

Natural smoke and heat exhaust device wall mounted ventilator



**PRESENTATION**

*“CDC” products belong to the “NSHEV” products range. These products are made of aluminium profiles. They blend perfectly with any type of building front (fitted-in or against wall application, glass-mirror facades, or complete building overhauling). The “CDC” products range complies with the new regulation requirements. A conformity certificate to the NF EN 12101-2 standard (CE marking) has been granted to these products.*

**SPECIFIC ENERGY**

Wall mounted ventilator with gas spring



**OS-0/F**

(opening only – opening/closing)

**PNEUMATIC ENERGY**

Wall mounted ventilator with pneumatic jacks



**VPA**

**ELECTRIC ENERGY**

Wall mounted ventilator with electric jack



**MEL**



**MVPE**

Natural smoke and heat exhaust device wall mounted ventilator



**GENERAL CHARACTERISTICS**

**Operating modes :** specific energy, pneumatic energy, electric energy.

**Material :** thermal isolated frame made of aluminium profiles.

**Finish :** natural anodizing (RAL lacquer upon request).

**Optional covering accessories :** gaskets covers, hip-sheets, insulation window frames, water evacuation.

**Filling (Euroclasses) :** glass (A1) ; sandwich panel (F) ; PCA <16 mm (B-s1, d0) ; PCA ³16 mm (B-s2, d0).

Within limits of the official tests authorized weights

**Authorized types of openings :** window open to the outside with hinges at the top or at the bottom, window open to the inside with hinges at the bottom.

**Authorized opening angle :** + 30° from vertical position.

**RANGE OF PRODUCTS**

ENERGY		SPECIFIC ENERGY				PNEUMATIC		ELECTRIC
Type	OS Opening only	O/F 2 Opening/Closing	O/F 3 Opening/Closing	O/F 4 Opening/Closing	VPA	MVPE	MEL	
<b>Dimensions L x H</b> (Air clearance)	internal mini	300 x 400	300 x 400	1200 x 400	300 x 400	300 x 300	300 x 300	300 x 300
	external mini	300 x 300	300 x 300	1200 x 530	300 x 300			
	internal/external max	1600 x 1600 ou 2200 x 1200	1200 x 1600	1600 x 1600 ou 2200 x 1200	1600 x 1600 ou 2200 x 1200	1600 x 1600 ou 2200 x 1200	1200 x 1500	1600 x 1600 ou 2200 x 1200
	French/English max	1000 x 2200	1000 x 1600	1000 x 2200	1000 x 2200	1000 x 2200	1000 x 1500	1000 x 2200
<b>Mécanism</b>		2 gas jacks + lock(s)	2 gas jacks + receiver	2 gas jacks + double receiver	2 gas jacks + reeving	2 pneumatic jacks	1 pneumatic jack	2 electric jacks
<b>Opening direction</b>	opening to the top	inside/outside	inside/outside	inside/outside	inside/outside	inside/outside	ioutside	inside/outside
	opening to the bottom	inside/outside	inside/outside	inside/outside	inside/outside	inside/outside	ioutside	inside/outside
<b>Opening angle</b>	opening to the top/bottom	60°	60°	60°	60°	up to 60° consult us	up to 60° consult us	up to 60° consult us
	French/English	up to 90°	up to 90°	up to 90°	up to 90°	up to 90°	up to 90°	up to 90°
<b>Assembly slope</b>	from 0 to + 30° from vertical position							
<b>Filling weight</b>	opening to the bottom/F/E	32,5 Kg/m² max						
	opening to the top	30 kg/m² max - limited to 60 kg						
<b>Reliability (+ ventilation)</b>	Re 300 Type A*	Re 300 Type B*	Re 300 Type B*	Re 300 Type B*	Re 300 (+10000) Type B*	Re 300 (+10000) Type B*	Re 300 (+10000) Type B*	
<b>Ventilation minimum pressure</b>					6 bar	6 bar		
<b>Opening under low temperature</b>	T (00)							
<b>Wind load</b>	up to WL 1500	WL 1500	WL 1500	WL 1500	WL 1500	up to WL 1500	WL 1500	up to WL 1500
<b>Resistance to heat</b>	B 300							

\* Type A : opening only – Type B : opening/closing

**AERODYNAMIC CHARACTERISTICS (Aa)**

PLEASE CONSULT US



### RECOMMENDATIONS/TIPS

Check that no obstacle may impair the CDC opening;

Whenever possible, carry out a no-load test before testing under pressure.

Wall mounted ventilator installation must comply with the current DTU (contract spécification) according to the fitting in masonry, glass-mirror facades or other.

Motor parts must never be painted.

A document describing the private tests carried out and the results of these tests must be provided to the coordinator of the project in order to implement the handover certificate.

The materials and equipment must be stockpiled in a safe and dry place.

Never paint the product identification sticker.

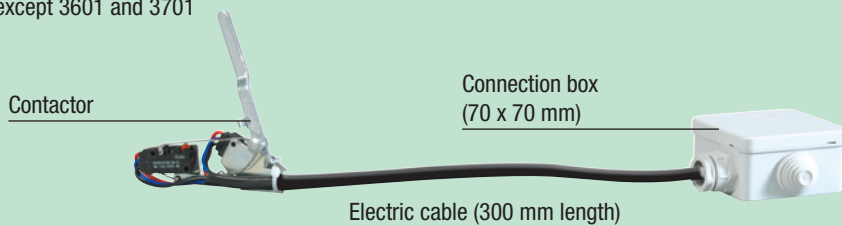
It is mandatory to strictly follow the info given in the instruction sheets provided with the product.

### SAFETY OPTIONS

#### POSITION SWITCHGEARS MODULES (consult us)

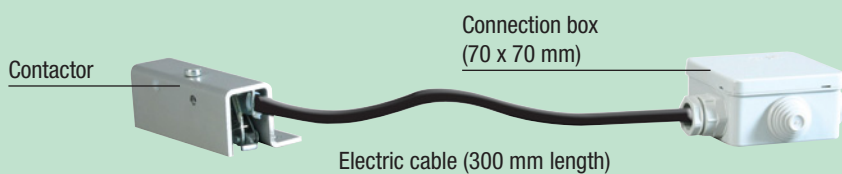
Ref. **6977**  
except 3601 and 3701

For wall mounted ventilator (CDC in french) and O/F (opening/closing)



Ref. **6970-05**  
Ref. **6971-05**

For wall mounted ventilator (CDC in french) VPA, MPVE and MEL



Ref. **6974**

For all the wall mounted ventilator (CDC in french) opening to the outside



