



TECHNICAL DATA



UNIT	CONTROL	ENERGETIC CLASS	
BREVA-V 1	CTR-S	A	A+ ➤
	EVO(D)-PH	A	A ➤
	EVO(D)-PH + probe	A	B ➤
BREVA-V 2	CTR-S	B	C ➤
	EVO(D)-PH	B	D ➤
	EVO(D)-PH + probe	A	E ➤
			F ➤
			G ➤

BREVA-V



VENTILATION UNIT with HEAT RECOVERY for RESIDENTIAL BUILDINGS



BREVA-V

Double flow residential ventilation unit with high efficiency heat recovery.

PERFORMANCE

Equipped with an aluminum counter-current heat exchanger. The backward curved electronic fans allow to reach a maximum flow rate of approximately: 149 m³ / h (BREVA-V 1) and 279 m³ / h (BREVA-V 2). The standard By-pass allows you to take advantage of favorable climatic conditions outside the building for automatic free cooling (or free heating).

STRUCTURE

BREVA-V is made with a PPE structure, a material that ensures a high degree of thermal insulation towards the outside and between the air flows. Access to the filters (ePM10 50% - G4) is particularly easy thanks to two special openings located on the inspection panel. BREVA-V is designed to be installed on the ceiling or floor inside buildings with ambient temperatures between 0 ° C and 45 ° C.

CONTROLS

For quick installation, BREVA-V is supplied complete with control system and connection to the electricity supply network; the version equipped with EVO-LIGHT control is available. The latter is designed for complete integration into home automation systems (Modbus protocol with Ethernet connection or, on request, with the addition of the RS485 connection). The new version of our control systems allows the transition from one control system to another extremely easily and quickly, even after installation, with only the replacement of the remote panel.

The EVO-LIGHT control has a backlit color touch screen interface, gives an intuitive view of the operating status of the machine, allows timely adjustment of the fan speed and has a weekly timer program for the automatic management of the fans. EVO-PH can be controlled by an external switch to activate the booster function; the latter can automatically regulate the air flow, if connected to an air quality probe, and can manage any air post-treatment accessories (duct); furthermore it automatically manages the by-pass and prevents frosting of the heat exchanger by managing the speed of the fans or, if installed, an electric pre-heating resistor (optional accessory inside the machine); signals to the user the need to replace the filters (the clogging status of the filters is monitored by an hour meter with factory calibration) or the onset of an anomaly, indicating its origin; manages anti-icing. With the addition of optional accessories (Kit COP or Kit CAV, installed in the duct) it is possible to manage the ventilation machine in constant pressure or constant flow mode.

The EVO-LIGHT BMS control has the same characteristics as the EVO-LIGHT version, with the addition of the Modbus communication protocol which allows full control of the machine by the home automation system supervision software. The implemented webserver allows you to interact with the machine also with an internet browser of a device connected, even remotely, to the home automation network in which the machine itself is inserted.

For a more complete view of the characteristics of the control systems, please refer to the respective manuals.



Scambiatore di calore controcorrente in alluminio prodotto da RECUTECH; RECUTECH partecipa al programma di certificazione Eurovent

