

Home Ventilation with Heat Recovery



Controlled

Systems with

Systems with HR

We need fresh air to be able to live healthy lives. We do not feel well and may even fall ill without it. Fresh air is therefore essential for us - and just as well for our four walls. But how can we make sure that our house is sufficiently ventilated when we're traveling so often? How can we also ensure that our home stays nice and warm, so we feel comfortable and do not waste valuable heating energy? With decentralised domestic ventilation systems with heat recovery from LUNOS that's no problem.

Ventilation systems with heat recovery are particularly efficient and provide fresh air and a pleasant living environment in every room. For supply and exhaust ventilation, all rooms of the apartment or house can be equipped with heat recovery devices. For this purpose LUNOS has developed various units: The e² family consisting of the well-known e², the e²mini and e²short, and now the new e²neo. They are preferably installed in living rooms and bedrooms, whereas the e^{go} is employed in exhaust air rooms such as bathrooms and kitchens. Here the brand new Ne^{xx}t from LUNOS falls into line. It provides ventilation no longer only for domestic rooms with decentralised systems, but now also hotels, hospitals and schools can be equipped by LUNOS.

You will find all the information you need in this brochure about the technical details and possible applications – and we will be happy to answer any question you may have.



Home Ventilation

heat recovery



> Supply & exhaust air with HR

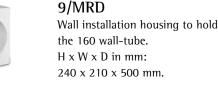














e², e²neo und e²short + LUNOtherm

e², e²neo, e²short A

Axial outer wall fans with regene-

rooms and bedrooms, combinable

Axial outer wall fan with regener-

ative heat recovery for functional

Radial outer wall fan with recu-

perative heat recovery for living

rooms, bedrooms and functional

rooms. Wall duct via 160 wall-

Axial outer wall fan with regen-

erative heat recovery for living rooms and bedrooms.

rative heat recovery for living

with LUNOtherm.

e^{go}

rooms.

tube.

Ne^{xx}t A

e²mini

e² with façade element, almost invisible from the outside

The principle of regenerative heat recovery

The e^{g_0} is the perfect enhancement to the e^2 family in a ventilation system with heat recovery. By reason of the decentralised alignment, the individual ventilation devices can be used exactly where they are required.

Except for the e²mini, the e² family can also be combined with the LUNOtherm façade element. When using the façade element the outer grille is not required. What remains is a narrow ventilation gap in the reveal or in the lintel.

The Ne^{xx}t with recuperative heat recovery

The Ne^{xx}t makes it possible to provide ventilation and air exhaust in large rooms with just one device. Two extremely quiet radial fans achieve up to 110 m³/h. You can choose between two versions with crossflow or counterflow heat exchanger.

Living rooms and bedrooms:

The Nexxt and the e^2 family are ideally suited for use in living rooms and bedrooms.

Bathroom, WC, utility room (UR) and kitchen:

The e^{g_0} is used for functional areas such as bathroom, WC, utility room and kitchen. Thanks to the two separate air channels in one unit, a second fan is not required here. The e^{g_0} can be operated both in heat recovery operation and in the exhaust air mode (airflow level 45 m³/h).

Also LUNOS supports the objectives of the Federal Republic of Germany concerning the energy turnaround, and so our systems are of course eligible due to their high heat provision level and their high efficiency. Detailed calculations are available from your energy advisor.



Home ventilation with

Ne^{xx}t, the evolution

Nexxt

The LUNOS Nexxt - all features at the highest level

LUNOS now opens up the market of decentralised ventilation units for completely new application areas: The Ne^{xx}t is a decentralised heat recovery unit, which is used in kindergartens, schools, offices, hotels and medical practices and of course, classically, in apartments and houses. In regions or altitudes where extraordinary wind loads prevail, the Ne^{xx}t is just as well suited as in areas that need to be particularly soundproof. By the optional use of an F9 filter the Ne^{xx}t exceeds all standards of hygiene requirements many times over. The Ne^{xx}t achieves a heat recovery rate of up to 90 %. The heat transfer is effected by a crossflow heat exchanger or optionally by a counterflow heat exchanger. The Ne^{xx}t is topped off by a completely new operating concept. Placed behind an elegant screen, the control - when operated provides a clear but subtle feedback by backlighting. By default, the Ne^{xx}t is controlled via humidity or temperature sensors. The Ne^{xx}t can be installed both under and on plaster. The installation housing of the surface-mounted version includes a stylish design frame making an attractive visual impact. The well-known 160 wall tube is used for the duct to the outside.



