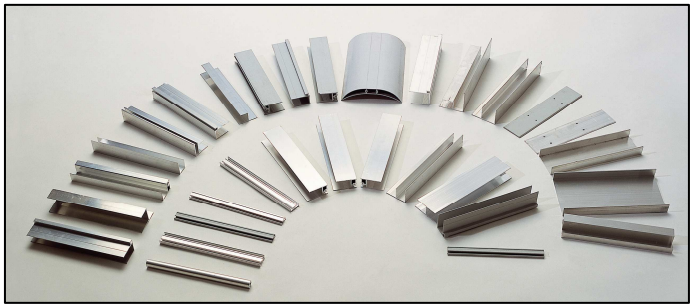
# ALUMINIUM PROFILES

## DESCRIPTION

The aluminium profiles are used for the connection of the various elements that constitute the air distribution installation granting a perfect joint.



## TECHNICAL CHARACTERISTICS

| | |
|---|---|
| Type of aluminium | extruded 6060/T6 |
| Length of the profiles | 4 m |
| Thickness of the profiles | 21/30 mm |
| Thickness of the aluminium | 14/10 |

Specific profiles have been designed to satisfy any installation requirements:
- The U profile is used, in combination with corners, as finish of the duct to hide the polyurethane foam. It is moreover used as eventual support for the installation of grilles and diffusers.
- The F profile is mainly used to join the duct to the air handling unit, the volume control and fire dampers and the flexible duct connectors.
- The Flange can be of two types: with external or invisible slide-in-channel. In both cases it is used in combination with ALP gasket (that assures the installation a perfect air tightness) to join the ducts.
- The profile for Grille, which is provided with a special wing, is used for the installation of grilles and diffusers.
- The Profile for Screen is endowed with a particular housing to embed bird-proof screens to create supply and return air ducts.
- The Profile for Filter is used to lodge eventual filtering cells inside the duct.
- The H Profile and the Double F Profile are employed to join panels when big section ducts have to be fabricated.
- The Chair Profile is used to create eventual inspection portholes.
- The Profile for Branches is utilized to join secondary ducts (that are installed perpendicular to the main duct).

Last updating 17/06/2009



ALP S.R.L.
Via Vezze, 62 - 24050 Calcinate (BG) - Italy
Tel. +39 035 44 23 600 - Fax +39 035 44 23 601 - alp@alp.it - www.alp.it