

aerauliqa Quantum NEXT Alternating Flow Decentralized VMC **Unit Instruction Manual**

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aerauliga Quantum NEXT Alternating Flow Decentralized VMC Unit



Product Usage Instructions

Introduction

Read this manual carefully before using the product and keep it in a safe place for reference. This product was constructed up to standard and in compliance with regulations relating to electrical equipment and must be installed by technically qualified personnel. The manufacturer assumes no responsibility for damage to persons or property resulting from failure to observe the regulations contained in this booklet.

Precautions for Installation, Use, and Maintenance

- 1. Before installing or using the Quantum NEXT, ensure that the power is turned off.
- 2. Follow the regulations and guidelines provided in this manual for installation, use, and maintenance.
- 3. Regularly perform maintenance operations as specified in the manual.

Functionality the manual

- The Quantum NEXT is equipped with a remote control for operation.
- The remote control features various icons for different functions such as airflow direction, speed, filter reset, and mode selection.

Remote Control Icons

- · Directional Flow Icon
- Speed Icon
- Filter Reset Icon
- Mode Icon
- ON/OFF Button

Function Description

- The remote control allows you to adjust the airflow direction, select different modes, and control the speed of the Quantum NEXT.
- The Quantum NEXT comes in two models: Quantum NEXT100 and Quantum NEXT150. Each model has different airflow capacities.

LED Indicator

The LED indicator shows different colors to indicate the status of the Quantum NEXT.

- Green LED: Indicates normal operation.
- Red LED: Indicates an anomaly or error.
- Blue LED: Indicates a specific function or mode.

Audio Signal

- The Quantum NEXT emits audio signals for various functions and notifications.
- Short Audio Signal: Indicates a normal operation or function.
- Long Audio Signal: Indicates an anomaly or error.

Resolution of Anomalies

- If there are no icons displayed on the LCD of the remote control, check if the batteries are low, absent, or not inserted correctly. Replace or insert the batteries correctly.
- If the LCD icon is flashing, check if the batteries are low. Replace the batteries.
- If the yellow LED is on, perform maintenance or replace the filters and reset the filter. If the red LED is on, wait for the defrosting phase to finish or disable the function by pressing the corresponding button.
- To disable the audio signal, press and hold the button for 7 seconds until a green LED appears.

Read this manual carefully before using the product and keep it in a safe place for reference. This product was constructed up to standard and in compliance with regulations relating to electrical equipment and must be installed by technically qualified personnel. The manufacturer assumes no responsibility for damage to persons or property resulting from failure to observe the regulations contained in this booklet.

PRECAUTIONS FOR INSTALLATION, USE AND MAINTENANCE

- The device should not be used for applications other than those specified in this manual.
- After removing the product from its packaging, verify its condition. In case of doubt, contact a qualified technician. Do not leave packaging within the reach of small children or people with disabilities.
- Do not touch the appliance with wet or damp hands/feet.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

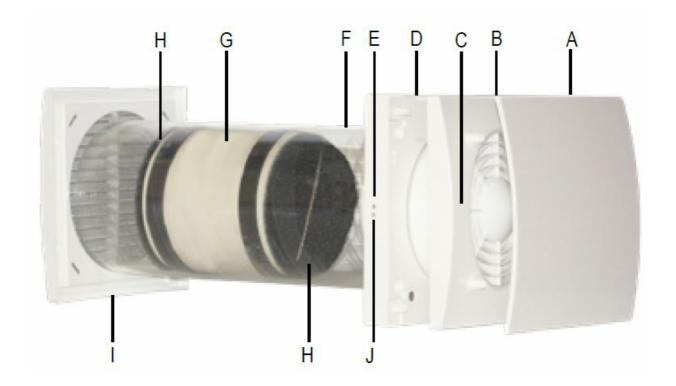
- Do not use the product in the presence of inflammable vapours, such as alcohol, insecticides, gasoline, etc.
- If any abnormalities in operation are detected, disconnect the device from the mains supply and contact a qualified technician immediately. Use original spare parts only for repairs.
- The electrical system to which the device is connected must comply with regulations.
- Before connecting the product to the power supply or the power outlet, ensure that:
 - the data plate (voltage and frequency) correspond to those of the electrical mains
 - the electrical power supply/socket is adequate for maximum device power. If not, contact a qualified technician.
- The device should not be used as an activator for water heaters, stoves, etc., nor should it discharge into hot air/fume vent ducts deriving from any type of combustion unit. It must expel air outside via its own special duct.
- Operating temperature: -20°C up to +50°C.
- The device is designed to extract clean air only, i.e. without grease, soot, chemical or corrosive agents, or flammable or explosive mixtures.
- Do not leave the device exposed to atmospheric agents (rain, sun, snow, etc.).
- Do not immerse the device or its parts in water or other liquids.
- Turn off the main switch whenever a malfunction is detected or when cleaning.
- For installation an omnipolar switch should be incorporated in the fixed wiring, in accordance with the wiring regulations, to provide a full disconnection under overvoltage category III conditions (contact opening distance equal to or greater than 3mm).
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not obstruct the fan or exhaust grille to ensure optimum air passage.
- Ensure adequate air return/discharge into/from the room in compliance with existing regulations in order to ensure proper device operation.
- If the environment in which the product is installed also houses a fuel-operating device (water heater, methane stove etc., that is not a "sealed chamber" type), it is essential to ensure adequate air intake, to ensure good combustion and proper equipment operation.
- Install the product so that the impeller is not accessible from the air outlet side as verified by contact with the Test Finger (test probe "B" of the norm EN61032) in compliance with the current safety regulations.

INTRODUCTION

Quantum NEXT is a single alternate flow decentralized (single point) residential heat recovery unit, also called "push&pull" unit, designed to ensure adequate ventilation in enclosed environments without energy losses. It is recommended that two units are installed in a pair: when one unit is pulling, the other is pushing. The pair of units can be installed in the same room or in different rooms (i.e. living-room and bedroom). The unit is suitable for installation on an outside wall.

The unit should operate continuously, and only stopped for maintenance or service. When heat exchange is not useful (for example in mid-seasons when indoor and outdoor temperatures are similar), or when heat exchange is not recommended (for example with the option "summer free cooling"), it is recommended to set the unit in "extract-only" or "intake-only" mode and NOT to switch it off.