and filter replacement indicator

heat recovery

in the decentralised system



QUIET	> Low noise level & maximum passive noise protection While the well-known e ² with the axial ec technology has already achieved top ratings, the radial ec motors of the Ne ^{xx} t are convincing all along the line. That is why the Ne ^{xx} t is currently one of the quietest units in its class. Thanks to the intelligent design, a maximum standard sound level difference of 54 dB is achieved, which means that the Ne ^{xx} t can even be used at airports.
ECO-FRIENDLY	> Efficiency With its very low power consumption, the Ne ^{xx} t is extremely energy efficient, thus making an active contribution to environmental protection. The highly efficient ec technology enables a low power consumption.
INNOVATIVE	 > Heat recovery and control technology The key component of the Ne^{xx}t is the built-in device with heat exchanger, which is available in two versions: Ne^{xx}t K: The crossflow heat exchanger achieves heat recovery levels of up to 80 %. 62 % according to EN 13141-8 at 75 m³/h (reference airflow volume). Ne^{xx}t G: The bigger counterflow heat exchanger has a significantly higher efficiency, providing a heat recovery level of up to 90 %, 84 % according to EN 13141-8 at 60 m³/h (reference airflow volume). The integrated control provides the perfect interaction of the various components. Equipped with humidity-temperature sensors, even the standard version of the automatic control ensures efficient ventilation with humidity protection. Optionally, additional sensors such as, for example, the CO₂ sensor can be integrated or connected with the bidirectional wireless technology.
SLIM	> LUNOS design line The Ne ^{xx} t adds the waveform to the current design of LUNOS products while maintaining its basic prin- ciples and recognition value. With an inner screen size of 510 x 510 mm, the fan thus remains a stylish element of home technology. The front screen also contains the plainly designed control panel. The total depth of 240 mm can be lowered up to 67 mm into the outer wall.
COMPATIBLE	> LUNOS compatibility By using the LUNOS 160 standard wall-tube as wall duct, the Ne ^{xx} t is compatible with the fans of the 160 series. Only for the outer covering a two-way outer screen or outer hood must be used. In the surface-mounted version, it is particularly easy to replace a 160 fan by the Ne ^{xx} t.
UNIVERSAL	> The Ne ^{xx} t-housing can be used universally Developed for the outer wall, the fan can be installed in the surface-mounted or flush-mounted version. The flush-mounted version requires a wall thickness of at least 280 mm.

Tested according to EN 13141-8

Conforming to standards: All device data of the ErP product data sheet and the energy labels have been determined according to EN 13141-8





Home ventilation with

Ne^{xx}t: A modular system for

Ne^{xx}t modular system

> Functions

In both versions of the built-in device, the Ne^{xx}t is equipped as standard with humidity-temperature sensors both on the supply air and the exhaust air side. Thereby, the rooms are always ventilated automatically and in accordance with the respective requirements. Manual intervention is not necessary. For the radio module 5/FM there are slots available on the control board. The Ne^{xx}t can be integrated into a bidirectional wireless network via the radio module and thus receive information from external sensors. In addition, a WiFi module will be available by which the Ne^{xx}t can be remotely controlled via WLAN. The inner screen for the operation of the Ne^{xx}t is equipped with the following functions:

