

Complete Perimeter wall system



PRIMO

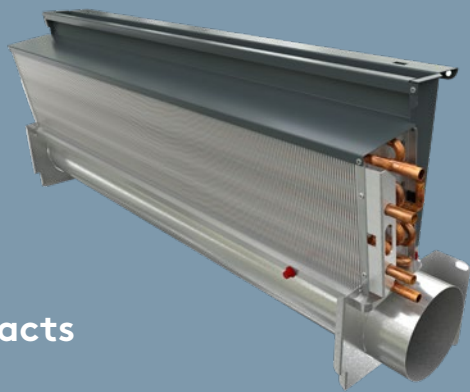
Active air conditioning system for ventilation, heating and cooling for location along a perimeter wall

Swegon 

Ventilation, cooling and heating in a complete system!

In many ways the perimeter wall system Primo represents a completely new way to construct a perimeter wall system. Thanks to its modular design it matches considerably more environments and application areas than previous perimeter units. In terms of performance, PRIMO is better as it has a large increased capacity in terms of cooling, heating and air effect. PRIMO can equally well be installed in a new or existing ventilation system, which makes it the obvious choice when renovating or replacing old induction and mini-air units.





Quick facts

Capacity

Cooling, Water: max 1930 W
Heating, Water: max 2030 W
Heating, Electric: max 1000 W

Air flow

Up to 6-45 l/s

Pressure

150-300 Pa

Sizes

5 length alternatives 600-1600 mm
Height from 365 mm

Duct

Ø125, Ø160, Ø200 mm



Perimeter casing PrimoFront



Supply air grille PrimoFlex

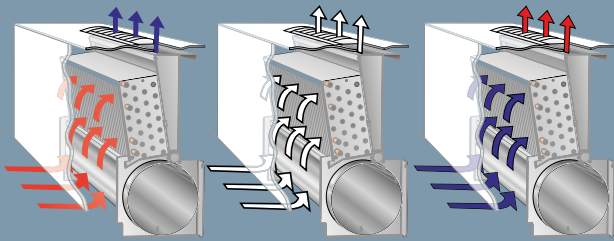
Maximal room comfort in a minimum of space

Despite its minimal space requirements, the system has all the functions that a modern air-conditioning system should have as good air quality without drafts or noise. The system is dry and has no moving parts.

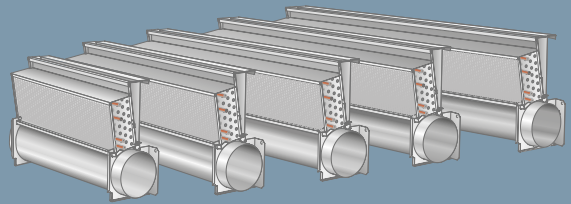
The system includes control equipment that provides a preset comfortable room temperature but which can also be regulated individually as needed.

Compact outer dimensions together with several different lengths to choose from provide great flexibility, saves space and makes PRIMO easy to place and easy to decorate with.





