

CAJAS COMPACTAS Serie UPE-CM-Compacta



DESCRIPCION

La unidad plenum de extracción conocida también como ventilo-canal, es un grupo de ventilación compacto que permite la extracción y/o filtrado de aire y gases con un costo reducido y un sencillo montaje.

Están equipadas con ventiladores centrífugos de baja presión con motor incorporado.

Disponibles con:

- Motores en 4 ó 6 polos en monofásicos.

- Motores 6 polos trifásicos.

La gama UPE-CM-Compacta cubre un margen de caudales de 500 a 6500 m³/h.

APLICACIONES

Ventilación general de locales tales como:

- Comercios
- Despachos
- Restaurantes
- Cocinas industriales.

UPE-CM COMPACTA

CONSTRUCCIÓN

Cajas

Cajas de chapa de acero galvanizado de gran espesor, aisladas con espuma no inflamable (M1).

El acceso al ventilador se realiza a través de 2 puertas laterales.

Un prensaestopa en la cara delantera facilita el paso del cable eléctrico.

Ventiladores

Ventiladores centrífugos de baja presión con motor incorporado y rodets de álabes hacia adelante, construidos en acero galvanizado y equilibrados de forma dinámica.

Motores

Montados por medio de un soporte a

uno de los oídos de aspiración del ventilador:

- Monofásicos de condensador permanente 230 V 50 Hz
- Trifásicos 230/400 V 50 Hz.
- Protección térmica (de rearme automático para los monofásicos).

ELEMENTOS OPCIONALES

Las dimensiones standard pueden modificarse, bajo pedido o plano del cliente.

Panel de aspiración ciego o con aspiración circular.

Panel de impulsión y/o aspiración con montaje en posición vertical.

DIRECT-DRIVE CENTRIFUGAL ACOUSTIC FAN CABINET UPECM-COMPACT Series

DESCRIPTION

The UPECM COMPACT series of acoustic centrifugal cabinet fans offer an ideal and cost effective ventilation solution for the extract or supply of non-hazardous airstreams. The range consists of 7 nominal model sizes all of which include direct-drive, low pressure forward curved centrifugal fans.

The UPECM range are available with:

- Single phase motors in 4 or 6 pole speeds
- Three phase motors in 6 pole speeds.

Airflow performance for the UPECM

series fans ranges from 500 up to 6,500 m³/hr.

APPLICATIONS

The UPECM series of fans are suitable for many ducted noise sensitive ventilation applications, including the ventilation of:

- Offices.
- Factory units.
- Restaurants.
- Cafes and bars.
- Shops.

UPE-CM COMPACT

CONSTRUCTION

Casing

All UPECM fan casings are manufactured from fabricated galvanised sheet steel and internally lined with high grade Melamine (M1 flame retardant type) acoustic insulation material.

The UPECM casing design enables the fan to be accessed from both side panels, without having to remove the casing from the ducting.

A wiring entry grommet is provided on the duct outlet panel to facilitate wiring and installation.

Fan/Impeller

All UPECM cabinet fans include, as standard, low pressure forward curved centrifugal fan impellers manufactured from pressed and formed galvanised sheet steel. All impellers are factory fitted to the motors and dynamically balanced to minimise vibration.

Motors

All motors are directly mounted to the impeller scroll by a tough electro-welded support frame. The following electrical specifications apply:

- Single Phase, capacitor run and start, 230V 50Hz.
- Three Phase, 230/400V 50Hz.
- All models include a Safety Thermal Overload protection device. (auto-reset type on single phase motors).

SPECIAL OPTIONS - PLEASE ENQUIRE

The UPECM range can be manufactured to customer specific dimensions or specifications.