- Airflow levels adjustable: Ne^{xx}t K 0-110 m³/h and Ne^{xx}t G 0-90 m³/h
- Automatic: Activation of the humidity-temperature control
- Summer mode: the fan switches to a supply or an exhaust mode
- Anti-freeze function: The airflow level is reduced to prevent freezing of the heat exchanger
- Filter change indicator
- The filters meet the highest quality standard: M5 filters, F7 filters or F9 filters are available

	Ne ^{xx} t K	Ne ^{xx} t G	
Efficiency*	62 % 84 %		
Airflow volume	15-110 m ³ /h (stagelessly adjustable)	15-90 m³/h (stagelessly adjustable)	
Power Consumption**	22 Watt	20 Watt	
Mains Voltage	230 V / 50 Hz 115 V / 60 Hz US version (available on request)	230 V / 50 Hz 115 V / 60 Hz US version (available on request)	
Sound Power Level**	40 dB(A)	39 dB(A)	
Core Drilling	162 mm		
Minimum Wall Thickness (surface mounting/flush mounting)	110 mm / 280 mm		
Depth in Wall Installation	172 mm housing + 105 mm flap closure in wall duct		
Cutout Installation Housing	min. 482 mm x 482 mm		
Dimensions of the Unit	480 mm x 480 mm x 170 mm		
Size of the Inner Screen	510 mm x 510 mm x 66 mm		
Size of the Outer Hood	235 mm x 205 mm x 72 mm		
Energy Efficiency Class	А		

* according to EN 13141-8

** at 70 % of the maximum airflow volume, according to ErP Directive EU Regulation 1254, measured with M5 filters.

heat recovery

the perfect fan



> Configuration Ne^{xx}t

.

The modular system of the Ne^{xx}t enables easy combination of the various components with the two built-in devices. Five components are required to complete one fan. One product needs to be chosen for each component, so that the selection is complete:

Built-in device	Housing	Wall-tube + adapter *	Inner screen	External closure
Built-in device NXT-G	Built-in housing without surface mounting set: 3/NXT	500 mm length: 9/R 160-500		Two-way outer screen: 1/EGA
		Adapter 2/AD 160	With membrane keyboard: 9/NXT-1BF	
	or	or		or
Built-in device NXT-K	Built-in housing with sur- face mounting set: 3/NXT + 3/NXT-AP	700 mm length: 9/R 160-700		Two-way outer hood: White 1/HWE-2 Anthracite 1/HAZ-2
		Adapter 2/AD 160		

* An adapter is required per each 10 cm wall-tube or part thereof



Electric flap closure

The electric flap closure 9/KVEN-2 for the Nexxt based on the 160 pipe is available as an option. It can be used to close the wall duct automatically if required.

e²neo

Home Ventilation with e²neo

e²neo

The e²neo – the reference in reverse technology

LUNOS works according to the principle of continuous improvement - this is how the e^2 was revolutionised: the new e^2 neo works from an extremely quiet operation of 5 m³/h. This was made possible by a the development of a new motor with a significantly reduced operating noise, which can be controlled even more finely.

Therefore, the e^2 neo is not only quieter than the successful e^2 generation, but also more efficient. The approved and reliable effectiveness of the e^2 has, of course, been retained.



from the e² family



Reverse technology: The heat recovery of the e² family for residential rooms

All fans of the e^2 family work according to the method of regenerative heat exchange. In reversing operation, a storage element charges up with thermal energy similar to a rechargeable battery and transfers the heat to the incoming outside air. e^2 fans are preferably used in living rooms. There are always two devices running in paired operation, so that an even number of fans needs to be installed for the e^2s to function properly.

