



LUFTOMET Sky- Single Pack code: SP-LS-XX-XX-XX

Description:

LUFTOMET air diffusers are designed with both functionality and aesthetics in mind. They are not only a great addition to any modern home, but also play an important role in improving indoor air quality. Made from high-quality materials such as wood, concrete, glass, 3D glass, plexiglass, and more, each LUFTOMET is unique. All versions have the same functionality. LUFTOMET Sky is the air diffuser which can be used for supply and exhaust air. SKY is especially designed for small air flow typical for residential ventilation systems with heat recovery. SKY can be installed only into the ceilings.

Thanks to the innovative Magnetic Force System, assembling and maintaining our products is a breeze. It's so effortless that you can even replace one product with another without any hassle.

Delivery Includes:

- single box (LP-B-1)
- mounting frame Sky (LR-S-XXX)
- design plate Sky (LS-XX-XX-XX)
- 4x screw for anchoring (countersunk head 3.5x30)
- manual

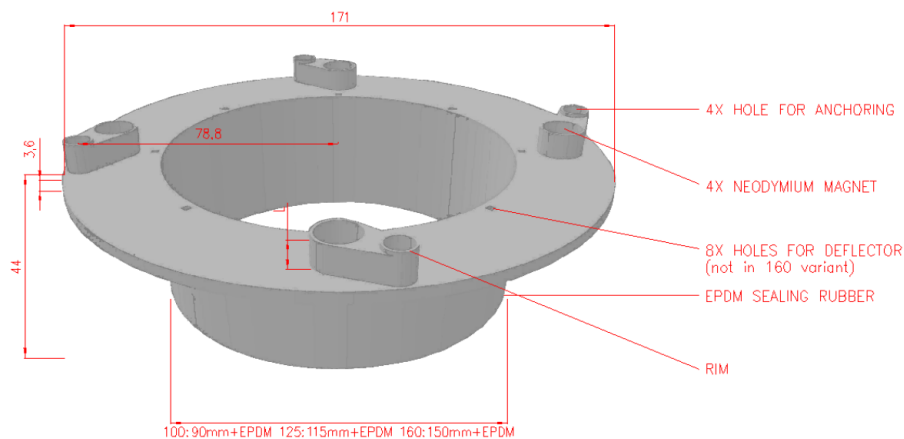
Mounting Frame Sky:

LR-S-100-W/B for ducts 100 with an inner diameter 97-103 mm LR-S-125-W/B for ducts 125 with an inner diameter 122-128 mm
 LR-S-160-W/B for ducts 160 with an inner diameter 157-163 mm W/B.....white or black

Mounting frame is made by ABS and PETG. The sealing rubber is made of EPDM.

The ring contains 4 neodymium magnets. (the safety data sheet for magnets can be found at <https://luftomet.com/download-1/>)

Dimensions



Design Plate Sky:

LS-G-Q/C-YY = Glass LS-W-Q/C-XX = Wood LS-P-Q/C-XX = Plexiglass
 LS-3G-Q/C-YY = 3D Glass LS-C-Q/C-XX = Concrete Q/C..... Square or circle XX.....Type or color

Code Example: LS- G- Q- WS = LUFTOMET Sky- Glass- Square- White Shine

The product is designed for a basic indoor, clean and dry environment without chemicals, there must be no other large source of magnetism in the area. The recommended ambient temperature is in the range of 10-40 ° C, relative humidity 20-80%, supply air temperature 10 ° C to + 40 ° C. Clean the design plate with a slightly damp, chemical-free cloth.

Store at a temperature of 10- 40 ° C, relative humidity 20-80,% without direct sunlight. In the case of storage in non-original boxes, it is necessary to line the individual plates, preferably with a cork. Otherwise there is a risk of scratches.

Regularly check the strength of the magnets. If you have any doubts about the functionality of the attachment, disassemble the plate and send it to us for inspection.

LS-G-XX-XX GLASS + LS-3G-XX-XX 3D GLASS + LS-P-XX-XX PLASTIC: Protect from scratches. Handle the plate with textile gloves, wipe with an antistatic cloth.

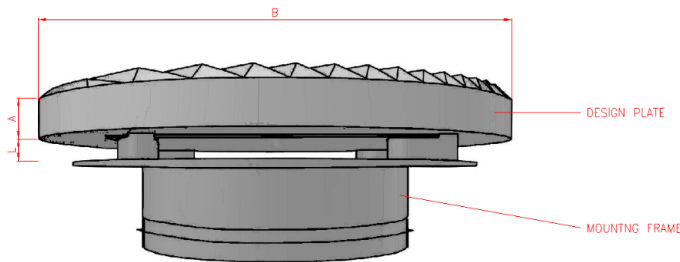
LS-W-XX-XX WOOD: Each piece is original and differs in drawing, shape, cracks and annealing, so it may not completely match the depicted pattern. The wood is carefully dried. The appearance of additional cracks and changes in the drawing depends on the environment. Sunlight can cause a change in hue. If used in a humid environment, use a suitable non-defective coating and restore it according to the manufacturer's instructions.

LS-C-XX-XX CONCRETE: Each piece is original, so it may not completely match the depicted pattern. Sunlight can cause a change in hue. If used in a humid environment, use a suitable non-defective coating and restore it according to the manufacturer's instructions. LUFTOMET made of concrete is not intended for vertical mounting (on the wall), consult this installation with us.