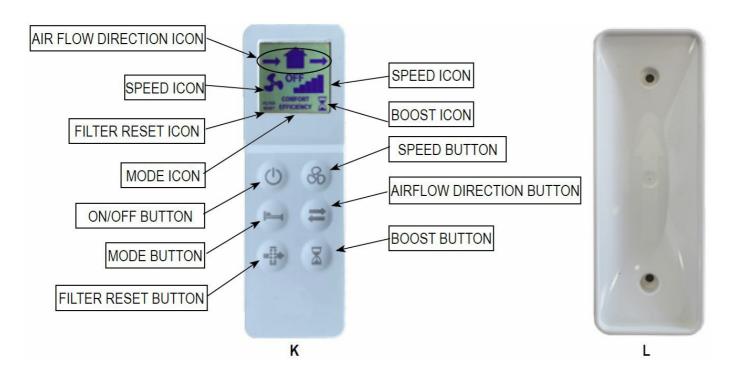
TECHNICAL SPECIFICATIONS



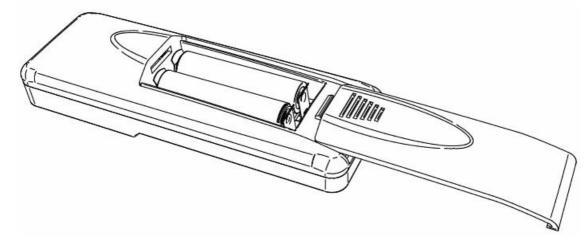
- Design front cover (A) removable for cleaning without the use of tools.
- Inner ventilation unit (B) and wall support base (D) made of high quality, impact and UV-resistant ABS, colour RAL 9010.
- Integrated multi-colour led (C) to obtain a visual feedback of the unit status.
- Smart humidity control.
- Integral temperature sensor for the automatic management of the inversion time (comfort mode).
- Automatic anti-frost protection to prevent frost building up on the heat exchanger.
- Wall support base (D) provided with a magnet "coupling/uncoupling" system which allows the ventilation unit to be removed from its base during maintenance.
- Back-up touch button (J) at the side of the ventilation unit.
- Unique design winglet-type impeller, providing enhanced aerodynamic properties, low noise and increased efficiency.
- High efficient reversible EC motor with integral thermal protection, mounted on sealed for life high quality ball bearings. Designed for continuous reversible running.
- Telescopic pipe (F) adaptable to the wall thickness.
- Antimortar cap designed to be used also as template during the installation of the wall support base.
- Regenerative heat exchanger with ceramic core (G) with high thermal efficiency, equipped with washable antidust filters (H).
- External grille (I) made of high quality, impact and UV-resistant ABS, colour RAL 9010, with anti-insect net and water drip guard.
- Infra-red remote controller with touch technology, LCD display and wall base supplied as standard. Made from ABS, RAL 9010.
- The unit is double insulated: no earth connection is required.
- No need of condensation drainage system.
- IPX4 degree of protection.
- Power supply 220-240V~ 50Hz.

OPERATION

REMOTE CONTROLLER



- The unit is supplied with an infrared remote controller (K) as standard, as well as its support base (L) which can be wall mounted. A magnet keeps the controller attached to the base.
- The controller is equipped with an LCD display to visualise the setting to be transferred to the unit; anytime a touch button is pressed, the setting shown on the LCD display is transferred to the unit. The IR receiver is placed on the left side of the ventilation unit (E): it is recommended to point the controller towards the receiver when any setting needs to be transferred.



- · One remote controller can control more units.
- To activate the remote controller it is necessary to insert two AAA type batteries (not supplied).

VENTILATION UNIT

- · When switched on the unit emits a long acoustic signal.
- Through the IR controller the following functionalities can be activated/deactivated. When one setting is transferred to the unit, a short acoustic signal is emitted and a green led flashes.

FUNCTIONS DESCRIPTION

FUNCTI ONALIT Y	DESCRIPTION		CONTRO LLER BU TTON	ICON	LED	ACOU STIC SIGN AL
Airflow dire	ection		I	I		
Alternate		take at the selected speed: matically defined thanks to the ensor (comfort mode).		→ 着 →	green	short
Extract	The unit runs in extract or	nly at the selected speed.		▆→	green	short
Intake	The unit runs in intake onl	y at the selected speed.		→ 1	green	short
Mode (acti	ive only if the airflow direction	on is set on alternate)	I	I		
Comfort	Optimisation of the acoust e inversion time varies auronds, thanks to the intege first time cycle is of 70 smatically according to the ditions.		→ 1 → comfort	green	short	
Efficiency	Optimisation of the thermatime is fixed at about 70 seconds.	•	→ ♣ → EFFICIENCY	green	short	
Continuou	s running speed					
	Quantum NEXT100	Quantum NEXT150				
Speed 1	ed 1 10m3/h 20m3/h		%	5	green	short
Speed 2	14m3/h	30m3/h	%	\$. _	green	short
Speed 3	peed 3 17m3/h 40m3/h		%	5. 4	green	short

Speed 4	21m3/h	50m3/h	%	5 , 4	green	short
Speed 5	25m3/h	60m3/h	%	\$	green	short
ON/OFF			<u> </u>		I	
				OFF	red	long
	Unit can be switched on o	r off	0	LCD ON	green	short
BOOST sp	peed					
	The unit runs at speed 5 (in extract only; then it returned mode/speed. The BOC ated if the controller is OF	$\overline{\mathbf{x}}$	Ξ	fixed blu	short	
Free coolin	ng		l	<u>I</u>		
	The unit runs in "extract or d heat recovery when not needed.	nly" or "intake only" to avoi			green	short
Filter reset			<u> </u>	1		
	ed light) to indicate that the	varning led switches on (fix e filters have to be maintai outton for 5 seconds to res		FILTER RE SET	yellow	short
Smart hum	nidity control					

	When the humidity sensor detects a quick variation of the Relative Humidity level, the running speed auto matically increases to the next higher speed. After 10 minutes from the last quick RH variation, the unit returns running at the selected speed. The smart humidity control is active if the airflow direction is set on alternate or extract only: if speed 5 has been selected, no speed increase happens. To disable this functionality, press the button for 5 seconds: on the top side of the LCD display the symbol is shown.			flashing	
Antifrost					
	This functionality prevents frost building up on the he at exchanger due to extremely cold air. When it is ac tivated, the unit runs in extract only at speed 1, for 3 0 minutes.			fixed re	
Acoustic s	ignal	ı	I		1
	Any time a setting is transferred from the controller to the unit, a short acoustic signal is emitted. This can be deactivated by pressing the button for 7 seconds, after when a green led flashes to indicate that the acoustic signal is off. To reactivate the acoustic signal repeat the same operation for 7 seconds until the led becomes green and an acoustic signal is emitted.			green	short

BACK UP BUTTON

In case the remote controller gets lost or the batteries are dead, ON and OFF position can be selected from the on board touch button (J), pressing the button for at least 3 seconds.