QUIET	> Modern ec technology and motor control The EC motor of the e ² neo has been tuned even more finely to reverse technology requirements. The result is an even more precise control of the ventilation steps and an optimised change of air direction. The revised fan blades enable even lower running noises.
ECO-FRIENDY	> Efficiency With the lower power consumption of its ec motor, the e ² neo has a particularly high efficiency thus ensuring significant energy savings in the heat supply. The e ² neo thus achieves energy efficiency class A according to the ERP directive.
INNOVATIVE	> Heat recovery The compact heat store made of a ceramic composite material provides a heat provision level of more than 80 %.
SLIM	> Small dimensions In its class, the e ² neo is among the world's smallest fans in decentralised home ventilation with heat recovery. The small, flat inner screens have approximately the size of a CD.
COMPATIBLE	Compatibility with other devices If a LUNOS ventilation system has already been installed, an existing fan of the 160 series can be replaced by the e ² neo. This is possible by the use of the same wall duct.
UNIVERSAL	> Versatile installation options All fans of the e ² family can be used in new buildings as well as in modernisation work. In new buildings they are placed between the bricks by use of a wall installation housing. In modernisation work they are installed by means of a 162 mm core hole drilling. The wall must to be at least 280 mm thick.







Home Ventilation with

e², e²short & e²mini

e², e²short & e²mini



from the e² family



The classics of the e² family, three fans for all application purposes

No fan has characterised decentralised ventilation with heat recovery as strongly as the LUNOS e^2 . It is universally applicable and can be used even for high sound protection requirements. The e^2 short and e^2 mini were developed for an even more flexible application range of the e^2 family. Thanks to these two fans even very narrow walls can be equipped with efficient ventilation devices.

QUIET	> Low noise level thanks to ec technology Highly efficient motors with the state-of-the-art ec-technology combined with flow-optimised and specially balanced fans have eliminated nearly all running noises. The result is a low self-noise level.
ECO-FRIENDLY	> Efficiency Due to their very low power consumption, e ² , e ² short and e ² mini are particularly energy-efficient. The units thus achieve very good energy efficiency classes.
INNOVATIVE	> Heat recovery The units of the e^2 family have a very low energy consumption. Using state-of-the-art production methods, LUNOS succeeded in developing a compact heat store of a ceramic composite material, which provides a heat recovery rate of up to 90 %.
SLIM	 Small dimensions The e²mini belongs to the smallest decentralised fans in the field of home ventilation with heat recovery. The 160 fans e² and e²short are extremely compact in their class and convince by their small dimensions.
COMPATIBLE	Compatibility with other devices If a LUNOS ventilation system has already been installed, an existing fan of the 160 series can be replaced by the e ² neo, e ² and e ² short. This is possible by the use of the same wall duct.
UNIVERSAL	> Versatile installation options In new buildings as well as modernisation work, all fans of the e ² family can be used. In new buildings they are placed between the bricks by use of a wall installation housing. In modernisation work they are

installed by means of a 162 mm or 100 mm (e²mini) core hole drilling.

e ²	Home Ventila	tion with Technical data
Technical data		
	> Characteristics	e ² neo A+
QUIET	Measuring surface sound pressure level* (Sound power level)**	From 11 dB (38 dB)
ECO-FRIENDLY	Power consumption	From 0,3 W
INNOVATIVE	Average thermal efficiency level	Heat provision level accord- ing to scavenging air pro- cedure: 82,6 %
SLIM	Dimensions	Fan size: Ø 154 x 243 mm
COMPATIBLE	Compatibility with other devices	All 160 systems incl. LUNOtherm and outer hoods as external closure
UNIVERSAL	Versatile installation options	Usable in new buildings and modernisation work, wall thickness from 280 mm

* Measuring surface sound pressure level: indicates how high the sound pressure level is on a measurement surface (hemisphere) around the inner screen of a fan in 1 m distance. The higher the value, the louder is the unit. This value cannot be measured directly, it is a calculated value. ** Sound power level: At 70 % of the maximum airflow according to (EU 1253/1254/2014). The sound power level indicates the "loudness" of a device and is independent of the distance.

