

Your air. We care.

# Luwair P



Sandwich panel housing for centralized air treatment systems for textile and nonwoven applications

**Luwa**

A Division of the Zellweger Luwa Group

# Luwair P – flexible, economical

Luwair P is a system of wall and ceiling elements (insulating panels) and galvanized supporting profiles. It is a flexible, economical and technically interesting alternative for the walls of a centralized air treatment system.

## Features

- Luwair P is the modern alternative for the execution of walls, instead of masonry, of a centralized air treatment system
- It is perfectly airtight and has the required excellent thermal and acoustic insulation
- The supporting elements are bolted together with variable connection elements, thus allowing maximum flexibility
- The fixing of the panels to the supporting construction is achieved by stainless, self-cutting screws
- The cutting edges and the external and internal corners of the panels are covered with sheet profiles of the same colour
- Lockable and airtight steel door (also with inspection glass) with lever lock



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## Advantages

- Can be used as housing or as partition wall, adapted to individual production factors and space availability; almost any shape variant can be achieved, without depending on the building structure
- Particularly advantageous for installation while production is running
- Low-cost execution by using commercially available panels, assembly rails and connecting elements
- Reduction of the expenditures for planning and implementation
- Short installation time thanks to the use of particularly assembly-friendly connecting elements for the supporting construction and the panel fixing

## Options

- Execution with fire prevention (e. g. F-90)
- Available in stainless steel, for outside installation, or for special requirements

## Technical data

### Insulating panels

Covering boards of galvanized sheet steel as per DIN EN 10 147

Sheet thicknesses 0.63 mm/0.50 mm

Standard coating with Polyflex 25 (SP)

in colour RAL 9002 (greywhite), other colours on request

Core wall of high-resistance PU foam, free of FCKW, of low flammability

### Supporting construction and connection elements

Material 1.0242 as per EN 10 147, sendzimir-galvanized