

Selection - FC-HT 806 T F400

Product Code	1FC8104
Requested Air Volume	4,00 m³/s
Requested Pressure	35,0 mmwg
Air Volume	4,11 m³/s
Static Pressure	36,9 mmwg
Total Pressure	41,0 mmwg
Velocity Pressure	4,15 mmwg
Outlet Velocity	8,17 m/s
SFP	-
Air Temperature	15 °C
Altitude	0 m
Motor Input Power	-
Temperature Range	-20°C +80°C

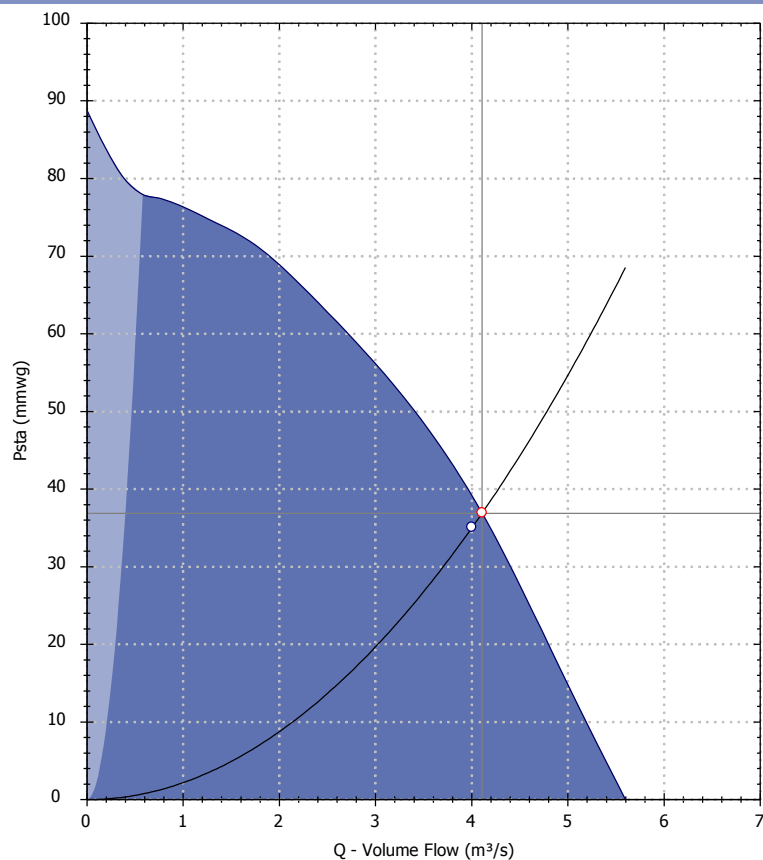
Motor Selection

Electrical Supply	400/3/50
Motor Rating	3.00 kW
Full Load Current	6.60 A
Enclosure/Class	55 / F
Frame Size	132S
Poles number	6
Motor Speed	960 rpm

ERP Information

Optimal Efficiency	0,00%
Installation Type	C
Efficiency Category	Static
N	
Variable Speed Drive	False
Manufacturer	Maico
Reference	FC-HT 806 T F400
Optimal Power	-
Optimal Airflow	0,000 m³/s
Optimal Pressure	0,000 mmwg
Optimal Speed	0rpm

Fan Performance



Performances refers to Maico Italia measures and may vary according to the installation type.