Definitions for sound:

of the e² family



e ² A	e ² short	e ² mini
From 17 dB	From 17 dB	From 18 dB
(40 dB)	(40 dB)	(40 dB)
From 1,4 W	From 1,0 W	From 0,6 W
Heat provision level accord-	Heat provision level accord-	Heat provision level accord-
ing to scavenging air pro-	ing to scavenging air pro-	ing to scavenging air pro-
cedure: 90,6 %	cedure: 82.7 %	cedure: 74.4 %
Fan size:	Fan size:	Fan size:
Ø 154 x 243 mm	Ø 154 x 168 mm	Ø 98 x 160 mm
All 160 systems incl.	All 160 systems incl.	Compatible with wall-tubes
LUNOtherm and outer hoods	LUNOtherm and outer hoods	with an inside diameter of
as external closure	as external closure	100 mm
Usable in new buildings and modernisation work, wall thickness from 280 mm	Usable in new buildings and modernisation work, wall thickness from 200 mm	Usable in new buildings and modernisation work, wall thickness from 167 mm to max. 300 mm



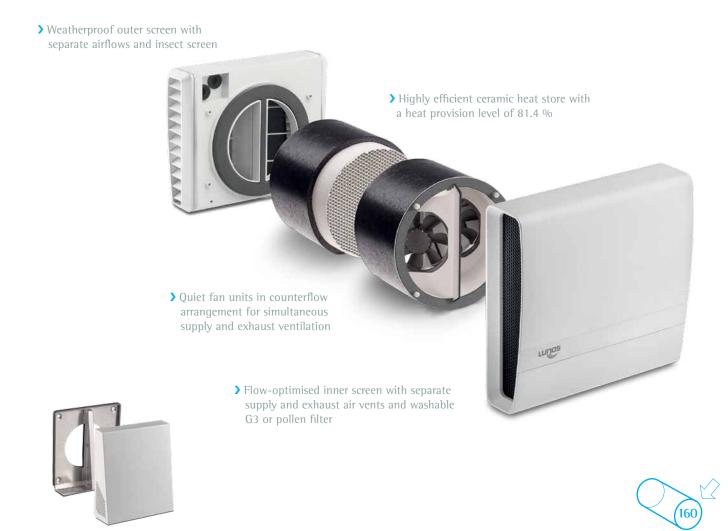
Home Ventilation with

ego: Ventilation

The e^{go} - reverse technology for exhaust air rooms

LUNOS developed the $e^{\rm go}$ for optimum ventilation with heat recovery in bathrooms, WCs and kitchens.

Paired operation is not required, because in an e^{go} two small fans provide air supply and exhaust air with heat recovery at the same time.



> On the façade side combinable with the new two-way outer hoods



in functional rooms



Function of the reverse technology in exhaust air rooms

Like the all fans of the e² family, the e^{go} uses the principle of regenerative heat exchange. However, the ego uses two fans operating in opposite direction so that supply and exhaust air are moved at the same time. A second device is not required for operation. Additionally, the system can be switched to an exhaust mode in which an airflow level of 45 m³/h is removed to quickly allow fresh air to flow into a room.

QUIET	> Low noise level thanks to ec technology Highly efficient ec motors with flow-optimised fans ensure low running noises. This results in low sound values. Indication of the enveloping surface sound pressure level* (sound power level)**	From 17 dB (47 dB)
ECO-FRIENDLY	> Efficiency The very low power consumption ensures high energy-efficiency. The e ^{go} thus achieves the energy efficiency class B.	From 1,0 W
INNOVATIVE	> Heat recovery The compact heat store made of a ceramic composite material with an extraordinary honeycomb structure provides a high thermal effi- ciency.	Heat provision level accord- ing to scavenging air pro- cedure: 81.4 %
SLIM	> Small dimensions The e ^{go} belongs to the worldwide smallest fans in home ventilation with heat recovery in the class of two-way devices.	Fan size: Ø 154 x 300 mm
COMPATIBLE	Compatibility with other devices If a LUNOS ventilation system has already been installed, an existing fan of the 160 series can possibly be replaced by the e ^{go} .	Only when using e ^{go} inner screens and two-way outer screens
UNIVERSAL	> Versatile installation options The e ^{go} can be used in new buildings as well as in modernisation work. In new buildings it is placed between the bricks using a wall installation housing. In modernisation work it is installed by means of a 162 mm core hole drilling - minimum wall thickness: 300 mm.	Usable in new buildings and modernisation work, wall thickness from 300 mm

Definitions for sound:

* Measuring surface sound pressure level: indicates how high the sound pressure level is on a measurement surface (hemisphere) around the inner screen of a fan in 1 m distance. The higher the value, the louder is the unit. This value cannot be measured directly, it is a calculated value. ** Sound power level: At 70 % of the maximum airflow according to (EU 1253/1254/2014). The sound power level indicates the "loudness" of a device and is independent of the

distance.