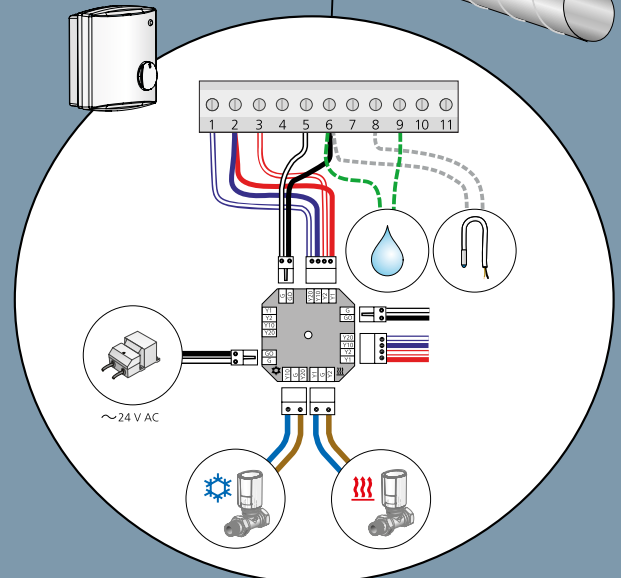
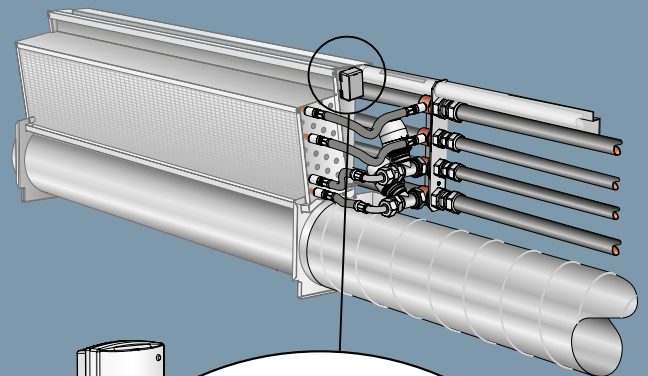
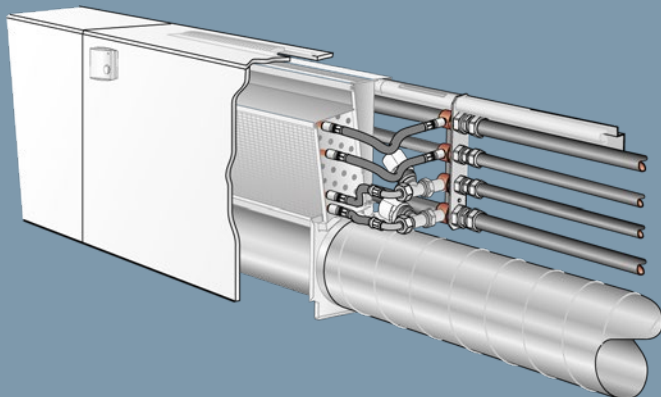
Cooling, heating and ventilation



5 lenght alternatives

Built-in control equipment

LUNA - environment control for indoor climate systems with water-based cooling and heating in new construction and refurbishment projects.



LUNAd MB

Is it time to replace your old facade system?

