Combined flexible air ducts









COMBI combined flexible air ducts — solid and strong air ducts for wide ranges of applications. The ducts consists of multy layers of aluminium foil, polyester and PVC foil with steel spiral frame.

Application

- for ventilation and air conditioning of residential and public premises.

Advantages

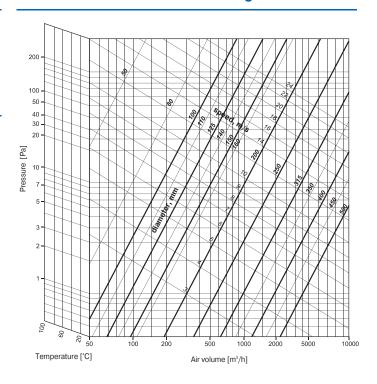
Compared with PVC duct:

- High temperature resistance
- Non-combustible, fire safety class M0 (up to 250°C) or M1 (up to 150°C)
- Less of smoke in case of fire

Compared with duct made of aluminum foil:

- High tear resistance
- Better mechanical protection
- Leakproof and resistant to expansion and deformation

Pressure loss diagram



Technical data

Available sizes

Material, inner layer

Materil, outer layer

Temperature range

Standard length

Max air flow speed

Operating pressure (max)

Order code

ø 102, 127, 152 mm

aluminium foil laminated by polyester

PVC

-30 ... + 250°C (M0) or -30...+150 (M1)

1 / 1,5 / 2,5 / 3 / 6 / 10 m

30 m/s

3000 Pa

Polyvent 665-COMBI-fire safety class (M0 or M1) / diameter / length

Example: Polyvent 665-COMBI-M0/152/3

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