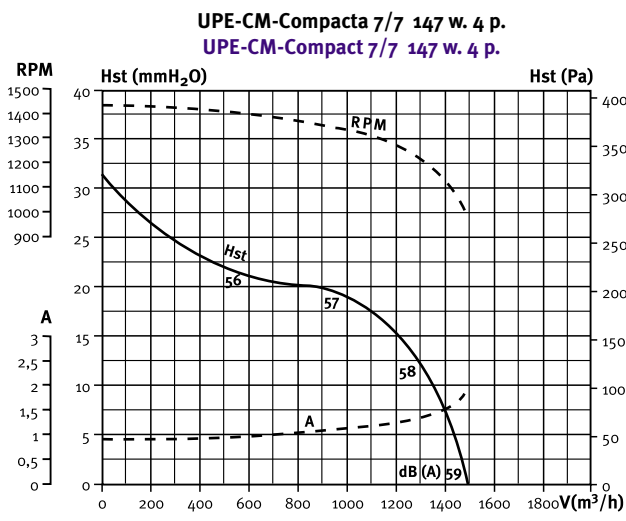
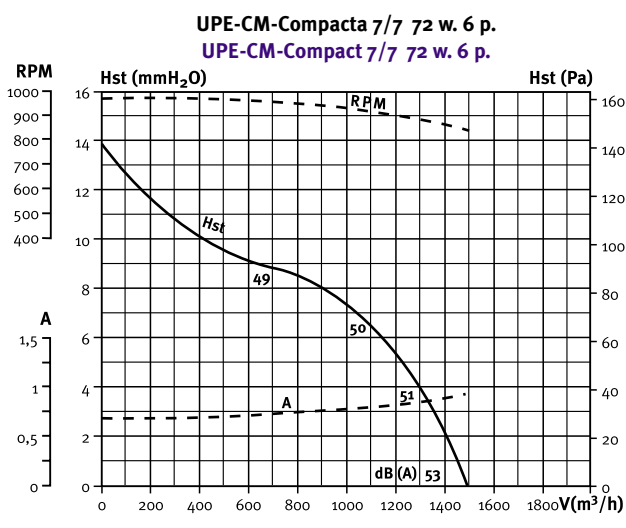
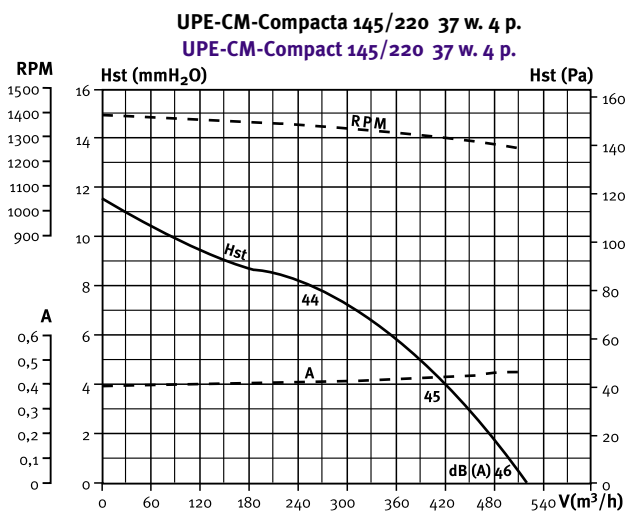
The inlet panel can be supplied without duct flange or with a circular ducting flange connector.

Both inlet and / or discharge ports can be supplied in a vertical format.



CURVAS CARACTERISTICAS / TECHNICAL CHARACTERISTICS

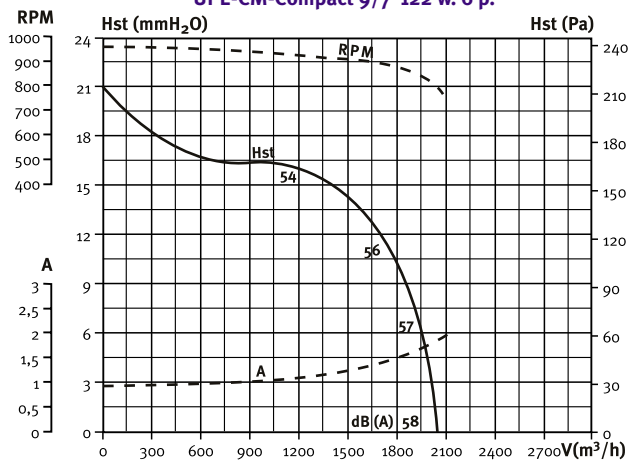
Hst	mm H ₂ O · Pa (N/m ²)	Presión estática Static Pressure
η	R.P.M.	Revoluciones rodete Speed
V	m ³ /h	Caudal de aire Airflow
dB (A)	Decibel	Nivel sonoro (a 1 metro) Sound Level @ 1 m
A	Amperios	Intensidad Current



