







## **ORION-OPUS**

- Removable front panel
- Flush mounting
- Suitable for a range of ceiling systems
- Data provided with Luna plenum boxinstalled
- Box lined with sound absorber in polyester

APPLICATION

# **ORION-OPUS**

Orion-Opus is a square supply diffuser for installation in modular ceiling systems. The unit offers excellent induction, and is suitable for both constant and variable air flow rates.

### Design

Orion-Opus features a removable front panel with Opus nozzles, and is available with 4 different nozzle settings: rotational, 1-way, 2-way 180° or 2-way 90°. Please see order code and fig.3. Furthermore, the unit is equipped with a TA flange suitable for T-profile ceiling systems, but is also available with alternative flange designs, type: DC, DG, DS and EK (see fig. 2 and order code).

The diffusor front can be supplied with integrated motion sensor.

Product sheet for motion sensor can be found on our website: www.trox.no

#### ORION-OPUS WITH LUNA PLENUM BOX

The Luna plenum box is recommended for improved sound attenuation, and works as an adjustment and measurement unit. Luna is a rectangular box fitted with a removable damper which provides access to the connecting duct. The damper can be secured in any position required.

#### Design

Luna plenum box features a damper and measuring outlet for commissioning. It is insulated with a sound absorber in polyester and is available with one or two dimensional changes between inlet and outlet. Furthermore, the box can be delivered with external condensation insulation. A low-profile design [UI] is also available, and for this type a reduction in capacity of approx. 20% will apply. The distance between valve and box can be increased by up to 35 cm without extending the wire and measuring tube.

DESCRIPTION

#### **ORION-OPUS**

#### Materials and surface coating

The front panel, ceiling plate and valve body are in a steel design, and the connection collar is fitted with an EPDM rubber gasket. Opus nozzles at the front and corner connection points are in plastic. Connection points are fitted with holding magnets. All internal and external valve elements are in a RAL 9003 - gloss 30 finish. Other colours are available on request.

## ORION-OPUS WITH LUNA PLENUM BOX

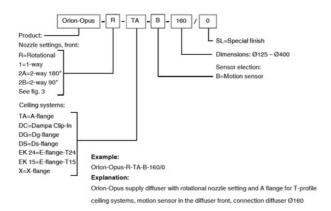
#### Materials and surfaces

Luna is supplied in a galvanised finish, and with all four internal walls lined with sound absorber in polyester. Equipped with EPDM rubber gasket on connection collar.

INSTALLATION

Orion-Opus can be installed in a range of modular ceiling systems as well as in fixed ceilings, see fig. 7. If a Luna plenum box is used, the unit is attached to the rear of the support bracket by means of threaded rod or strap (fig. 8).

## **TEKNISK INFORMATION**



Product:

Dim. outlet: Ø125 – Ø400

UI = Outlet installed, | Dim. inlet: Ø125 – Ø315

low profile design | I = External condensing insulation |

Example:

Luna-0-0-125-160

Explanation:

Luna with inlet Ø125 and outlet Ø160.

# QUICK SELECTION

Orion-Opus Dim.	Luna	[m <sup>2</sup> /h]			
	Dim.	25 dB(A)	30 dB(A)	35 dB(A)	
125	100-125	61	90	119	
	125-125	79	104	133	
160	100-160	61	97	130	
	125-160	83	126	184	
	160-160	122	148	180	
200	125-200	76	137	216	
	160-200	151	198	266	
	200-200	184	223	270	
250	160-250	137	216	320	
	200-250	216	277	353	
	250-250	266	324	396	
315	200-315	227	320	439	
	250-315	324	396	500	
	315-315	382	443	526	
400	250-400	336	432	576	
	315-400	450	536	641	

# QUICK SELECTION

Orion-Opus Dim.			
	25 dB(A)	30 dB(A)	35 dB(A)
125	119	148	180
160	166	202	245
200	223	270	328
250	313	378	457
315	425	504	601
400	544	644	763