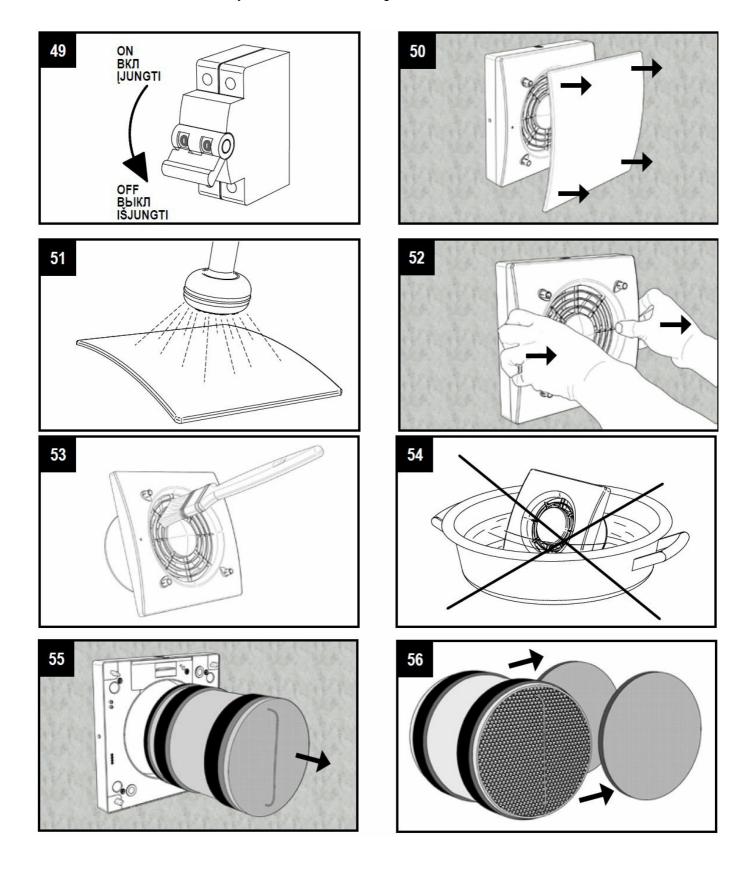
	LED COLOUR	ACOUSTIC SIGNAL
ON	green	short
OFF	red	long

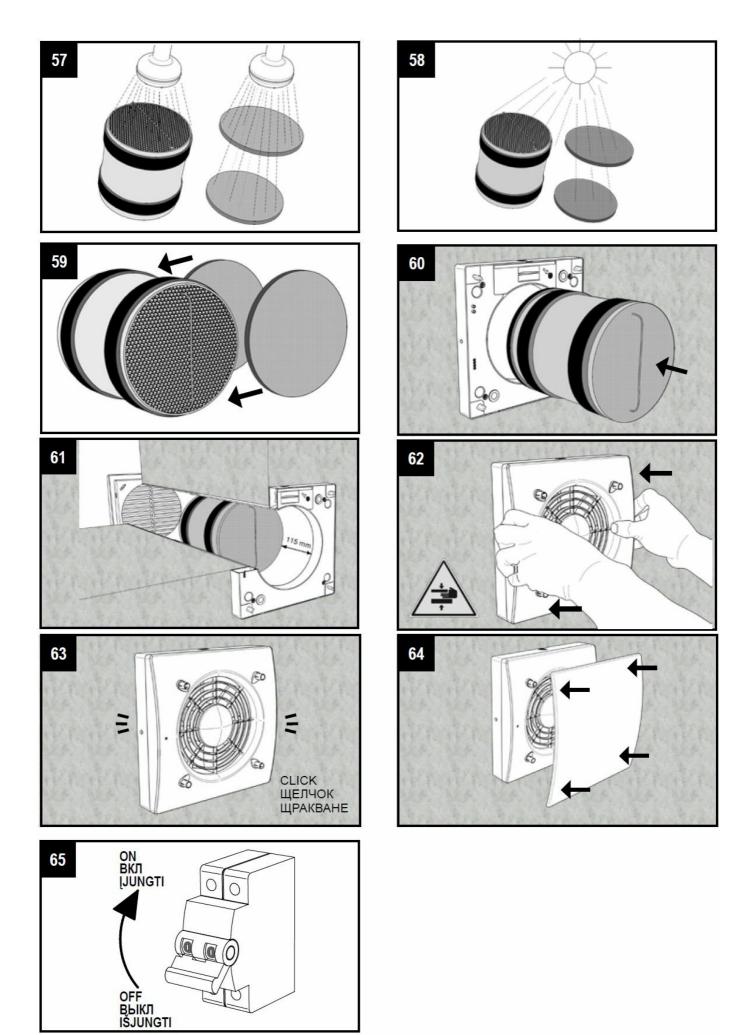
SYNCHRONISATION OF A NUMBER OF UNITS

It is possible to synchronized up to 10 units contemporaneously, through wire (2 pole twisted pair type, max 30m length) so to have mode and inversion time synchronized. When the unit is switched on for the first time, the rotation direction of each unit (clockwise or anti-clockwise) is automatically established. Other functionalities like speed, smart humidity control and boost, continue to be controlled independently on each single unit. Wiring diagram as per fig. 16B.