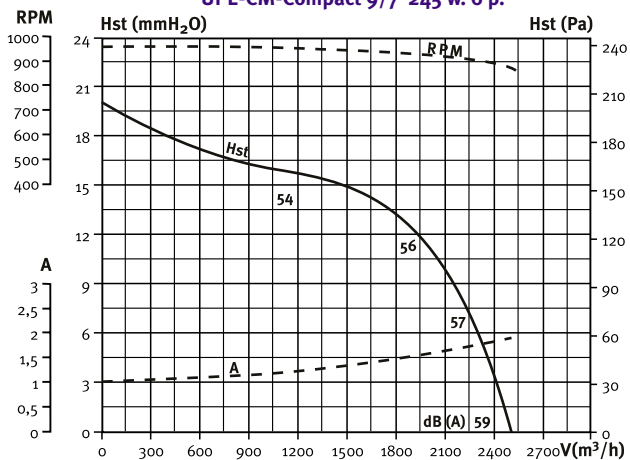


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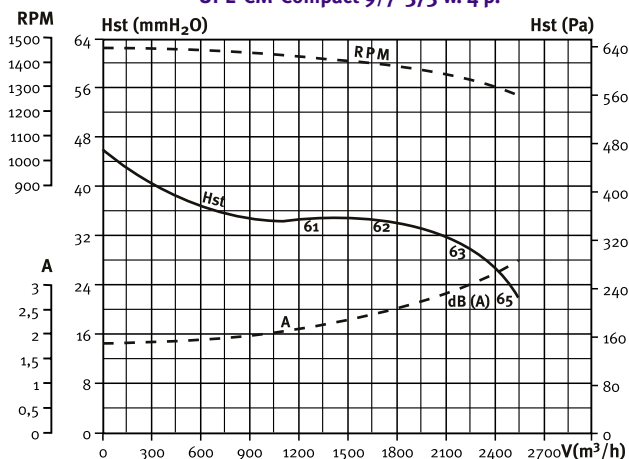
UPE-CM-Compacta 9/7 122 w. 6 p.
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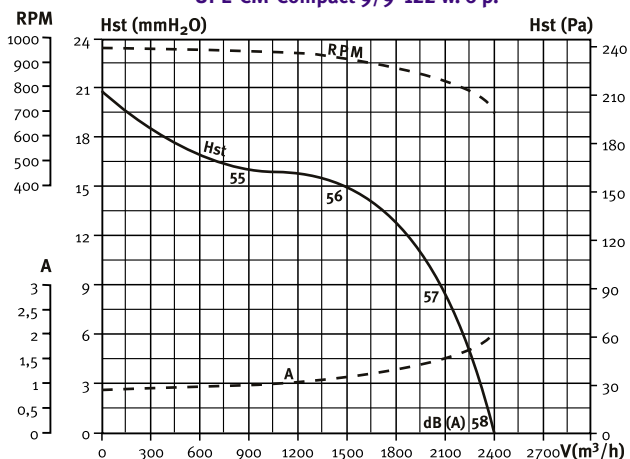
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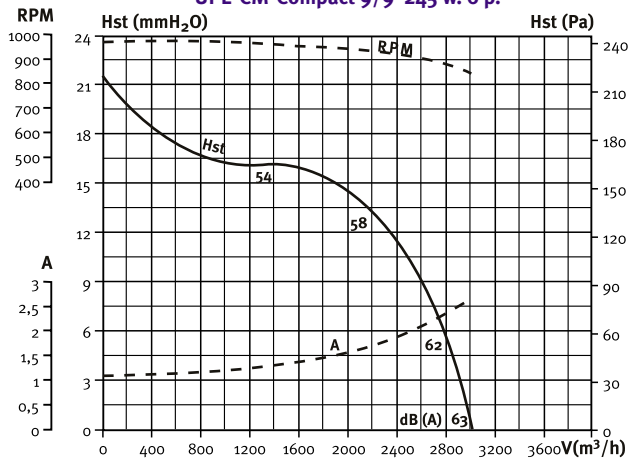
