

PrimoFront Classic

Casing for the PRIMO perimeter wall system



- ▶ The casing consists of a bench top, electrical trunking, brackets and front covers.
- ▶ The sockets are mounted in pattresses in the electrical trunking, normally placed in the centre of a PRIMO unit. In this position they cannot obstruct the interior walls. Positions can be decided after the electrical trunking has been installed. In this way it's easy to position the sockets according to the user's wishes.
- ▶ PRIMOFRONT Classic's modular design makes it possible to decide the position of the interior walls at a later stage. It is also easy to modify the existing room arrangement without too much work.
- ▶ Building tolerances are not a problem. PRIMOFRONT Classic is designed to compensate for these between each interior wall.
- ▶ The appearance of PRIMOFRONT Classic can be varied within an extensive range including its colour, top's edging and the height of the front and electrical trunking.



Key figures

- Sizes: Project specific dimensions.
Depth: Min 197 mm.
Colour: White NCS 0500-N or according to the specification.

Swegon

PrimoFront Classic

- Visible sockets in the electrical trunking
- Free positioning of interior walls
- Free socket positioning

Functions

- Casing for Swegon Primo perimeter wall system.
- Electrical ducting in wood or aluminium.
- Space for electrical, telecommunications and data outlet sockets, etc.
- Screened electrical trunking (optional extra).

Application

New buildings, extension and refurbishment of:

- Offices
- Conference rooms
- Banks
- Hotels

Function

PRIMOFRONT Classic complete casing including electrical trunking. Combined with the Swegon PRIMO perimeter wall system, it forms an installation covering the perimeter wall that offers ventilation, heating, cooling, control and electrical trunking.

Design

Fibre board with high pressure laminate on visible parts and cross laminated at the rear. White standard colour (equivalent to NCS 0500-N) The design is also available within an extensive range with regard to colour, wood finish and dimensions. All covers are fitted with fittings for easy assembly and dismantling.

Bench tops and front covers

The bench top has a round or square edge as standard. The front covers are designed with fittings for easy assembly and dismantling. A variant is also available with sliding front covers. Contact your Swegon sales offices for further information.

Electrical trunking

The electrical trunking designed with fibre board has cable channels with punched holes c-c 300 mm fitted for the routing of cables. The electrical trunking is S and CE-marked and completely free of PVC plastic. Sockets are fitted in pattresses mounted in the faceplate in the electrical trunking. Electrical trunking in aluminium type Thorsman INKA is supplied as standard without cable shelves. Cable shelves and other fittings for the electrical trunking are usually supplied and installed by the electrician. The trunking is designed with an earth track, which facilitates the shielding of electrical fields.

When ordering the electrical trunking space for the room sensor/controller box should be noted.

Mounting rail

Heavy duty steel section for suspending the front covers. The covers can be adjusted sideways. They are assembled and dismantled without tools.

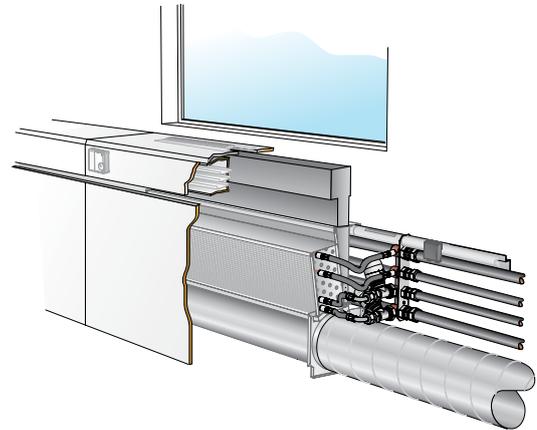


Figure 1. PrimoFront Classic



Figure 2. PrimoFront Classic with electrical trunking in laminated board.



Figure 3. PrimoFront Classic with electrical trunking in aluminium type Inka 161-2.

Standar models

PrimoFront Classic

To be positioned between two partition walls at a distance specified by the client.

Bench top

18 mm thick and rounded or straight front edge. See Figure 5. The depth of the top is adapted to the size of the PRIMO unit, however the minimum depth is 200 mm.

Front panel

Adapted to the unit height in question.

Electrical trunking

Electrical trunking in laminated board depth $D = 90$ mm, height $H = 195$ mm with 4 or 5 cable channels.

Electrical trunking in aluminium type INKA 161-2 depth $D = 72$ mm with 2 cable channels Height $H = 161$ mm. Supplemented with additional cable shelves by an electrician.

Design

High-pressure laminate, white NCS 0500-N.

Grille

Different types of grilles are available as accessories for PrimoFront Classic. Figure 4 shows a type PrimoFlex adjustable grille. Please contact your closest Swegon sales offices for other designs.



Figure 4. PrimoFlex.



Figure 5. Bench profiles.

A = Profile 18 x 6 mm with slightly bevelled edges.

B = Profile 18 x 18 mm with 10 mm radius.

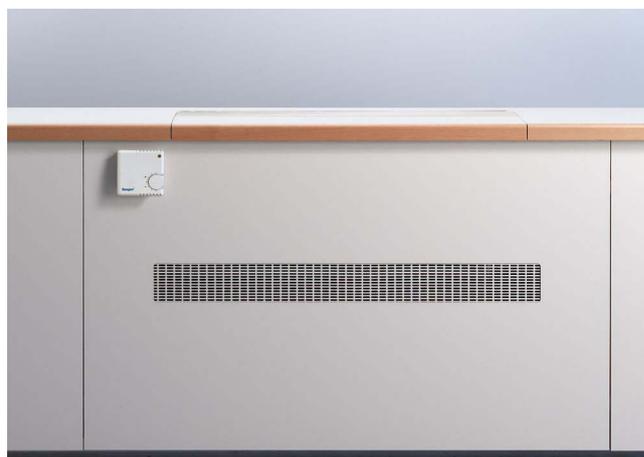


Figure 6. Front cover with perforated face for circulation air with the minimum depth measurement.

