2000 + TTS-1
Three phase electric heater controller.
The TTC-2000 needs an external temperature sensor to control the heater (TG-K300 or TG-R530).



TTC-40F + TTS-4
Three phase electric heater controller.
The TTC-40F needs an external temperature sensor to control the heater (TG-K300 or TG-R530).



TG-K330
Duct temperature sensor.
TG-R530
Room temperature sensor.

For more information see electrical accessories.