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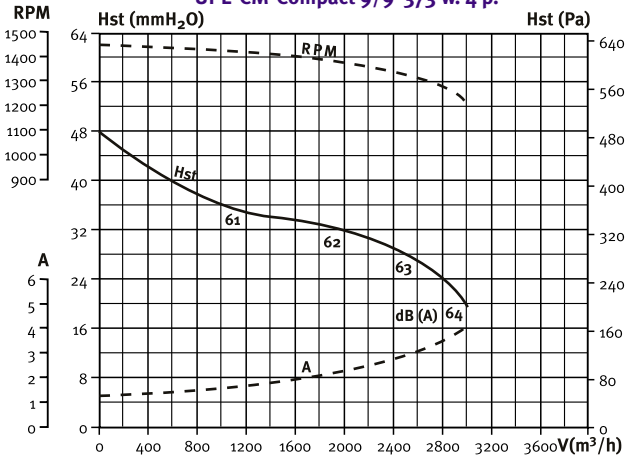
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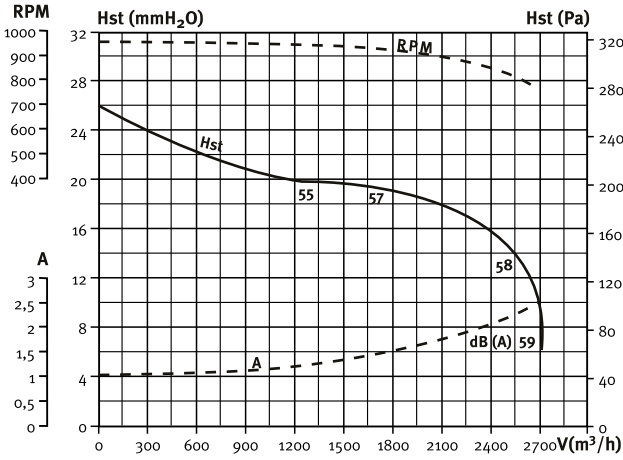
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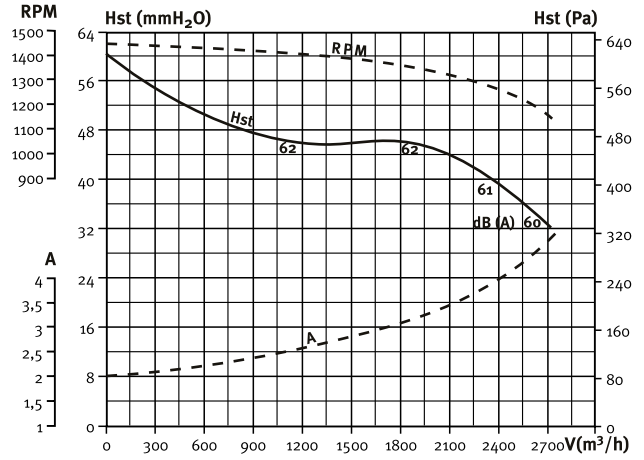