MAINTENANCE AND TROUBLESHOOTING

MAINTENANCE

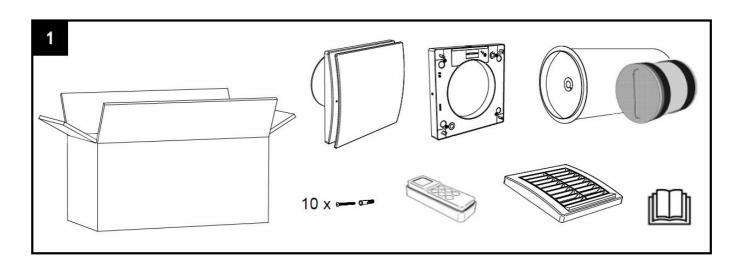




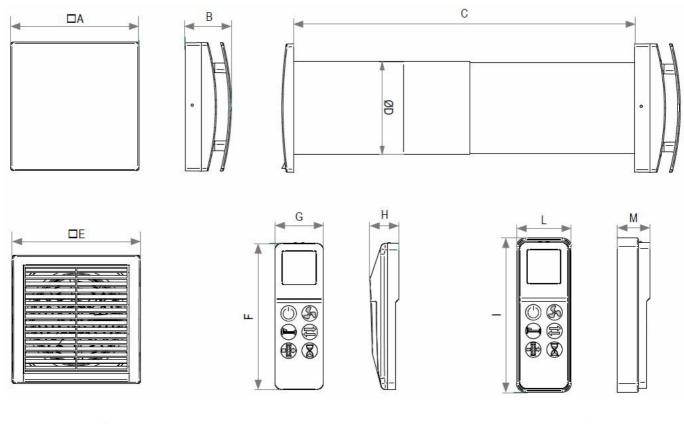
	FILTER CLEAN ING	FILTER REPLAC EMENT	HEAT EXCHANGER CLEANING
DATE			

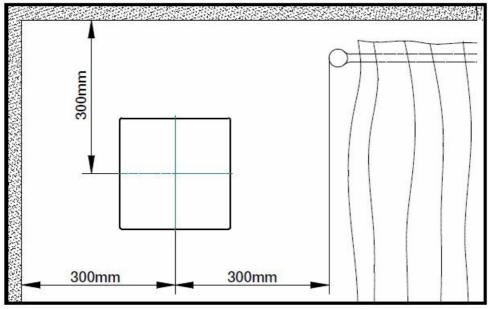
TROUBLE SHOOTING

ANOMALY	POSSIBLE CAUSE	SOLUTION	
	Batteries are dead	Change the batteries	
No icon shown on the controller LCD display	Batteries are not present	Check that batteries are in there	
	Batteries are wrongly positioned	Position the batteries correctly	
The icon▲ flashes on the LCD display	Low batteries	Change the batteries	
The unit does not execute the command sent from the remote control	Lack of communication between the un it and the remote controller	Go closer to the unit, pointing the contro ller to the receiver on the left side of the unit	
The unit does not operate	There is no voltage	Check that the unit is correctly wired to t he main supply	
The unit does not operate	Ventilation unit does not couple correctly with the support base	Check that the coupling is properly done	
The unit operates at the m aximum speed	The Boost functionality is activated, on the display the icon is shown	Wait until the boost timing ends (15 min utes) or deactivate the boost function pr essing the button.	
Unit speed suddenly increa ses	The smart humidity control is activated	Wait until the smart humidity control pha se ends (10 minutes) or deactivate the humidity control function pressing the button for 5 seconds.	
Fixed yellow led	Dirty fiters	Filters maintenance/replacement is nee ded: reset filter operation has to be don e	
Fixed red led	Antifrost protection is activated	Wait until the antifrost phase ends (30 minutes)	
Fixed blue led	Boost is activated	Wait until the boost timing ends (15 min utes) or deactivate the boost function pressing the button.	
Flashing blue led	Smart humidity control is activated	Wait unitl the humidity control phase en ds (10 minutes)	
Fixed purple led	Ventilation unit does not couple correctly with the support base	Check that the coupling is properly done	
Acoustic signal to disable	_	Press the button for 7 seconds: a gr een led flashes.	



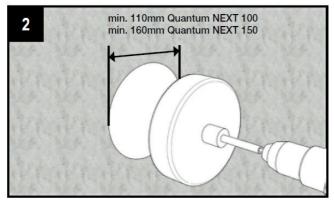
DIMENSIONS

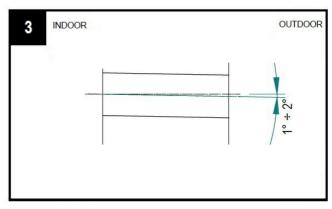


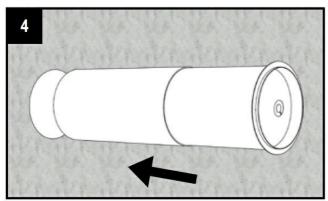


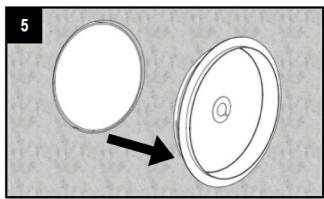
	" A	В	С	ØD	"E	F	G	н	ı	L	М
Quantum NEXT 100	218	77,5	300÷570	110	164	117,5	39	23	124	44	26,5
Quantum NEXT 150	218	77,5	300÷570	159	218	117,5	39	23	124	44	26,5

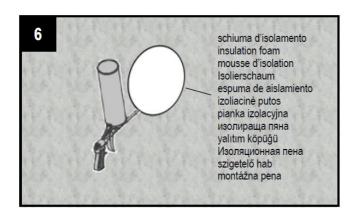
INSTALLATION INSTRUCTIONS

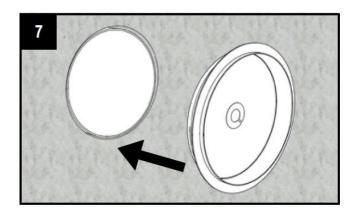






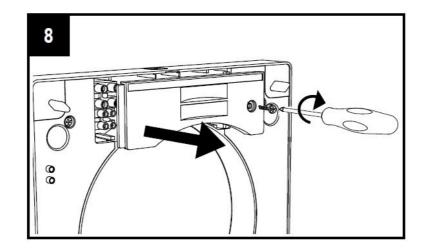


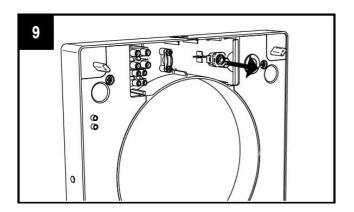


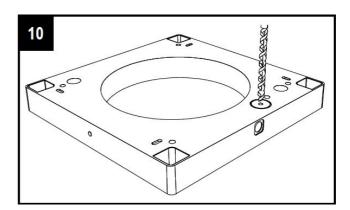


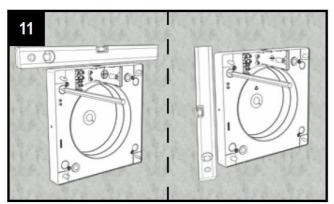
• RECESSED CABLE ENTRY: H03VV-F; H05VV-F

