

iV-Light

Performance

Wall Thickness [mm]	≥ 290
Wall Opening Ø [mm]	180
Heat Recovery Rate [%]	84
Airflow (Heat Recovery Mode) [m³/h]	5 - 21
Airflow (Extract Air Mode) [m³/h]	10 - 42
Power Consumption [W]	1 - 3
Power Consumption per Airflow [W/(m³/h)]	0.2
Fan Voltage [V DC]	6 - 16
Sound Emission [dB(A)]	18 - 36
Sound Emission (Sound Absorbing Insert) [dB(A)]	17 - 32
Standard Sound-Level Difference [dB]	34 - 47
Energy Label "ErP"	A+ / A



Features

Description	decentralized mechanical ventilation system with heat recovery for new build and refurbishment
Inner Cover	inner cover "Light" 220 x 220 mm with integrated filter G4, insulation and quick closing function, white RAL 9010
Outside Cover	round weather protection grille "Light" Ø 200 mm
Wall Sleeve	round wall sleeve Ø 160 mm in length 495 mm / 745 mm
Heat Recovery	regenerative heat recovery approach by solid ceramic cell with hexagonal structure leading to heat recovery rate 84 %
Fan	highly efficient Xenion [®] reversible fan with 70s-cycles, fulfills S3-classification of DIN 13141-8
Guide Vanes	inVENTron [®] guide vane technology
Ventilation modes	heat recovery mode / ventilation mode
Frost Protection	-20 °C by reversible fan operation and temperature sensor

Controller / Additional Parts

Controller	sMove s4, sMove s8 or MZ-Home
Sensor	CO ₂ -sensor CS1, humidity sensor MZ-Home, HYG12
Sound Protection	sound absorbing insert, sound protector
Filter	dust filter G4 included as standard

Warranty*

5 year warranty for the fan, electronics and the wall sleeve,
30 year warranty for the ceramic cell

iV-Smart+

Performance

Wall Thickness [mm]	≥ 270
Wall Opening Ø [mm]	180
Heat Recovery Rate [%]	87
Airflow (Heat Recovery Mode) [m³/h]	8.5 - 29
Airflow (Extract Air Mode) [m³/h]	17 - 58
Power Consumption [W]	1 - 3
Power Consumption per Airflow [W/(m³/h)]	0.15
Fan Voltage [V DC]	6 - 16
Sound Emission [dB(A)]	21 - 36
Sound Emission (Sound Absorbing Insert) [dB(A)]	16 - 32
Standard Sound-Level Difference [dB]	38 - 49
Energy Label "ErP"	A+ / A



Features

Description	decentralized mechanical ventilation system with heat recovery for new build and refurbishment
Inner Cover	inner cover "Flair" 233 x 233 mm with integrated filter G4, airflow guidance function and quick closing, white RAL 9010
Outside Cover	weather protection hood "Smart" 222 x 285 x 56 mm, RAL 9016 / RAL 9006 / RAL 7011 / special color or: weather protection hood "Nova" 279 x 313 x 88 mm with grid, RAL 9016 / RAL 9006 / RAL 7011 / special color
Wall Sleeve	round wall sleeve Ø 160 mm in length 495 mm / 745 mm
Heat Recovery	regenerative heat recovery approach by solid ceramic cell with hexagonal structure leading to heat recovery rate 87 %
Fan	highly efficient Xenion® reversible fan with 70s-cycles, fulfills S3-classification of DIN 13141-8
Guide Vanes	inVENTron® guide vane technology
Ventilation Modes	heat recovery mode / ventilation mode
Frost Protection	-20 °C by reversible fan operation and temperature sensor

Controller / Additional Parts

Controller	sMove s4, sMove s8 or MZ-Home
Sensor	CO ₂ -sensor CS1, humidity sensor MZ-Home, HYG12
Sound Protection	sound absorbing insert, sound protector
Filter	dust filter G4 included as standard, options: pollen filter G2, micro filter F5, activated carbon filter

Warranty*

5 year warranty for the fan, electronics and the wall sleeve,
30 year warranty for the ceramic cell

iV14-Zero

Performance

Wall Thickness [mm]	≥ 255
Wall Opening Ø [mm]	225
Heat Recovery Rate [%]	87
Airflow (Heat Recovery Mode) [m³/h]	8.5 - 29
Airflow (Extract Air Mode) [m³/h]	17 - 58
Power Consumption [W]	1 - 3
Power Consumption per Airflow [W/(m³/h)]	0.15
Fan Voltage [V DC]	6 - 16
Sound Emission [dB(A)]	13 - 29
Sound Emission (Sound Absorbing Insert) [dB(A)]	11 - 27
Standard Sound-Level Difference [dB]	48 - 56
Energy Label "ErP"	A+ / A