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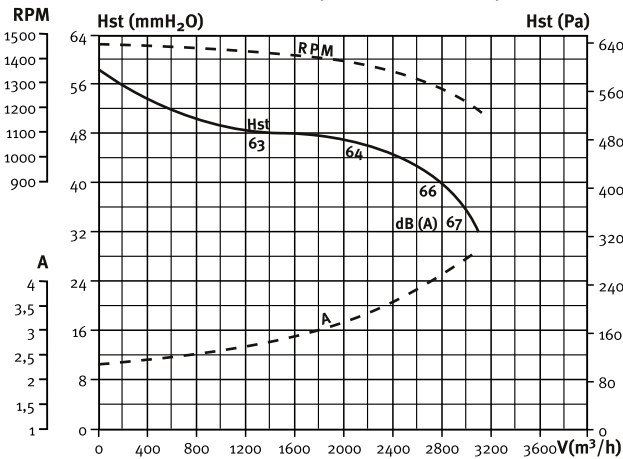
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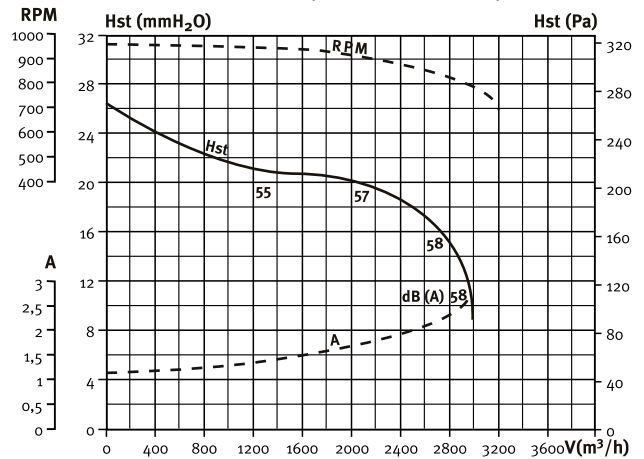
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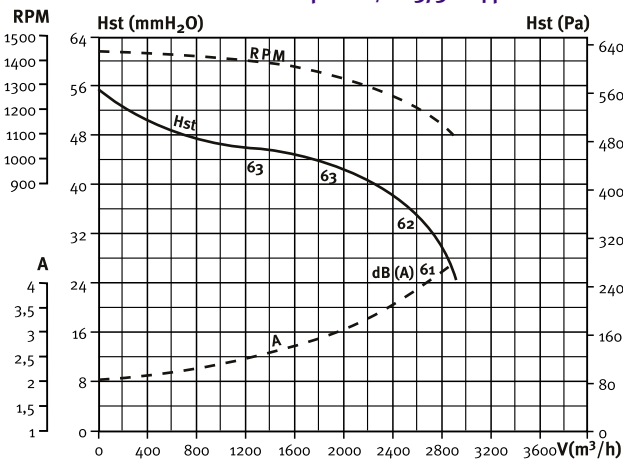
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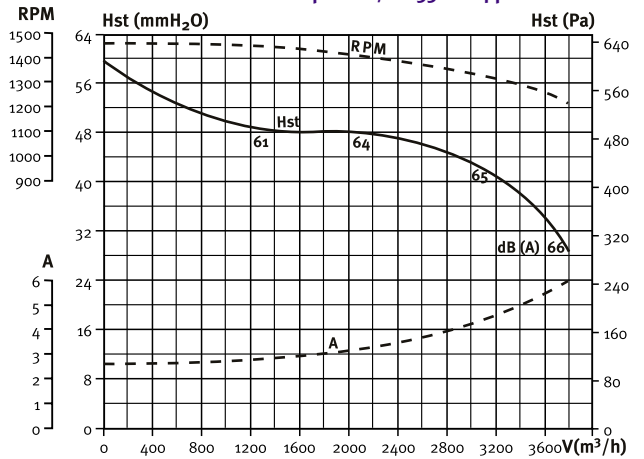
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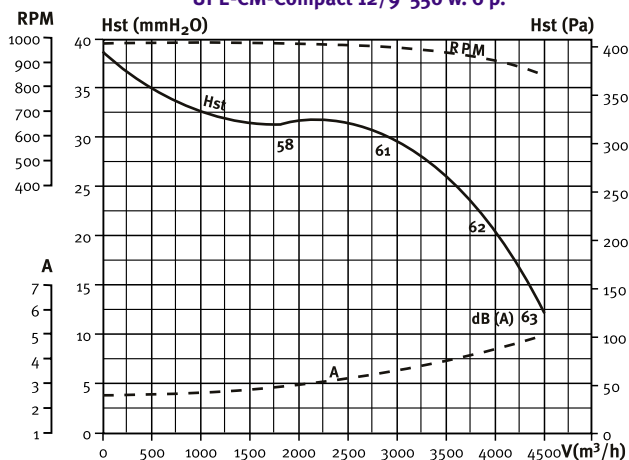
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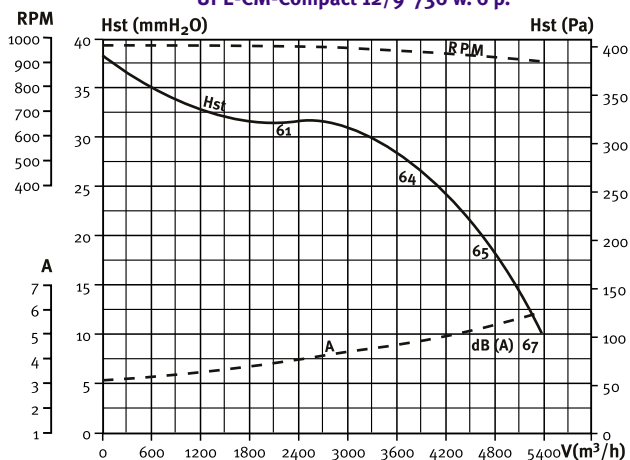