LUNOS Ventilation

for ventilation with heat recovery

Ventilation control systems

> Smart Comfort and Universal Control for the e² family, e^{go} and RA 15-60



Universal Control



Smart Comfort

Ventilation at the push of a button - exactly as required. The Smart Comfort control is particularly easy to operate. Developed further on the basis of the Universal Control, the different ventilation modes can now be set directly at the touch of a button. This includes, of course, also the humidity-temperature mode, which is recommended for continuous operation. In this ventilation mode, the ventilation system works particularly efficiently and keeps the room climate at an optimum level. The Smart Comfort can control all 12 Volt fans from LUNOS. The connected fan type and the desired function can be set.

- With humidity-temperature sensor and filter change indicator
- Automatic humidity control, intensive ventilation, night reduction and summer ventilation can be set
- Functions for humidity and frost protection

Universal Control

By use of the new Universal Control 5/UNI-FT everything can be controlled automatically. It is equipped with the humidity control mode and delay timer as standard and can also be switched to the summer mode.Optionally, wireless sensors and switches can be connected via the attachable radio module 5/ FM-UNI. The Universal Control is a multifunctional 12 Volt control operated via a simple two-pole series switch. The fan type connected and the desired function have to be set. Various programs can be selected for each fan type.

- With humidity-temperature sensor and filter change indicator
- Integrated delay time with interval operation
- Radio module connectable

> The Touch Air Comfort (TAC)



This control is the multi-talent from LUNOS. Both the 12 V fans of the 160 series and the Silvento ec can be connected directly. Alternatively, almost any number of fans can be connected via Universal Controls, which can be operated via the TAC. Additionally, LUNOS 230 V fans can also be easily connected using the additional module 5/ACM.

The TAC can be configured for various fan scenarios. It proves to be an energy-efficient combination artist: Either different fans, the 230 V module 5/ACM for Silvento AC or individual Universal Controls are connected to the three outlets of the control. The integrated power pack is absolutely sufficient for e.g. a three-room apartment where four e^2 in the living rooms and one Silvento ec in the bathroom can be controlled. If more fans are required to supply larger apartments or single-family homes, the Touch Air Comfort can regulate several Universal Controls. Numerous Universal Controls can be connected to each outlet of the TAC control. In this way, almost any number of fans can be controlled via one Touch Air Comfort.

Control Systems

and assessories



Radio Products & assessories

> Bidirectional radio technology



Remote control RC-EO

The RC-EO remote control is maintenance-free, shock-resistant and splash-proof. Connected to the UPM-EO module, all connected 230 V devices can be controlled by radio command.

Flush-mounted module UPM-EO

The flush-mounted module UPM-EO is a receiver for radio signals. Connected to an AB30/60 or a Silvento, the exhaust air fan acquires radio capability. In particular, during refurbishment manual operation of the fan can be enabled retroactively without the need for complex cable laying.

This external sensor can be fixed almost anywhere and does not require additional power supply. Usable as an indoor or outdoor sensor, the intelligent control matches the absolute values of the indoor and

External humidity and temperature sensor SFT-EO







Radio module for Universal Control UNI-EO

outdoor climate and adjusts the ventilation accordingly.

The radio module for the Universal Control enables communication of the universal control unit 5/UNI-FT with the coupled LUNOS components. This includes the processing of received sensor values and switching commands, as well as the transmission of system states.