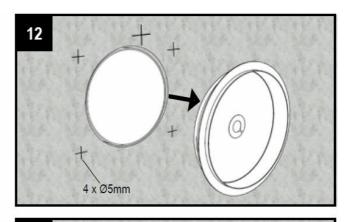
2 X 0,5 ÷ 1,5 mm2

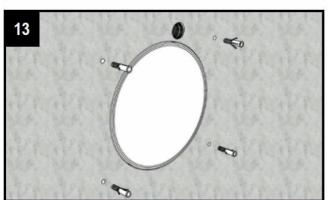


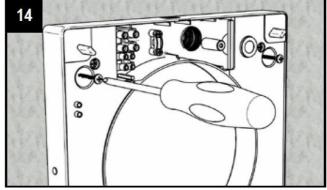


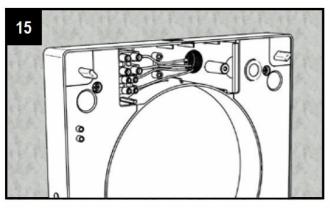


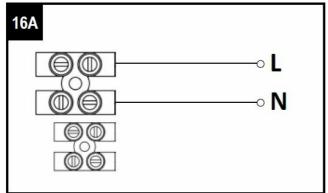


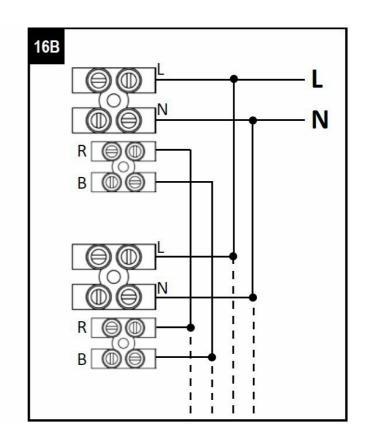


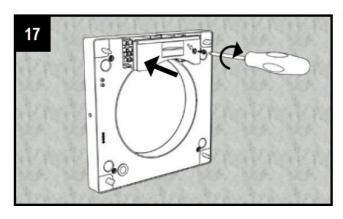


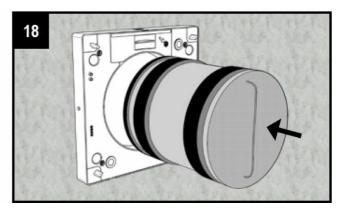


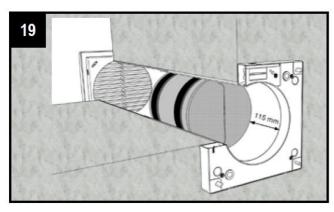


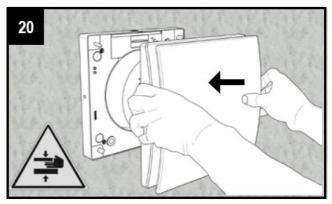


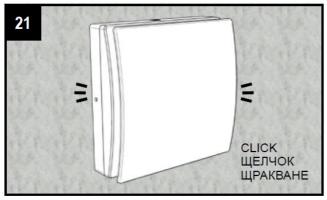


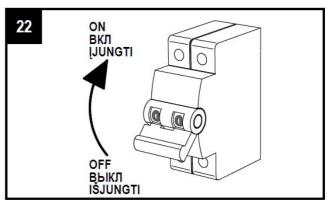






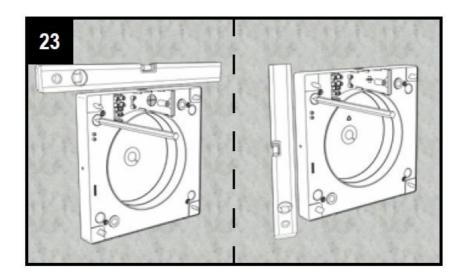


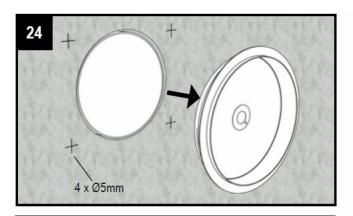


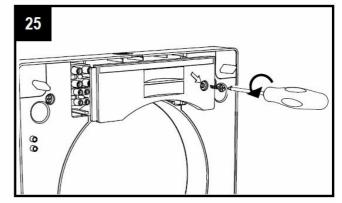


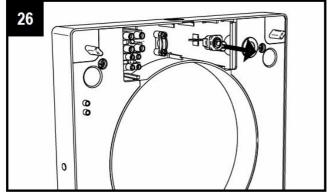
- SURFACE CABLE (for one unit wiring): H03VV-F; H05VV-F

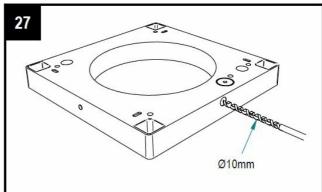
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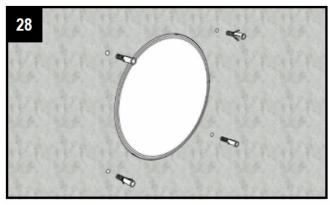