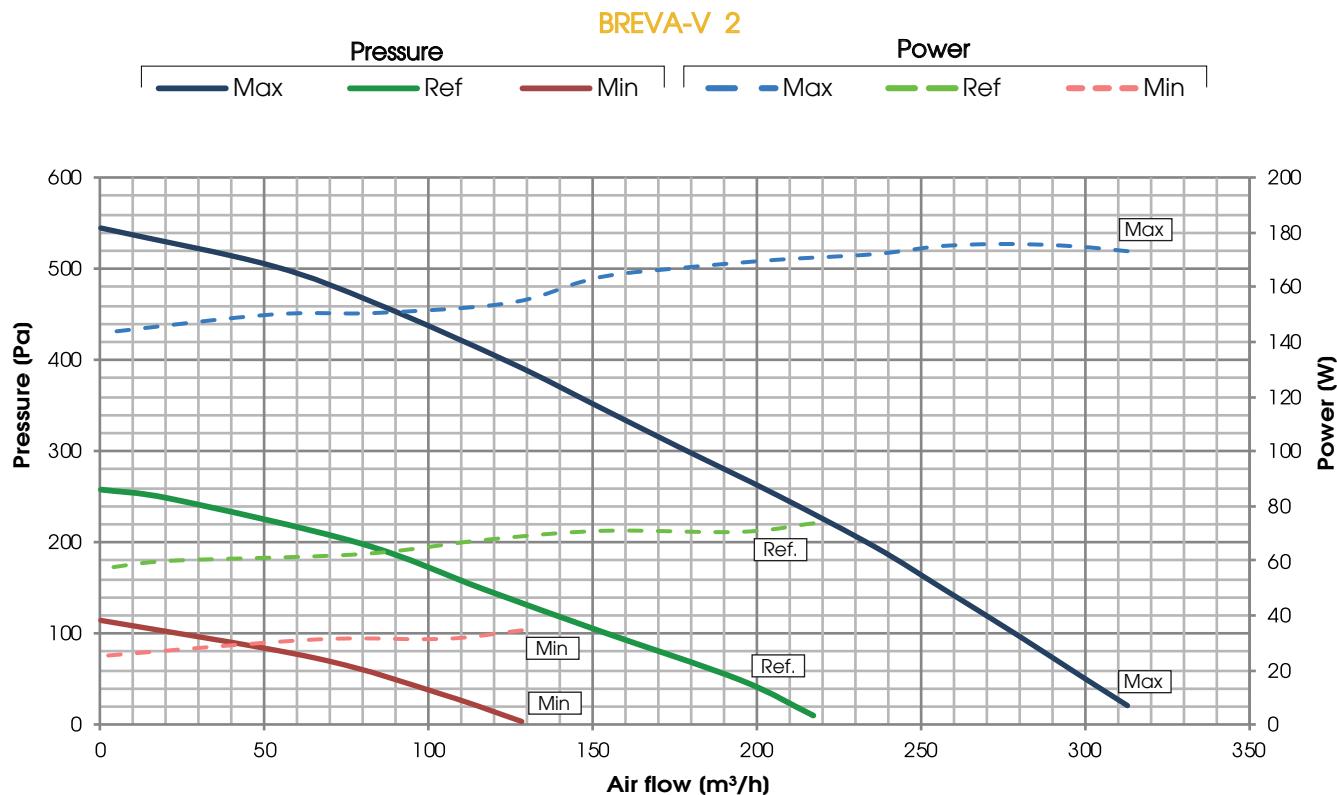
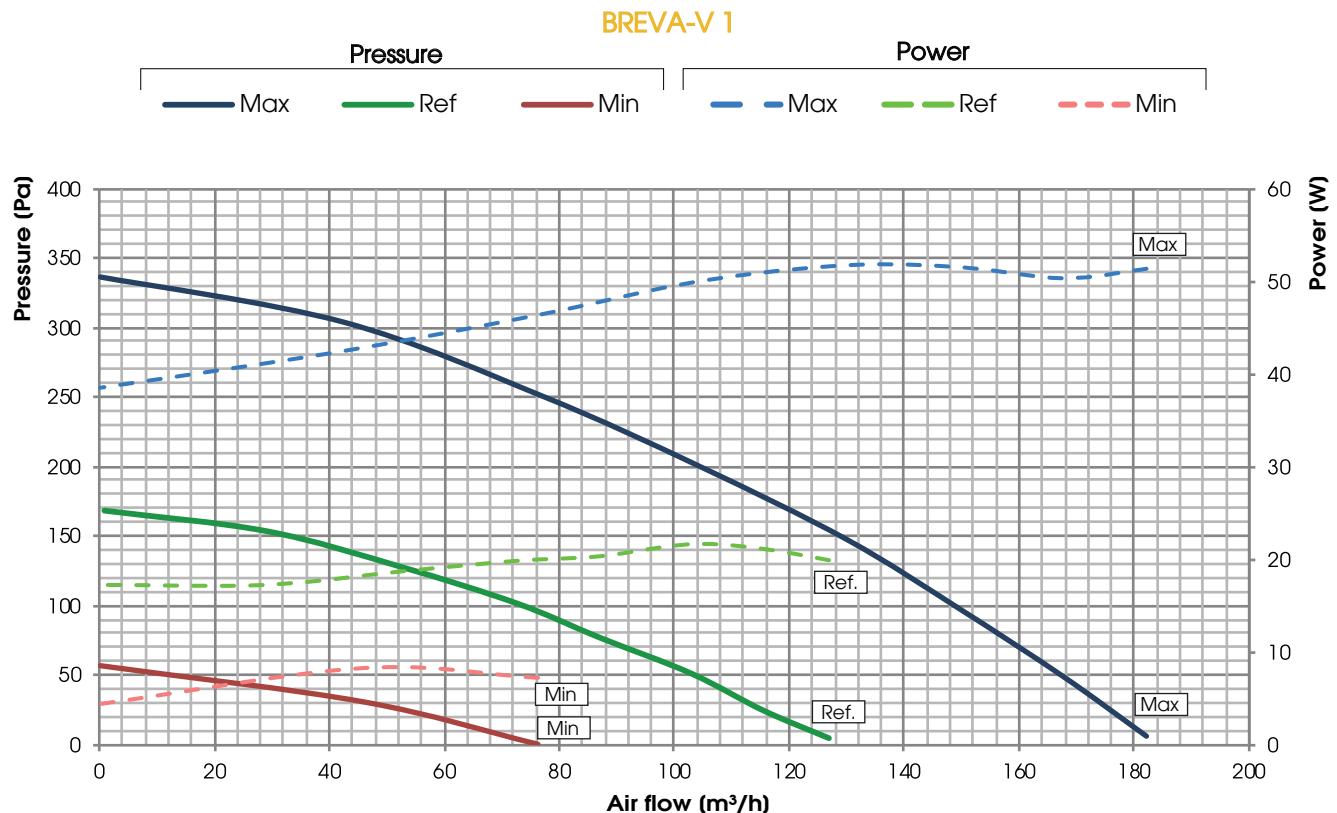
CONFIGURATION