Radio module for Silvento ec and Nexxt FM-EO

In connection with e^2 fans at a Universal Control with UNI-EO module, sensor values can be exchanged and the ventilation operation of the systems can be coordinated.

> Accessories for Touch Air Comfort (TAC)



CO₂ module

Permanent measurements of the CO_2 -values enable the TAC to control the fans according to the air quality. The control range is adjustable, which allows fine-tuning towards various room conditions. The CO_2 program can be set concurrently with the humidity-temperature program. The automatic function will then react to the requirement that occurs first. Designation: SCO2-TAC



Additional module for 230 V fans

By transmitting the control signal of the Comfort control TAC to 230 VAC the additional module enables the connection of the fan types Silvento AC und AB 30/60. Designation: 5/ACM (H x W x D) 42 x 42 x 14 mm



Accessories

160 screens,

> The new comfort inner screens for the 160 series



Comfort inner screen

Thanks to the new design the direct noise input to the residents is reduced - the result is a more comfortable ambiance. The glass version of the new screen also stands out by its elegant design.

Plastic design Designation: 9/IBK

(H x W x D) 191 x 180 x 60 mm



Glass design Designation: 9/IBG

(H x W x D)) 197 x 185 x 66 mm



> Inner screens for the 160 series



Standard inner screen

Designation: 9/IBE

(H x W x D) 180 x 180 x 35 mm



Noise protection inner screen

Sound insulation hood 9/IBS: increase of the standard sound level difference by up to 9 dB, reduction of self-noise, including washable filters of filter classes G2 and G3 1 pc each.

Designation: 9/IBS

(H x W x D) 250 x 250 x 78 mm

outer grilles and wall ducts



> Outer grilles and screens for 160 systems



Plastic grille Ø 180 mm

for wall-tubes Ø 160 mm NEW with façade protection ring, claw fixing and insect screen Designation: 1/BE 180 sanded Designation: 1/WE 180 white Designation: 1/AZ 180 anthracite



Outer hood aluminium

(H x B x T) 235 x 205 x 72 mm For wall-tubes Ø 160 mm, insect screen, with sound insulation, to screw on. Increase of standardised sound level difference by up to 6 dB. Designation: 1/HWE white powder-coated Designation: 1/HAZ anthracite powder-coated



Two-way outer screen, plastic For wall-tubes Ø 160 mm, insect screen, with sound insulation, to screw on.

Designation: 1/EGA (H x W x D) 217 x 257 x 63 mm



Two-way outer hood, aluminium

(H x W x D) 235 x 205 x 72 mm For wall-tubes Ø 160 mm, insect screen, with sound insulation, to screw on. Increase of standardised sound level difference by up to 6 dB. Designation: 1/HWE-2 white powder-coated Designation: 1/HAZ-2 anthracite powder-coated



thickness of 60–300 mm **160 series with LUNOtherm A** W x H: 980 x 490 mm Application in non-combustible ETICS

LUNOtherm Façade Elements

Variant diversity available with insulating

160 series with LUNOtherm A FS W x H: 980 x 505 mm For mounting below the window. Application in non-combustible ETICS



Application in non-combustible ETIC 160 series with LUNOtherm B W x H: 1000 x 500 mm

Application in flame-resitant ETICS.

LUNOtherm B FS

W x H: 1000 x 515 mm Application in flame-resitant ETICS. For mounting below the window.

> Wall installation housing for the 160 series

NEW



9/MRD Wall installation housing made of EPS with a slope towards the outside. Suitable for all devices of the 160 series. Can also be used with LUNOtherm. Steplessly shortenable. Designation: 9/MRD

(H x W x D) 240 x 210 x 500 mm

> Wall-tubes for the 160 series

Wall-tube



for all devices of the 160 series (can also be used with LUNOtherm) Designation: 9/R 160-500 (Ø x L) 160 x 500 mm

Designation: 9/R 160-500 (Ø x L) 160 x 500 mm Designation: 9/R 160-700 (Ø x L) 160 x 700 mm

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