

► Air terminal devices ►►



The clean solution!

PURELINE slot diffuser

TROX[®] TECHNIK
The art of handling air

► PURELINE slot diffuser ►►

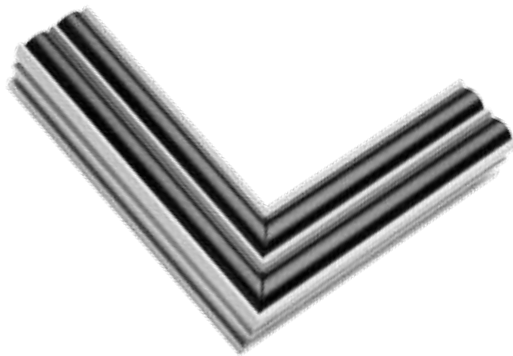
Unobtrusive

The new PURELINE slot diffusers are neat devices that blend in perfectly with any ceiling.

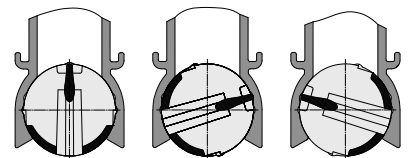
Versatile

Adjustable air discharge – horizontal, angled or even vertical – makes the diffusers a versatile option for many applications, such as to provide an air curtain to protect fresh food counters. Each of the new air control elements can in fact be set individually.

Whether continuous linear arrangement or corner sections: PURELINE fits



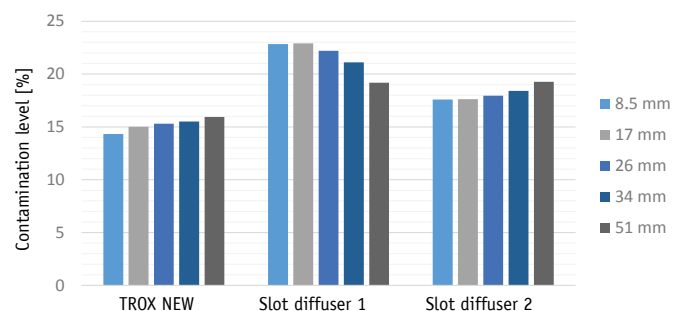
Different air patterns



Clean

As a big plus, there is less contamination of the ceiling with the new PURELINE slot diffusers. This has been tested on a dedicated test rig of RWTH Aachen University, where a standard dust (ASHRAE) was used to compare the contamination caused by different types of diffusers. PURELINE came out as the cleanest slot diffuser by far.

RWTHAACHEN
UNIVERSITY



Diffusers of different widths, contamination levels



► Clean, quiet, effective ►►

Variable

PURELINE diffusers are currently available with one or more slots of 18 mm or 35 mm, lending themselves to a wide variety of applications. An aluminium frame (choice of different frames) can be added if required. Continuous linear arrangement is also possible.



*Different sizes and diffuser faces
with several slots*

Advantages at a glance

- Less contamination of the ceiling due to intelligent air discharge
- For many applications
- Adjustable supply air discharge, various setting options for air control elements
- Excellent acoustic properties, large volume flow rate range
- Vertical air discharge for air curtains to protect room zones
- High induction results in a rapid reduction of the temperature difference
- Easy installation, no tools required for diffuser face fixing



*Slot sections and plenum box
can be of different lengths*



➤ 13 – 710 m³/h · 4 – 197 l/s
◀▶ PL18: 600 – 2000 mm
PL35: 600 – 1950 mm

You'll find more applications
and technical details at
www.troxtechnik.com



TROX[®] TECHNİK

The art of handling air

TROX GmbH
Heinrich-Trox-Platz
47504 Neukirchen-Vluyn
Phone +49(0)2845 2020
Fax +49(0)2845 202265
www.troxtechnik.com
trox@trox.de