PERFORMANCES (UNI EN 13141-7)

The unit must be ducted properly: UTEK authorizes the use only according to its performance diagram shown into this catalogue
The declared performances are with CLEAN filters and guaranteed ONLY with the original filters UTEK low pressure drop.

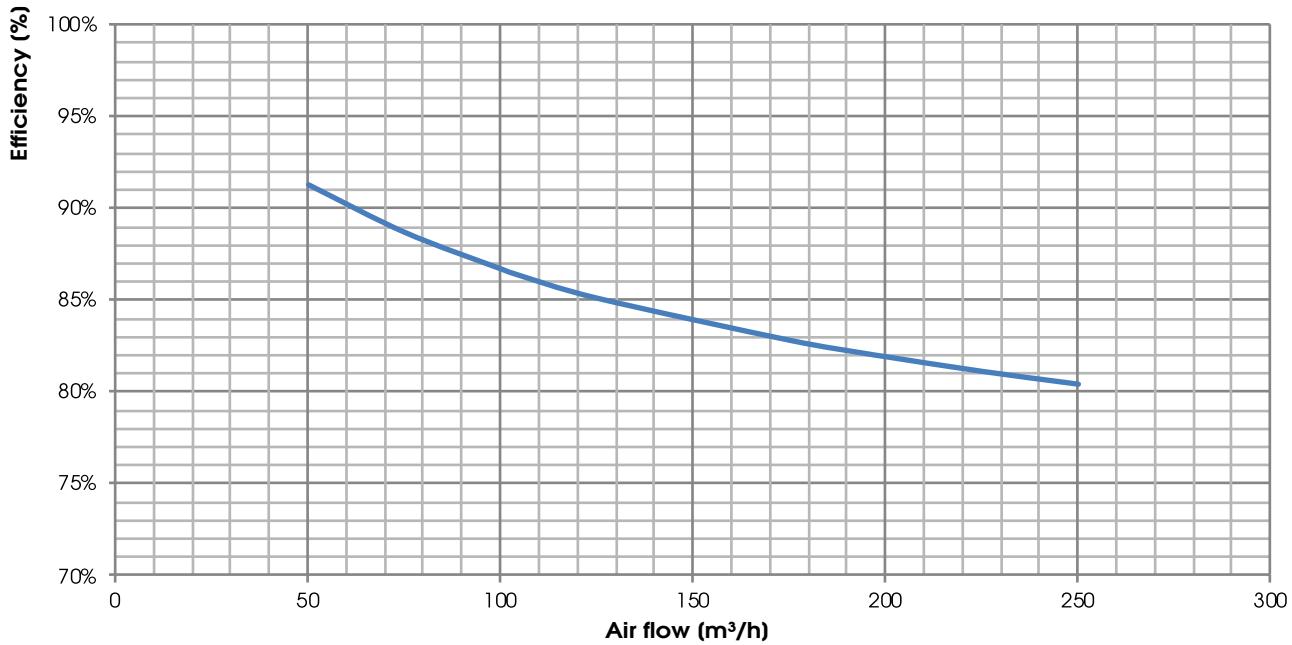




HEAT RECOVERY PERFORMANCE (sensible efficiency)

