



BOXTHERM thermo acoustic plenum box for diffusers



MADEL®

BOXTHERM plenums are designed for mounting in diffusers in air conditioning installations and connection in flexible circular duct. The maximum operating temperature is 55 ° C in air supply. These plenums are suitable for diffusers series **AXO**, **RXO**, **PLAY**, **OTO** and **NEX**.

The plenums **BOXTHERM** are made of expanded polystyrene (EPS), material that acts as thermal and acoustic insulation.

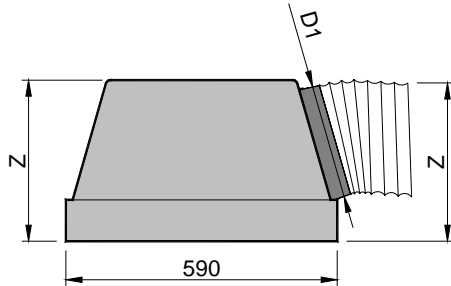
With a thickness of 22 mm and a transmission coefficient of 0.0297 w/mk, thermal insulation of these plenums complies with the thermal insulation specifications.

The insulation of the plenum **BOXTHERM** reduces between 2 and 3 dB(A) the acoustic power, respect to a metallic plenum box.

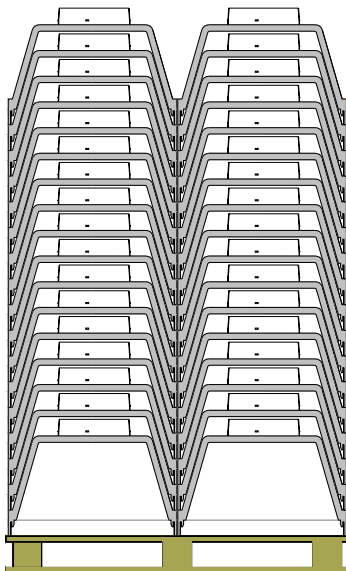
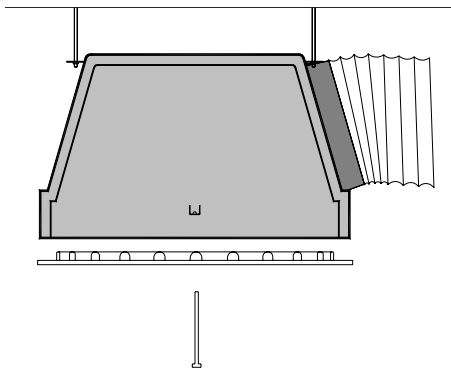
BOXTHERM plenums, with pyramidal shape, are stackable to save space in its transport and storage.

Thanks to a reduced weight of 1,7 kg the **BOXTHERM** plenum facilitates its handling and installation.

BOXTHERM...-R



| | Z | D1 |
|----------------------|-----|-----|
| BOXTHERM 600-DIAM250 | 350 | 248 |
| BOXTHERM 600-DIAM200 | 300 | 198 |



EuroPalet 1200 x 800 x h=2000

34 un. BOXTHERM

CLASSIFICATION

BOXTHERM Plenum box thermo acoustically insulated with a lateral circular connection.
...-R Plenum box with a flow damper in the spigot.

MATERIAL

Plenum box made of expanded polystyrene (EPS) of dark grey colour and connecting neck in polypropylene (flame retardant).
 This plenum complies with the fire reaction specifications DIN 4102 Part 1 B1. and the neck with the V0 (UL94) norm.

FIXING SYSTEMS

Fixing to the diffuser by means of central screw and connection in flexible circular duct.
 The plenum box includes supports to hang from the ceiling.

SPECIFICATION TEXT

Supply and mounting of stackable pyramidal plenum box, thermo acoustically insulated with a lateral circular connection, **BOXTHERM**, with supports to hang from the ceiling. Made of expanded polystyrene. Manufacturer **MADEL**.