Features

Description	sound optimized decentralized mechanical ventilation system with heat recovery for new build and refurbishment
Inner Cover	inner cover "Flair Zero" 233 x 233 mm with integrated filter G4, airflow guidance function, quick closing, white RAL 9010
Outside Cover	weather protection hood "Nova Zero" 279 x 313 x 88 mm with grid, RAL 9016 / RAL 9006 / RAL 7011 / special color
Wall Sleeve	round wall sleeve Ø 200 mm in length 495 mm / 745 mm with integrated sound absorber made of Inventin®
Heat Recovery	regenerative heat recovery approach by solid ceramic cell with hexagonal structure leading to heat recovery rate 87 %
Fan	highly efficient Xenion® reversible fan with 70s-cycles, fulfills S3-classification of DIN 13141-8
Guide Vanes	inVENTron® guide vane technology
Ventilation Modes	heat recovery mode / ventilation mode
Frost Protection	-20 °C by reversible fan operation and temperature sensor

Controller / Additional Parts

Controller	sMove s4, sMove s8 or MZ-Home
Sensor	CO ₂ -sensor CS1, humidity sensor MZ-Home, HYG12
Sound Protection	sound absorbing insert, sound protector
Filter	dust filter G4 included as standard, options: pollen filter G2, micro filter F5, activated carbon filter

Warranty*

5 year warranty for the fan, electronics and the wall sleeve,
30 year warranty for the ceramic cell

iV-Compact

Performance

Wall Thickness [mm]	≥ 140
Wall Opening Ø [mm]	180
Heat Recovery Rate [%]	72
Airflow (Heat Recovery Mode) [m³/h]	10.5 - 29
Airflow (Extract Air Mode) [m³/h]	21 - 58
Power Consumption [W]	1 - 3
Power Consumption per Airflow [W/(m³/h)]	0.18
Fan Voltage [V DC]	6 - 16
Sound Emission [dB(A)]	21 - 44
Standard Sound-Level Difference [dB]	32
Energy Label "ErP"	A / B



Features

Description	compact decentralized mechanical ventilation system with heat recovery for thin walls ≥ 140 mm
Inner Cover	inner cover "Flair" 233 x 233 mm with integrated filter G4, airflow guidance function and quick closing, white RAL 9010
Outside Cover	weather protection hood "Compact" 203 x 276 x 80 mm, metal, grey RAL 9006
Wall Sleeve	round wall sleeve Ø 160 mm in length 230 mm
Heat Recovery	regenerative heat recovery approach by solid ceramic cell with hexagonal structure leading to heat recovery rate 72 %
Fan	highly efficient Xenion® reversible fan with 70s-cycles, fulfills S3-classification of DIN 13141-8
Guide Vanes	inVENTron® Slim guide vane technology
Ventilation Modes	heat recovery mode / ventilation mode
Frost Protection	-20 °C by reversible fan operation and temperature sensor

Controller / Additional Parts

Controller	sMove s4, sMove s8 or MZ-Home
Sensor	CO ₂ -sensor CS1, humidity sensor MZ-Home, HYG12
Sound Protection	sound absorbing insert, sound protector
Filter	dust filter G4 included as standard, options: pollen filter G2, micro filter F5, activated carbon filter

Warranty*

5 year warranty for the fan, electronics and the wall sleeve,
30 year warranty for the ceramic cell

sMove s4 / s8 controller

Performance

Number of controlled iV-units, sMove s4	2 - 4
Number of controlled iV-units, sMove s8	2 - 8
Ventilation Zones	1
Main Voltage, Input PSU [V AC] / [Hz]	230 / 50
Operating Voltage [V DC]	24
Power Consumption sMove s4 [W]	max. 11
Power Consumption sMove s8 [W]	max. 20
Standby [W]	0.5
Analogue Input (optional) [V DC]	0 - 10, control voltage
Protection Class	II
Type of Protection	IP20



Features

Description	basic controller for decentralized iV-ventilation units
Controls	smooth sliding controller with capacitive touchpad
Indication	LED lights
Operating Unit	housing 86 x 86 x 24 mm with acrylic glass cover
PSU	PSU for flush-mounted installment or PSU for switch cabinet installment
Ventilation Mode	heat recovery mode / ventilation mode
Ventilation Levels	smooth, orientation levels at 25 %, 35 %, 50 %, 100 %
Pause Function	60 minutes
Hours Run Meter	retrieving data by LED indication
Deactivation Block	“Flat” version (no switch off, only pause function available)
External Switching Contact	potential-free NOC (e.g. use for CO ₂ -sensor CS1, HYG12, pressure control sensor etc.)
Home Control	integration possible

Warranty*

5 year warranty for electronics