Values referred to the following conditions (UNI EN 13141-7): T_bs external air 7°C; U.R. esternal 72%; T_bs enviorment 20°C; U.R. enviorment 38%

BREVA-V 1 and 2



TEST LEAKAGE BREVA-V according UNI EN 13141-7

LEAKAGE	TEST CONDITIONS	BREVA-V 1 CLASS	BREVA-V 2 CLASS
OUTDOOR	Positive pressure 250 Pa	A3	A2
OUTDOOR	Negative pressure 250 Pa	A3	A3
INDOOR	Pressure difference 100 Pa	A3	A2

NOISE LEVEL

L_w Sound power level taken in accordance to UNI EN ISO 3747 CLASS 3

		NOISE FROM THE CASE (dB)							L _w dB(A)
Unit	BREVA-V 1	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
MAX		49,8	55,1	53,6	50,2	41,6	39,4	41,5	54,8
REF		45,7	52,7	44,7	46,4	36,6	33,6	39,7	50,0
		NOISE IN THE DUCTS (dB)							L _w dB(A)
Unit	BREVA-V 1	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
MAX		55,2	61,8	60,6	56,8	50,4	53,5	54,5	62,8
REF		48,3	58,9	53,1	49,2	41,9	42,7	41,6	55,4
		NOISE FROM THE CASE (dB)							L _w dB(A)
Unit	BREVA-V 2	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
MAX		54,6	63,2	61,9	58,1	47,2	44,7	46,7	62,6
REF		47,7	59,1	52,7	51,4	40,3	36,2	40,6	55,6
		NOISE IN THE DUCTS (dB)							L _w dB(A)
Unit	BREVA-V 2	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
MAX		56,7	64,5	66,6	63,5	58,2	53,8	57,2	68,1
REF		49,5	62,8	58,7	56,3	50,5	43,8	47,6	61,0