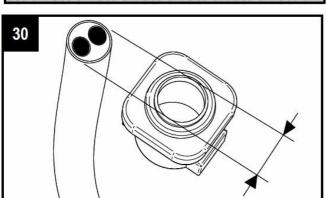


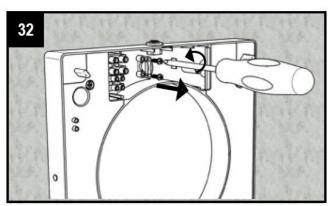


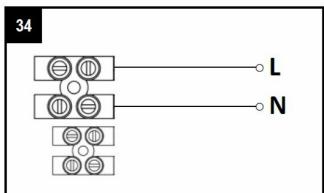


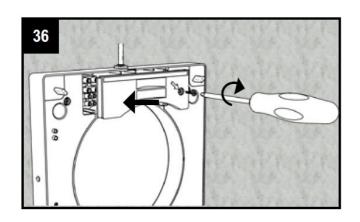


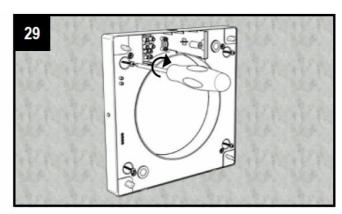


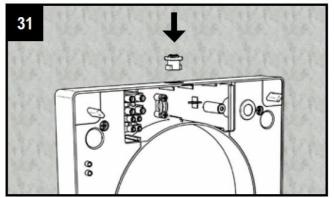


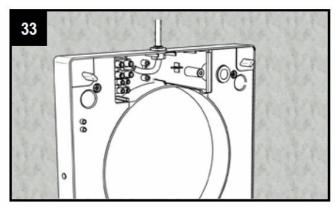


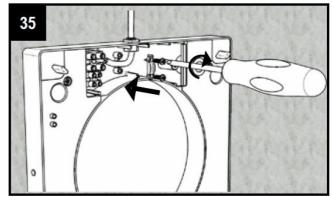


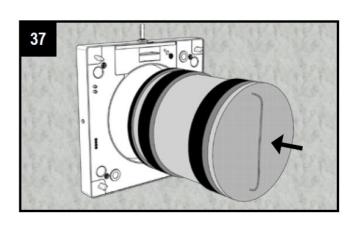


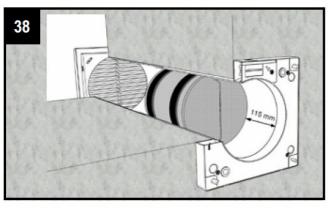


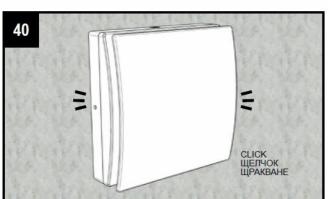


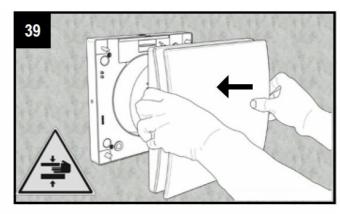


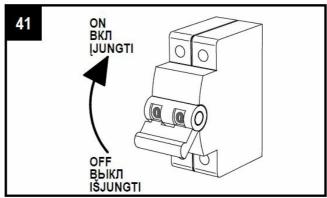




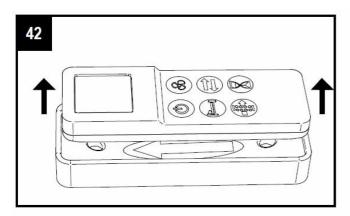


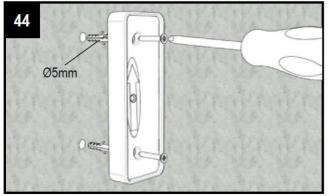


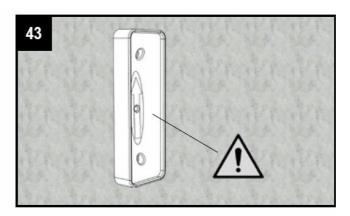


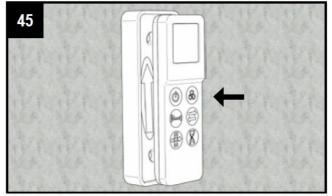


REMOTE CONTROLLER WALL MOUNTING

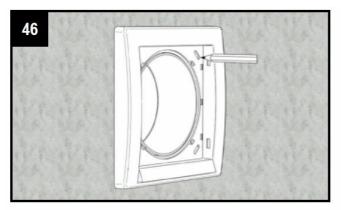


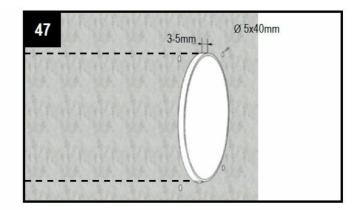


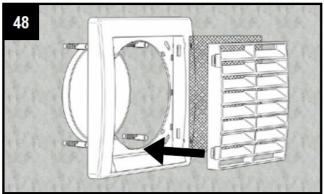




EXTERNAL GRILLE







DISPOSAL AND RECYCLING

Information on disposal of units at the end of life. This product complies with EU Directive 2002/96/EC.

The symbol of the crossed-out dustbin indicates that this product must be collected separately from other waste at the end of its life. The usermust, therefore, dispose of the product in question at suitable electronic and electrotechnical waste disposal collection centres, or else send the product back to the retailer when purchasing a new, equivalent type device.

Separate collection of decommissioned equipment for recycling, treatment and environmentally compatible disposal helps to prevent negative effects on the environment and on health and promotes the recycling of the materials that make up the equipment. Improper disposal of the product by the user may result in administrative sanctions as provided by law.