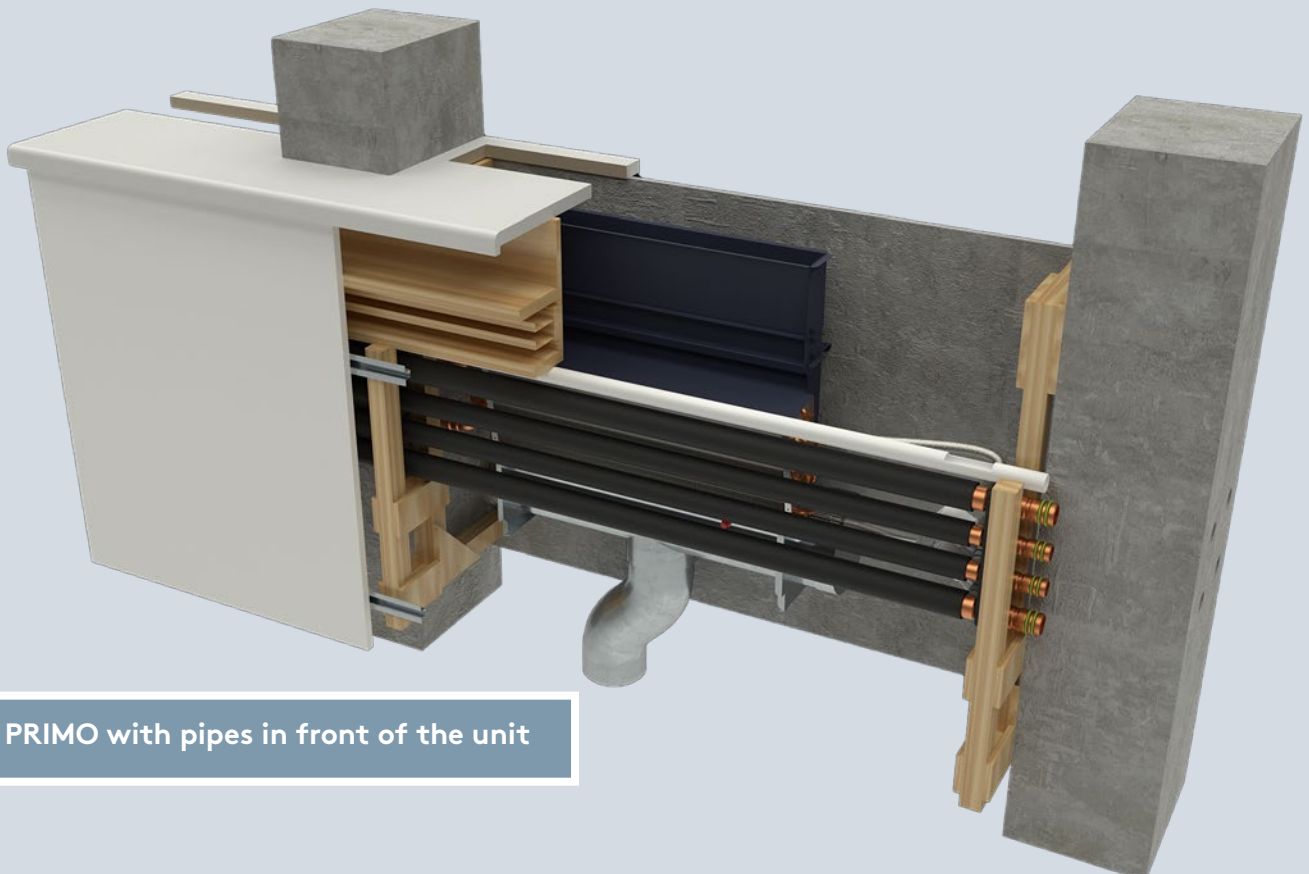
Behind the casing under the windows in your building, there may be older types of appliances that supply the offices with either heating and ventilation or with heating, ventilation and cooling.

These devices have certainly worked well for many years, but time goes by and the conditions change. The demands on comfort have increased, the heat loads in the rooms have increased and the demand for more air in the premises has also increased since the existing appliances were installed.

Why upgrade?

In addition to new installation, PRIMO is developed to be able to easily upgrade old facade systems. An upgrade is beneficial both in terms of reduced energy consumption and improved comfort in the premises.

PRIMO delivers higher cooling and heating power at lower duct pressures than older appliances, which reduces electricity consumption in the air handling unit. The increased power in combination with higher airflow, lower noise level and improved air distribution significantly improves comfort.



PRIMO with pipes in front of the unit

Why choose Swegon's solution?