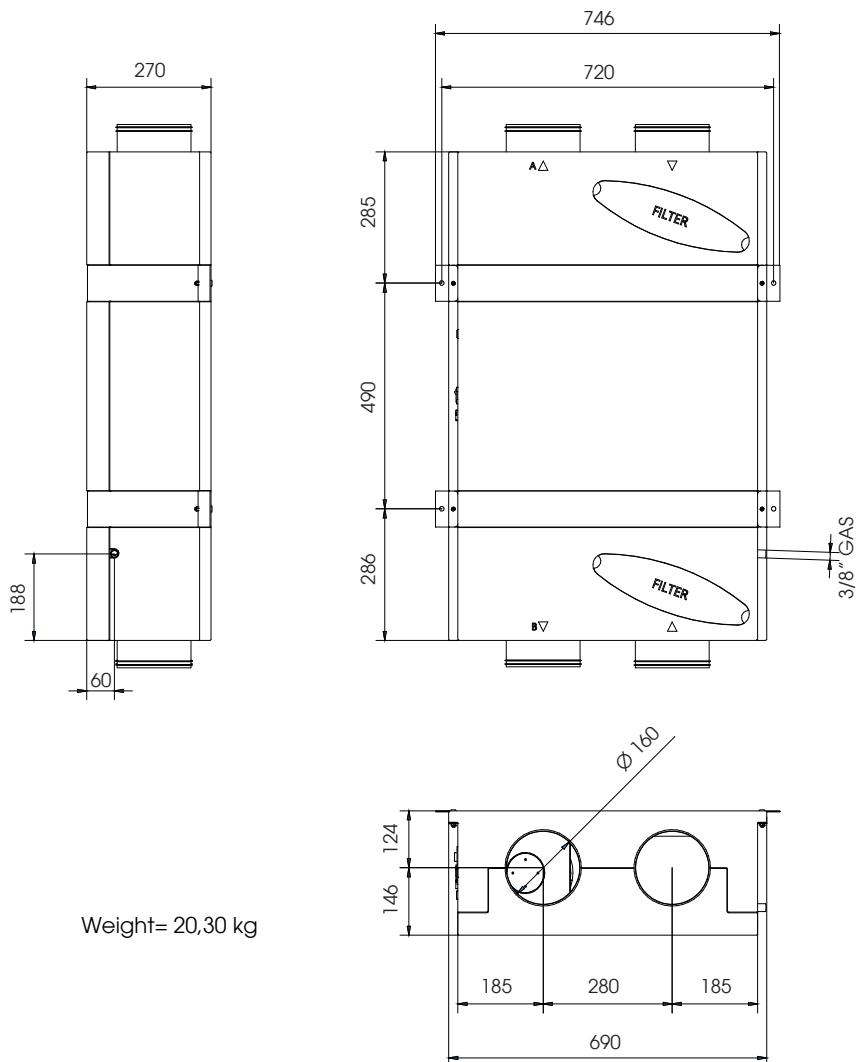
ELECTRICAL DATA

UNIT	FAN				UNIT BREVA-V	
	Power*(W)	Supply	Current max.(A)	Insulation class	Supply	Current max.(A)
BREVA-V 1	2 X 27	230 V, 50/60 Hz 1F	2 X 0,27	IP 44 class B	230 V, 50 Hz 1F	0,6
BREVA-V 2	2 X 85	230 V, 50/60 Hz 1F	2 X 0,75	IP 54 class B	230 V, 50 Hz 1F	1,6

(*) Fan data, it's referred to the global absorbed power graph of the machine in the working point

DIMENSIONS (mm) WEIGHT (kg)

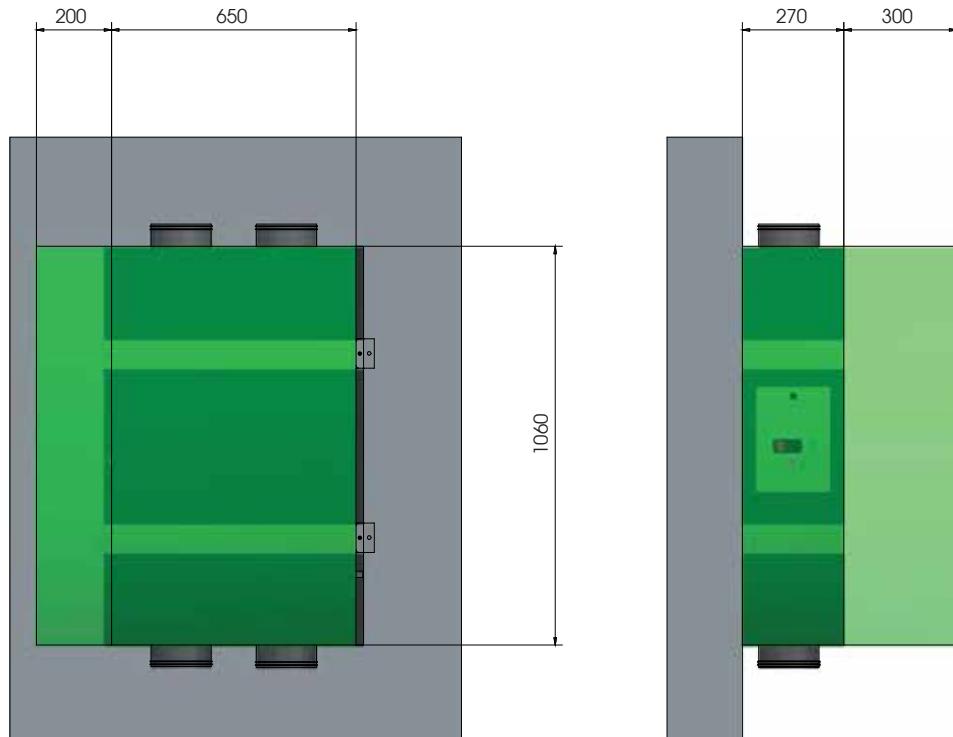
The case remains the same for both sizes





WALL INSTALLATION

Minimum required space for maintenance (mm)



CLA & UTEK si riserva di apportare in qualsiasi momento le modifiche necessarie per migliorare i prodotti, senza obbligo di preavviso.

Gentile Cliente

Grazie per l'attenzione al prodotto UTEK, progettato e realizzato per garantire all'Utilizzatore valori reali:
Qualità, Sicurezza e Risparmio sui consumi.



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ISO 14001



il Concessionario
BREVA-V_2021_0_IT



UNITÀ DI VENTILAZIONE con RECUPERO DI CALORE per EDIFICI RESIDENZIALI