More Information

ErP Directive - Regulations 1253/2014 - 1254/2014

a)	Marchio - Mark - Marque - Bezeichnung - Marca - Marké - Znak towarowy - Mapxa - Marka - Gyártmány - Značka			AFRAULIQA	
b)	Modello - Model - Modele - Modele - Modelo - Models - Mogens	-		Quantum NEXT 100	Quantum NEXT 150
c)	Classe SEC - SEC class - classe de SEC - SEC-Klasse - Clase SEC - SEC klasé - Klasy SEC - Knac SEC - Smrth SEC - дельный расход электроэнергии SEC (класс) - SEC osztály - Trieda SEC	-		A	200,000,000
c1)	SEC climi caldi - SEC warm climates - SEC climat chaud - SEC warmes Klima - SEC climas cálidos - SEC šilumos klimatas - SEC cieply klimat - SEC тотъп климат - SEC sicak iklimfer - Удельный расход электроэнергии SEC-теплый период - SEC meleg klima környezet - SEC teplé podnebie	kWh/m2.a kBt/m2.a		-17	-18,1
	SEC climi temperati - SEC average climates - SEC climat moyen - SEC durchschnittliche Klimate - SEC climas templados - SEC vidutinis klimatas - SEC umiarkowany	kWh/m2.a	2	10.0	
c2)	klimat - SEC умерен климат - SEC iliman iklimler - Удельный расход электроэнергии SEC -переходный период - SEC átlagos klima környezet - SEC mieme podnebie	кВт/м2.а		-40,6	41,6
c3)	SEC climi freddi - SEC cold climates - SEC climat froid - SEC kaltes Klima - Sec Climas frios - SEC šaltas klimatas - SEC chlodry klimat - SEC студен климат - SEC soğuk iklimler - Удельный расход электроэнергии SEC - холодный период - SEC hideg klima környezet - SEC studené podnebie	kWh/m2.a kBt/m2.a		-81,8	-82,8
	Etichetta energetica - Energy label - étiquette énergétique - Energielabel - Etiqueta energética - Energijos etiketé - Etykiera energetyczna - Енергиен етикет - Energi etiketi - Маркировка энергоэффективности - Energiacimike - Туроlógia jednotky	-		Si; Yes; Ja; Tak; Ex	еt, Да
d)	Tipologia unită - Unit typology - Typologie - Gerätetypologie - Tipo de unidad - Prietaiso tipologija - Тур jednostki - Вид единица - Ünite türü - Тип вентипационной установки - Készülék tipusa - Typológia jednotky			Residenziale - bidirezionale; Residential - bidirectional; Résidentiel - double fluo pusis; Mieszkalny - dwukierunkowy; Жилищен - двупосочен; Konut amaçlı - çif	
e)	Tipo azionamento - Type of drive - Type de motorisation - Art der des Motors - Tipo de accionamiento - Pavaros tipas - Rodzaj пареди - Тип задвижване - Çalıştırma			Azionamento a velocità multiple; Multi-speed drive; Focntionnement à plusieurs v tiple; Keliu greičių pavara; Naped wielobiegowy; Задвижване с много скорости;	itesses: Mehrgeschwindigkeitsantrieb: Accionamiento con velocidad
e)	tūrū - Тип вентилятора - Hajtās tīpusa - Тур pohonu		mun	upie, келіц greicių pavara, ivadęta wielosnegowy, зацвияване с много скорости, Viacrýchlostný pr	
n	Sistema di recupero çalore - Type of Heat Recovery System - Type de système de récupération de chaleur - Art des Wärmerückgewinnungssystems - Sistema de recuperación calor - Silumos rekuperacijos sistemos tipas - Rodzaj ukladu odzysku ciepla - Система за възстановяване на топлината - Isi geri kazanim sistemi	-	A re	cupero; Heat recovery; Récupération; Wärmerückgewinnung; A recuperación; Керамический; Hővisszanyerős	silumos atgavimas; Odzysk ciepła; С възстановяване; Geri kazanımlı; Rekuperacia fepla
	- Turi penyneparopa - Hővisszanyerő rendszer típusa - Typ systémiu rekuperácie tepla Efficienza termica - Thermal efficiency of heat recovery - Rendement thermique - Thermische Effizienz der Wärmerückgewinnung - Eficiencia térmica - Šilumos			999	,
g)	rekuperacijos terminis efektyvumas - Sprawność cieplna odzysku ciepla - Термична ефективност - Isıl verimlilik - Термоэффективность рекуператора - Hővisszanyerés terikus hatásfoka - Тереlná účinnosť výmenníka tepla	%		74	
h)	Portata massima - Maximum flow rate - Débit maximal - Maximale Durchflussrate - Caudal máximo - Maksimali ого tékmé - Maksymalna wartość natężenia przepływu - Максимален капацитет - Azami debi - Максимальный расход воздуха - Maximális légszállítási teljecítmény - Maximálny prietok	m3/h m3/час		25	60
- 4	Potenza elettrica (alla portata massima) - Electric power input at maximum flow rate - Puissance électrique absorbée au débit maximal - Elektrische Leistungsaufnahme bei	w			1.000
1)	maximater Durchfusszele - Potencia eléctrica (one el máximo caudal) - Elektros capasados esant maksimaliai ono tékmei - Potor mory przy maksymainym natężeniu przepływu - Enerspwiecka мощност (при максимален капацитет) - Elektrik gücü (azami debide) - Потребляемая мощность, макс - Aramfelvétel maximális égszállitási teljestiményen - Elektrický prikon pri maximálnom prietoku	Вт		3,5	6
	Livello potenza sonora (L _{wa}) - Sound power level (L _{wa}) - Niveau de puissance acoustique (L _{wa}) - Schallleistungspegel (L _{wa}) - Nivel de potencia sonora (L _{wa}) - Garso	dBA		39	40
I)	galingumo lygis (L _m) - Poziom mocy akustycznej (L _m) - Ниво на звукова мощност (L _m) - Ses basıncı seviyesi (L _m) - Уровень звуковой мощности (L _m) - Zajszint (L _m) - Hladina akustického výkonu (L _m)	Д6		35	40
k)	Portata di riferimento - Reference flow rate - Débit de référence - Referenzflussrate - Caudal de referencia - Nominali išeiga - Wartość odniesienia natężenia ргzерђуми - Референтен капацитет - Referans debi - Номинальный расход - Névleges légszállítási teljesítmény - Referenčný prietok	m3/h m3/час		18	41
I)	Differenza di pressione di riferimento - Reference pressure difference - Difference de pression de reférence - Referenzaruckaliferenz - Diferencia de presión de referencia - Nominalius slégis - Wartość odniesienia różnicy ciśnienia - Разлика в референтното налягане - Referans basınç	Ра Па		10	10
3.5877	Névleges nyomáskülönbség - Referenčný tlakový rozdiel Potenza assorbita specifica (SPI) - Specific power input (SPI) - Puissance absorbée spécifique (SPI) - Spezifische Leistungsaufnahme (SPI) - Potencia absorbida	337			
m)	especifica (SPI) - Alstiroji sunaukojamoji galia (SPI) - Jednostkowy pobor mocy (JPM) - Специфична консумирана мощност (SPI) - Spesifik emilen güç (SPI) - Удельная потребляемая мощность (SPI) - Fajlagos teljesitményfelvétel (SPI) - Specifický príkon (SPI)	W/m3/h Bt/m3/час		0,139	0,080
n1)	- Fattore di control la Actor - Facteur de régulation - Steuerungsfaktor - Factor de control - Kontrolés faktorius - Czynnik rodzaju sterowania - Koeфициент на контрол - Kontrol faktori - Ovarrop уграваления - Vezérlési tienyező - Kontrolníy faktor	-		0,65	0,65
	Tipologia di controllo - Control typology - Typologie de régulation - Kontrolitypologie - Tipo de control - Kontrolès tipologija - Typ sterowania - Вид контрол - Kontrol		C	Controllo ambientale locale; Local demand control; Régulation modulée locale; L	okale Bedarfskontrolle; Control ambiental del local; Vietinė kontrolė;
n2)	tůrů - Тип управления - Vezěrlés tĺpusa - Typ riadenia			Sterowanie lokalne; Контрол на околната среда в помещението; Yerel mekar riadenie výkor	
01)	Trafilamento interno massimo - Maximum internal leakage rate - Taux de fuites internes maximaux - Maximale interne Leokrate - Máxima fitración interna - Maksimalius vidinio nutekéjimo procentas - Współczynnik maksymalnych wewnętrznych przecieków powietrza - Максимално вътрешно преминаване - Dahlii	%		N/A	
	azamı taşma - Максимальной процент внутренней утечки - Maximális külső szivárgási vesztéség - Maximálna miera vnútomej netesnosti Trafilamento esterno massimo - Maximum external leakage rate - Taux de fultes externes maximaux - Maximale externe Leckrate - Máxima filtración externa -			Не се прилаг	×.