LUFTOMET Sky- Single Pack code: SP-LS-XX-XX-XX

Dimensions



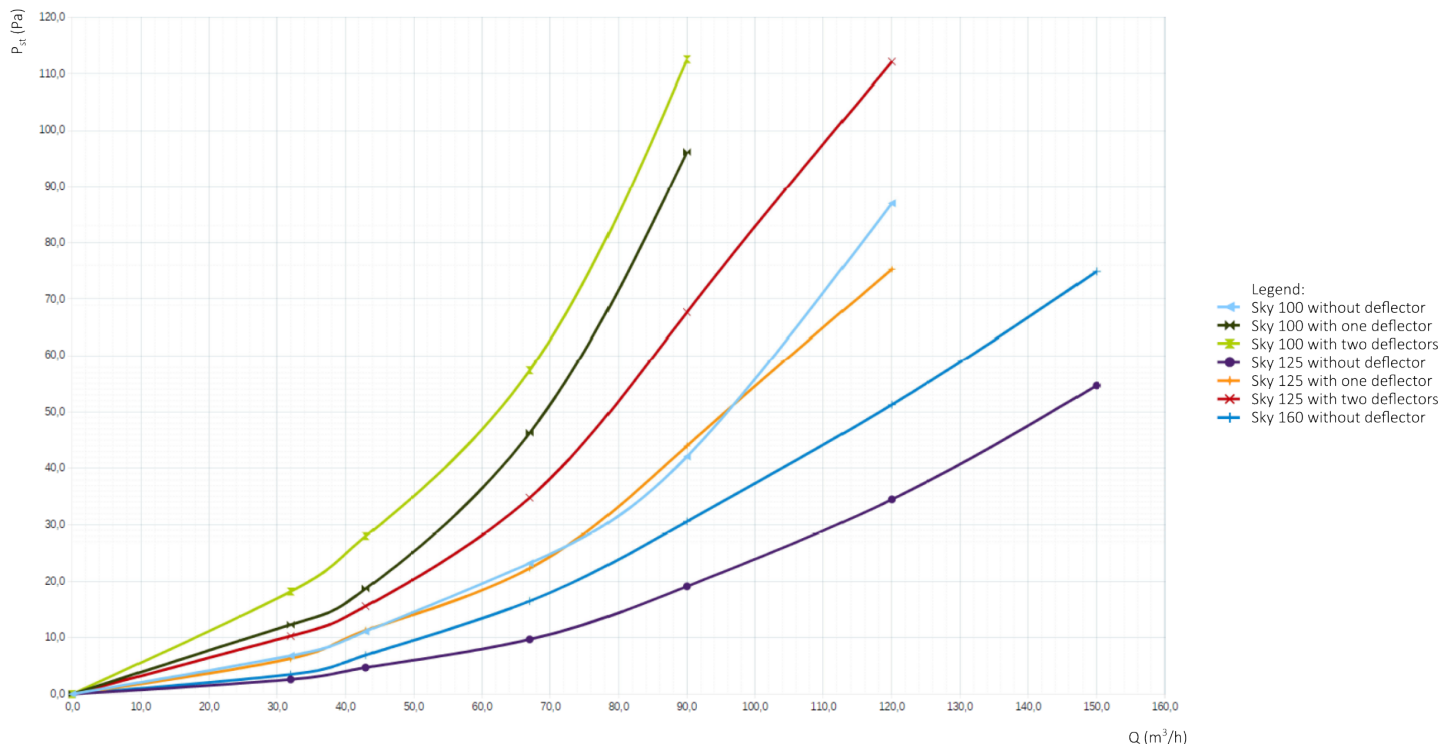
A:
 LS-G-XX-XX GLASS:
 LS-3G-XX-XX 3D GLASS:
 LS-P-XX-XX PLASTIC: 3-5 mm
 LS-W-XX-XX WOOD: 20 mm
 LS-C-XX-XX CONCRETE: 5-10 mm (+2 mm)

B:
 LS-XX-C-XX CIRCLE: D=200 mm
 LS-XX-Q-XX SQUARE: 200x200 mm

L:
 LR-S-100-X L=12 mm
 LR-S-125-X L=12 mm
 LR-S-160-X L=12 mm

Technical parameters:

Sizing diagram- static pressure drop, $\rho = 1,200 \text{ kg/m}^3$, according to ČSN EN ISO 5801



Accessories:

Deflector code: LP-D-95

Plastic Deflector for LUFTOMET Lumen and Sky is tool for directing air flow. With a wide angle of 95°, this little helper can deflect air to avoid uncomfortable gusts and decrease airflow in certain situations. The deflector is easily installed between the design plate and mounting frame using two thorns, and is completely removable for your convenience. Multiple deflectors can also be mounted on one frame (watch pressure loss graph).

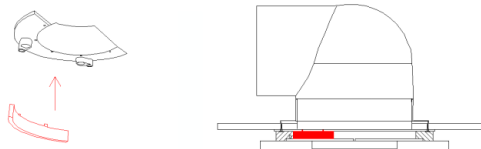
Sizes: 95° suitable for Sky and Lumen 100, 125 mm

Color: white or black

Material: PETG

Code: LP-D-95-W (white)

LP-D-95-B (black)



Air Flow Controller

This device helps to reduce ducting noise and regulate airflow at the duct outlet. The segmented ring can be rotated or removed to adjust for optimal performance. Simply insert it into the duct above the mounting frame. The adjustment consists in the smooth rotation of the control plate relative to the damping element, in which there are through holes. If you want to achieve maximum air flow, the damper is equipped with additional through-holes intended for disassembly by the user.

Material: Disc a) damping element made of soft acoustic polyurethane foam PUR with excellent damping properties, coated on one side with a protective film

Disc b) control plate made of rigid polyethylene PE foam

Code: LP-R-100

LP-R-125

LP-R-160