PrimoFront Classic

Objekt adaptation

Special types

At times the basic design needs to be adapted in one or more ways to match individual installations. The casing can be varied within broad limits without losing the advantages of the basic design.

Colours and/or patterns: State the required colour or pattern in accordance with the stated manufacturer's colour charts.

Bench top

Straight front edge with laminate or wood edging in, e.g. beech or oak. Specify profile A or B according to Figure 5.

The bench top can also be made deeper for notching in the window recess.

Electrical trunking

In addition to the stated designs, the PRIMO installation can be adapted to most electrical trunking available on the market. State the brand and type.

Front cover

Adapted to the unit height in question. In design depths of 200 mm the front cover features a perforated section for the return air, see picture 6.

Sound insulation

Specified when the electrical trunking passes continuously through an interior wall. Contact Swegon for options.

Figure 7

Solution for interior wall connection on installations where the electrical trunking and bench top run along the entire perimeter wall. The position of the interior wall is decided after the installation of the PRIMO system, electrical trunking, bench top and mounting rail. Also see "Recommended sequence for installation".

Recommended sequence for installation

1. Install the PRIMO system.
2. Install the brackets.
3. Install the electrical trunking and bench top.
4. Install the interior walls.
5. Fit the fronts.

NOTE: Electrical cables and sockets are installed after point 3.

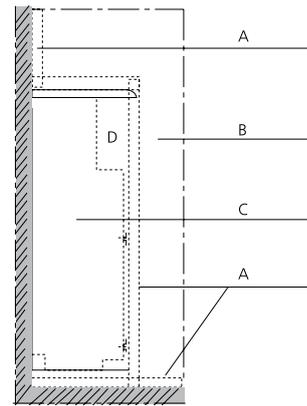


Figure 7. Wall penetration.

- A=Steel beams
- B=Plasterboard wall
- C=Wall block
- D=Electrical trunking

Dimensions

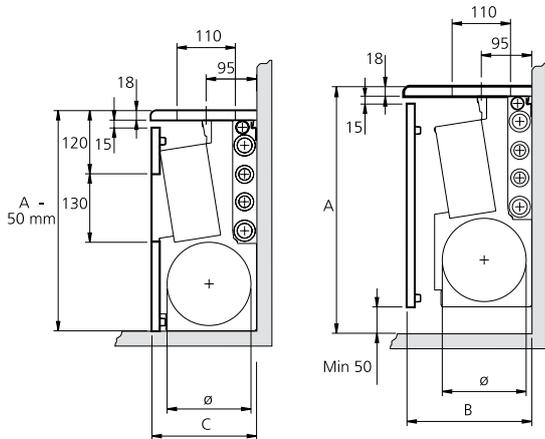


Figure 8. PrimoFront Classic for low unit heights.

Ø	A	B	C
125	433	235	197
160	468	235	197
200	518	275	234

For non exposed tolerances +5/-0 applies.

Front grille format, 130 x unit length, where the free area is at least 48.7%.

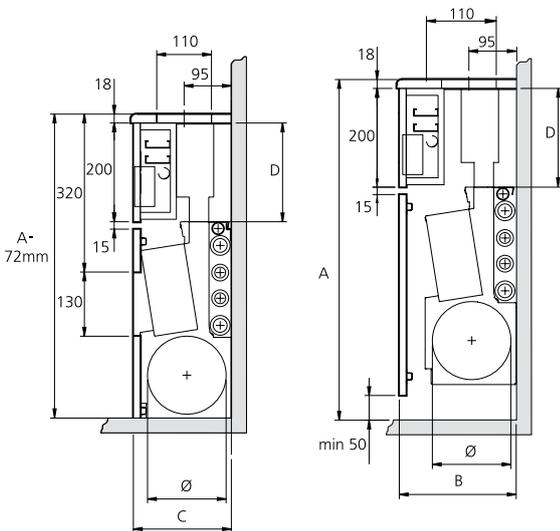


Figure 9. PrimoFront Classic.

Ø	A	B	C	D
125	655	235	197	150-200
160	690	235	197	150-200
200	740	275	234	150-200

For non exposed tolerances +5/-0 applies.

Front grille format, 130 x unit length, where the free area is at least 48.7%. Dimension A where D=200 mm.

Specifikation

Complete casing of Swegon type PrimoFront Classic, manufactured of laminated board with high-pressure laminate at the front and cross laminate at the rear. Electrical trunking of laminated wood or aluminium is supplied with the casing.

Casing

PrimoFront Classic

Colour:

- 1 = White NCS 0500-N
- 2 = Beech
- 3 = Oak
- 4 = Ash
- 5 = Birch
- 6 = As per additional specification

Bench top type:

- 1 = Laminate
- 2 = Laminate with wooden edging
- 3 = Homogeneous board
- 4 = As per additional specification

Edge profile bench board:

- 1 = Laminate
- 2 = Bench (wooden strip)
- 3 = Oak (wooden strip)
- 4 = Ash (wooden strip)
- 5 = Birch (wooden strip)
- 6 = As per additional specification

Front edge profile bench top:

- A = Straight front edge
- B = Rounded front edge

Electrical trunking

- 1 = Electrical trunking in wood, 195 mm high, 4 or 5 cable channels
- 2 = Thorsman electrical trunking INKA 161-2
- 3 = As per specification, state manufacturer and type