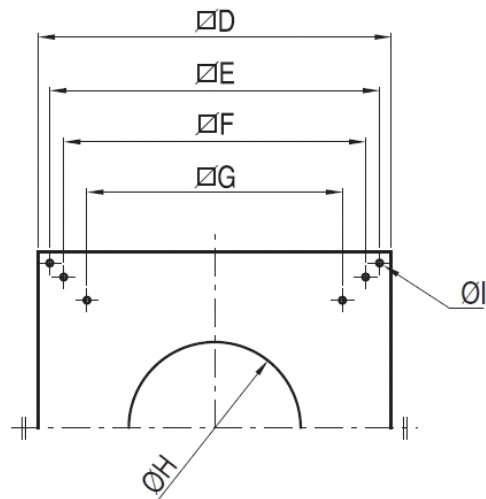
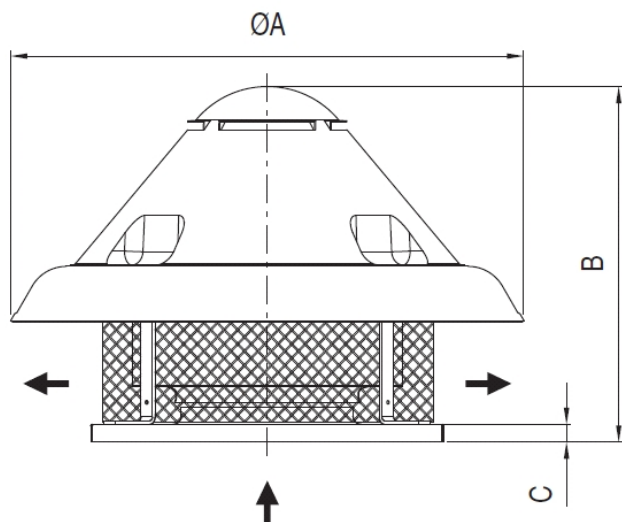
Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Lw	87	93	91	90	86	86	84	77	98
Lw(A)	61	77	82	87	86	87	85	76	93
LpA @ 6m	34	50	55	60	59	60	58	49	66

Sounds spectra refers to Maico Italia measures performed in our laboratories. The values provided are just indicative of the situation and Maico Italia declines every responsibility in case different levels measured by our customers as the installation types and the environmental variables may increase/decrease these values.

Selected Accessories

Drawing and Dimensions - FC-HT 806 T F400

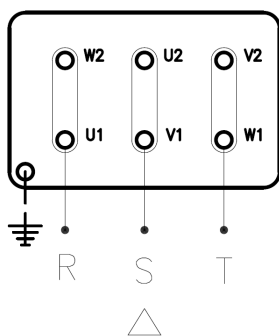


Key	ΦA	B	C	D	E	F	G	ΦH	ΦI	kg
Value [mm]	1300	880	38	930	870	775	665	530	14	118

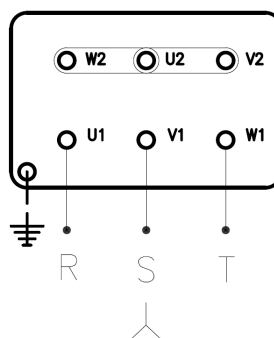
Drawings are indicative of the size of the selected fan. These dimensions may vary, even without any explicit advice. To have more accurate information contact your local agency.

Electric Wire Connections

230 V/3 Ph/50 Hz

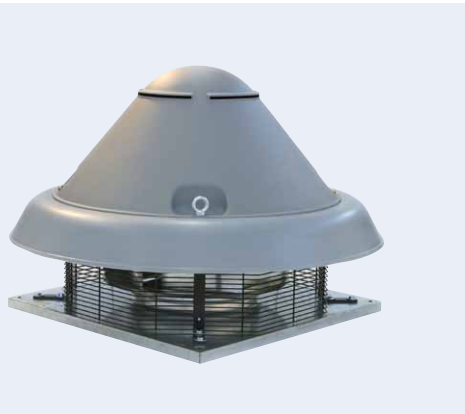


400 V/3 Ph/50 Hz



Torrini d'estrazione centrifughi F400 (Certificati secondo EN12101-3)

Centrifugal roof fan F400 (Certified according to EN12101-3)



Applus⁺

F400
Certificato / *Certificate*
nr 0370-CPD-1148

DESCRIZIONE GENERALE

Torrini di estrazione centrifughi per aspirazione diretta o canalizzata e adatti all'evacuazione di fumi ad alta temperatura.

La serie è idonea al funzionamento alla temperatura di +80°C ed è certificata CE in classe F400 dal laboratorio terzo indipendente APPLUS secondo la normativa EN12101-3.