02)	Maksimalus išorinio nulekėjimo procentas - Współczynnik maksymalnych zewnętrznych przecieków powietza - Максимално външно преминаване - Hanci azami taşma - Максимальной процент внешней утечки - Maximális külső szivárgási veszteség - Maximálna miera vonkajšej netesnosti	%		-1	
p1)	Tasso di miscela interno - Internal mixing rate - Taux de mélange interne - Interne Mischrate - Porcentaje de mezcla interna - Vidinio sumaisymo procentas - Współczymnik mieszania wewnętrznego - Процент смесване отвътре - Dahili kangm yúzdesi - Процент внутреннего смешивания - Belső keveredési arány - Vnútomá miera	%		N/A	
722	Tasso di miscela esterno - External mixing rate - Taux de mèlange externe - Externe Mischrate - Porcentaje de mezcla externa - Isorinio sumaisymo procentas				
p2)	 - Współczymnik mieszania zewnętrznego - Процент на смесване отвън - Harici kartşımı yüzdesi - Процент наружного смешивания - Külső keveredési arány - Vonkajdia miera miešania 	%		N/A	
q)	Segnale avvertimento filtro - Visual filter warning - Alarme visuelle des filtres - Visuelle Filterwarnung - Señal de advertencia filtro - Vizualus perspéjimas apie užterštus filtrus - Ostzeženie o konieczności wymiany filtra - Сигнал за предупреждение за филтъра - Filtre uyarı sinyali - Визуальное предупреждение			N/A	
	засорения фильтра - Vizuális szűrő telíte ség jelzés - Vizuáline upozomenie na znečistenie filtra Istruzioni installazione griglie - Instructions to install regulated grilles - Instructions de l'Installation de grilles réglementées - Anleitung zur Installation regulierter Gitter -				
r)	Instrucciones instalación rejillas - Reguliuojamu, groteliu, sumoritavimo instrukcija - Instrukcija instalowania kratek - Инструкции за инсталиране на решетните - Izgara kurulum yönergeleri - Инструкция по установке регулируемых решеток - Szabályozó rácsok telepítésére vonatkozó utasítások - Рокупу na inštaláciu regulovaných	-		N/A	
	Sensibilità del flusso alle variazioni di pressione - Airflow sensitivity to pressure variations - Sensibilità du flux d'air aux variations de pression - Luftstromem				
t)	für Druckschwankungen - Sensibilidad del flujo a las variaciones de presión - Oro tékmés jautrumas slégio pokyčiams - Podatność przepływu powietrzz ciśnienia - Чувствителност на потока към измененията на налягането - Akışın basınç değişimlerine hassasiyeti - Чувствительность воздушно	а па zmiany го потока к	96	N	A
	изменениям давления - Légáramlás érzékenysége a nyomásváltozásra - Citlivost prúdenia vzdúchu na zmeny tlaku Tenuta all'aria internalesterna - Indoorfoutdoor air tightness - Étanchéité à l'air intérieur/extérieur - Inner/Außenluftdichtheit - Estanqueidad internaleste	ma del aire			
u)	 - Vidaus/Sores oro įvarža - Szczelność między wnętrzem i obszarem na zewnatrz budynku - Непропуситивост на въздух вътрешна/външна - Dahlil sizdirmazligi - Внутренняя / наружная герметичность - Belténiszabadtéri levegő köző légáteresztés - Vnútorná / vonkajšia vzduchotesnost 		m3/h m3/час	18	50
	Consumo annuo di energia (AEC) climi caldi				
	AEC - Annual electricity consumption - warm climates Consommation d'électricité annuelle (CEA) en climat chaud				
	AEC - Jährlicher Stromverbrauch - warmes Klima Consumo anual de energia (AEC) climas calientes		kVM		
v1)	Metinės elektros sanaudos (šilto klimato zonose) Roczne zużycie energii elektrycznej (RZE)- ciepły klimat		кВт*ч	1	0,6
	Годишна консумация на енергия (AEC) топъл климат Yillik enerji tüketimi (AEC) sıcak iklimler				
	Годовое электропотребление (AEC) теплый период Éves áramfogyasztás - meleg klímaosztály (AEC)				
	Ročná spotreba elektrickej energie – teplé podnebie				
	Consumo annuo di energia (AEC) climi temperati AEC - Annual electricity consumption - average climates				
	Consommation d'électricité annuelle (CEA) en climat moyen AEC - Jährlicher Stromverbrauch - durchschnittliches Klima				100000
v2)	Consumo anual de energía (AEC) climas templados Metines elektros sanaudos (vidutinio klimato zonose)		kWh xBT*4	1	0,6
¥2)	Roczne zużycie energii elektrycznej (RZE) - umiarkowany klimat Годишна консумация на енергия (AEC) умерен климат				
	Yıllık enerji tüketimi (AEC) ılıman iklimler Годовое электропотребление (AEC) переходный период				
	Éves áramtogyasztás - közepes klimáosztály (AEC) Ročná spotreba elektrickej energie – mieme podnebie				
	Consumo annuo di energia (AEC) climi freddi				
	AEC - Annual electricity consumption - cold climates Consommation d'électricité annuelle (CEA) en climat froid				
	AEC - Jährlicher Stromverbrauch - kaltes Klima Consumo anual de energia (AEC) climas frios		kWh xB⊤⁴ч	1	0,6
v3)	Koczne zużycie energii elektrycznej (KZE) - cnłodny klimat				
	Годишна консумация на енергия (AEC) студен климат Yıllık enerji tüketimi (AEC) soğuk iklimler				
	Годовое электропотребление (AEC) зимний период Éves áramfogyasztás - hideg klímaosztály (AEC)				
	Ročná spotreba elektrickej energie – chladné podnebie Risparmio di riscaldamento annuo (AHS) climi caldi				
	AHS - Annual heating saved - warm climates				
	Economie annuelle de chauffage (EAC) en climat chaud AHS - Jährliche Heizkosteneinsparung - warmes Klima		kWh x8x*4	19,	5
w1)	Ahorro de calentamiento anual (AHS) climas cálidos Metrinis šilumos sutaupymas (šilto klimato zonose)				
	Roczne oszczędności w ogrzewaniu (ROO) - ciepły klimat Годишно спестяване от отопление (AHS) тогъл климат				
	Yıllık ısıtma tasamufu (AHS) sıcak iklimler Қоличество сохраненного тепла (AHS) теплый период				
	Éves hőmegtakarítás - meleg klímosztály (AHS) Ročná úspora tepla – teplé podnebie				
	Risparmio di riscaldamento annuo (AHS) climi temperati AHS - Annual heating saved - average climates				
	AHS - Jährliche Heizkosteneinsparung - durchschmittliches Klima		kWh v8+*4	43,	1
	Anto - Jamicine Heizioseneinsparung - autonocintilicines ruma Ahorro de calentamiento anual (AHS) climas templados Metinis ŝilumos sutaupymas (vidutinio klimato zonose)		P*10x		
w2)	Roczne oszczędności w ogrzewaniu (ROO) - umiarkowany klimat				
	Годишно спестяване от отопление (AHS) умерен климат Risparmio di riscaldamento annuo (AHS) climi freddi		<u> </u>		
	AHS Annual heating saved - cold climates Économie annuelle de chauffage (EAC) en climat froid				_
	AHS - Jährliche Erwärmung eingespart - kaltes Klima Ahorro de calentamiento anual (AHS) climas frios				
w3)	Methics distincts sutaupymas (Salto klimato zonose) Roczne oszczędności w ogrzewaniu (ROO) - chłodny klimat		kWh	84	3
	Подишно слестваване от отопление (AHS) студен климат Упілік ізітпа завантиці (AHS) soguk ililmiter Упілік ізітпа завантиці (AHS) soguk ililmiter		кВт*ч		
	т пік ізыпа ізватыці (нто) soguk кіліте Количество окраненного теліп (АНS) холодный период Éves hőmegtakaritás - hideg klímosztály (AHS)				
	Eves nomegrakantas - nideg kilmosztaly (AHS) Ročná úspora tepla – chladné podnebie				
-					

Contact

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Aerauliqa srl reserves the right to modify/make improvements to products and/or this instruction manual at any time and without prior notice.

Documents / Resources



aerauliqa Quantum NEXT Alternating Flow Decentralized VMC Unit [pdf] Instruction Manual

Quantum NEXT, Quantum NEXT Alternating Flow Decentralized VMC Unit, Alternating Flow Decentralized VMC Unit, Flow Decentralized VMC Unit, Unit,

References

- Q AERAULIQA Air & Life Quality
- User Manual

Manuals+,