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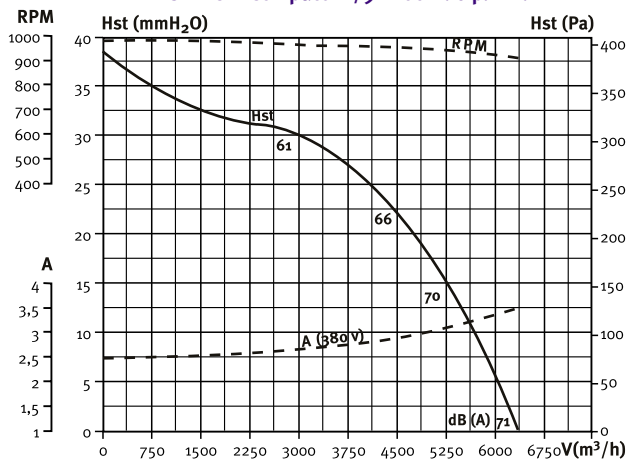
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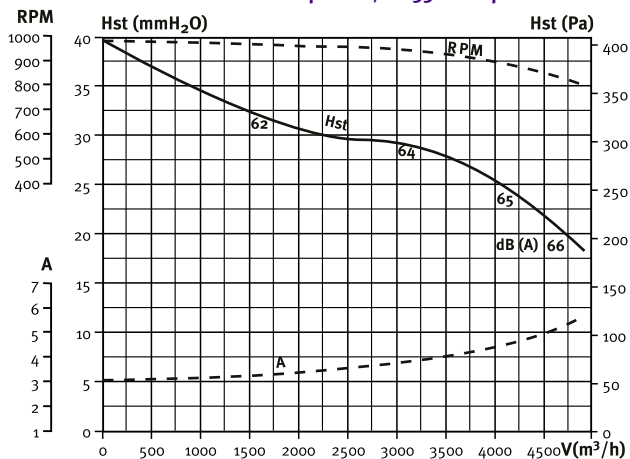
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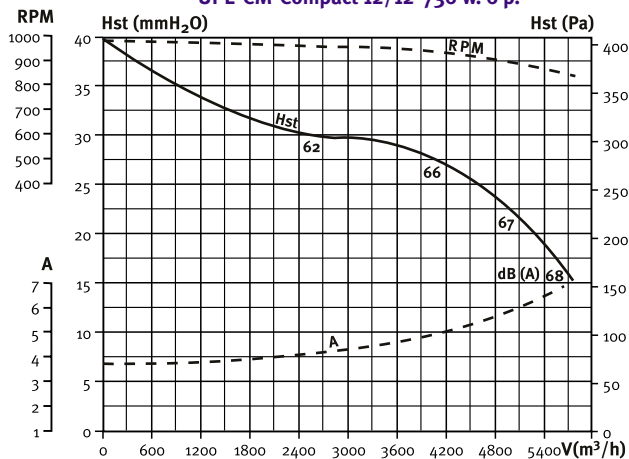
UPE-CM-Compacta 12/9 1100 w. 6 p. Trif.
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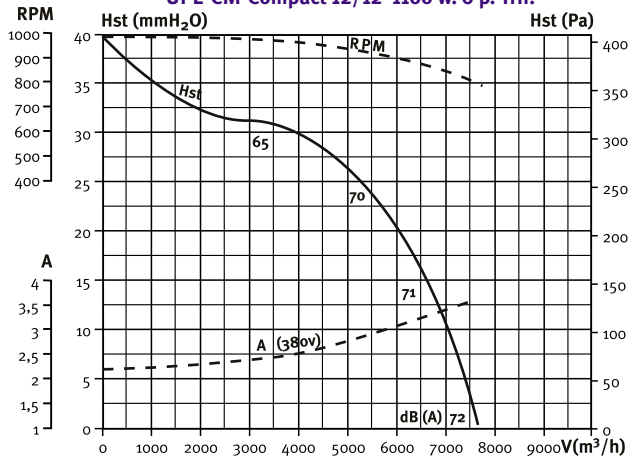
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UPE-CM-Compacta 12/12 736 w. 6 p.