COSTRUZIONE

- Telaio di base in lamiera d'acciaio zincato.
- Rete di protezione in tondino d'acciaio trafilato e protetto contro gli agenti atmosferici.
- Girante a pale rovesce, ad alto rendimento aeraulico e bassa rumorosità, in lamiera zincata, bilanciata staticamente e dinamicamente secondo ISO 1940.
- Copertura in ABS, con idonee feritoie per il corretto raffreddamento del motore (struttura a cedimento controllato in caso di incendio).
- Motore asincrono trifase a norme internazionali IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE, marcato CE, IP55, classe F. Alimentazione: 400V, 50Hz trifase.

A RICHIESTA

- Versione 2 velocità con motore a doppia polarità (FC 2V).
- Interruttore di servizio.

ACCESSORI

- Controbase a murare (CB).
- Rete lato aspirazione (CCR).

DESCRIZIONE GENERALE

Centrifugal roof fans for direct or duct application and suitable for high temperature smoke extraction.

The series is suitable for running at the temperature of +80°C and is CE certified to F400 by the independent notified body APPLUS according to EN12101-3.

CONSTRUCTION

- Base frame in galvanized steel sheet.
- Protection guard in drawn steel rod protected against the atmospheric agents.
- Backward curved wheel in galvanized steel sheet, with high efficiency and low noise level, statically and dynamically balanced according ISO 1940.
- Upper cover in ABS, with appropriate slots for motor cooling (collapsing controlled cowl in case of fire)
- Double speed asynchronous three-phase motor manufactured according to international standards IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE, CE marked, IP 55, class F. Electric supply: 400V / 50 HZ three phase.

UPON REQUEST

- 2 speed version with double polarity motor (FC 2V)
- Service switch.

ACCESSORIES

- Counter-base to be walled-up (CB).
- Inlet side grid (CCR).

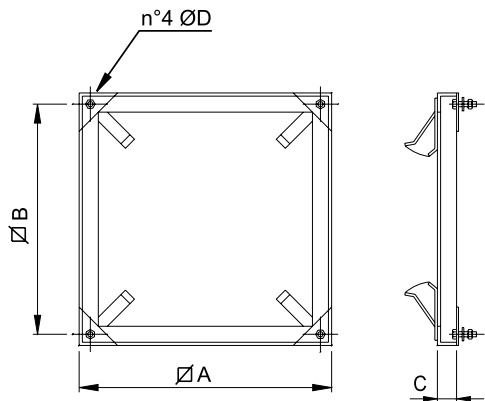
CONTROBASI A MURARE (CB) COUNTER BASES TO BE WALLED UP (CB)

La controbase garantisce un efficace ancoraggio al cavedio, tramite la muratura delle quattro zanche appositamente realizzate. Manufatto realizzato in robusta lamiera con predisposto il fissaggio alla base del torrino.

The counter base ensures an effective anchorage to the concrete support, through the fixing of four metal strips suitably designed. It is made in solid steel with arrangement for fixing to the fan base.

Cod.	TIPO TYPE	A	B	C	ØD	kg
1CB4000	CB 40-45	630	600	30	M8x30	3,2
1CB5500	CB 50-56	740	710	30	M10x40	3,6
1CB6000	CB 63-75-80	900	870	30	M10x40	4,0

Dimensioni in mm / Dimensions in mm



RETI PROTEZIONE CCr PROTECTION GUARDS CCr

Rete piana per salvaguardare dal contatto accidentale con le parti in movimento del ventilatore. Realizzate in filo d'acciaio e protette contro gli agenti atmosferici.

Flat guard that prevent from casual contact with moving parts of the fan. Manufactured in steel rod and protected against atmospheric agents.

Cod.	TIPO - TYPE	ØA	kg
5RE9063	CCr 63	690	2,2
5RE9080	CCr 80	860	4
5RE9090	CCr 90	970	5

Dimensioni in mm / Dimensions in mm