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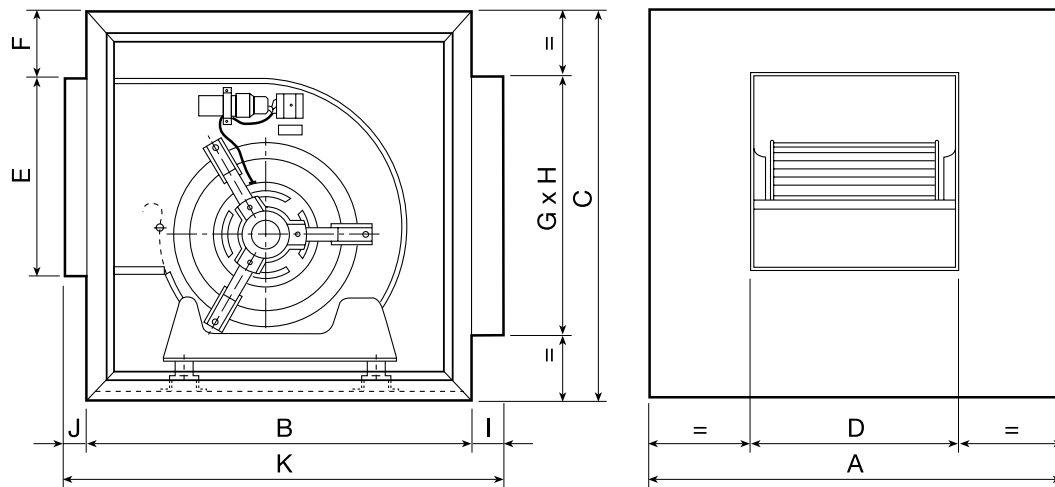


UPE-CM-Compacta 12/12 1100 w. 6 p. Trif.
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DIMENSIONES (mm) / DIMENSIONS (mm)



Modelo / Model Type	A	B	C	D	E	F	G	H	I	J	K
7/7	455	445	455	232	222	75	325	325	40	30	515
9/7	555	515	535	232	260	89	400	400	40	30	585
9/9	555	515	535	300	260	89	400	400	40	30	585
10/8	595	565	590	266	290	90	450	450	40	30	635
10/10	595	565	590	333	290	90	450	450	40	30	635
12/9	675	620	640	311	341	62	500	500	40	30	690
12/12	675	620	640	396	341	62	500	500	40	30	690