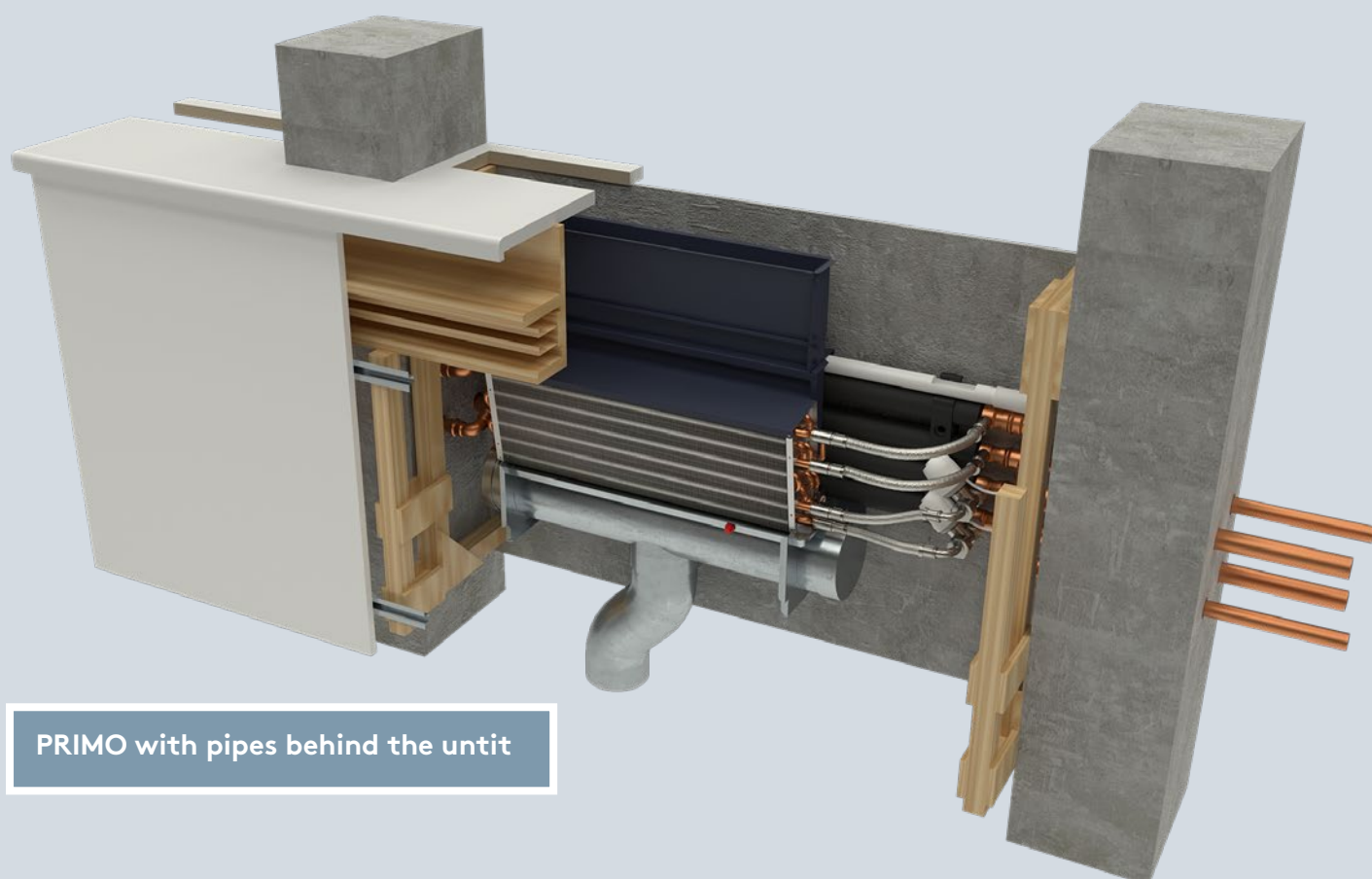
Swegon has developed accessories that are specially adapted to simplify installation in niches between existing pillars.

PRIMO with its compact construction dimensions and prefabricated solutions where main pipes for heating and cooling water can be placed either in front of or behind the appliances provides great flexibility to handle many types of facades. The system contains no moving parts or filters, which guarantees a minimum of maintenance.

The product can advantageously be equipped with Swegon's control equipment LUNA, which includes prefabricated cabling adapted to facade systems. In addition, there are a number of variants of casings to choose from which are customized to your requirements and current situation.

Advantages of replacing old devices

- Swegon has system solutions adapted to quick and easy replacement of existing facade devices
- Prefabricated details ensure time-efficient and quality-assured assembly
- Reduces energy consumption compared to older systems through high capacity at lower duct pressure
- Improved room climate compared to older systems through increased cooling capacity
- Improved comfort with significantly lower noise and more efficient control equipment



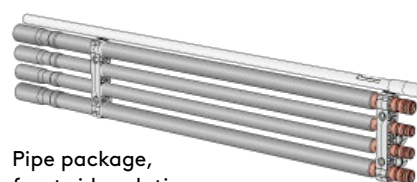
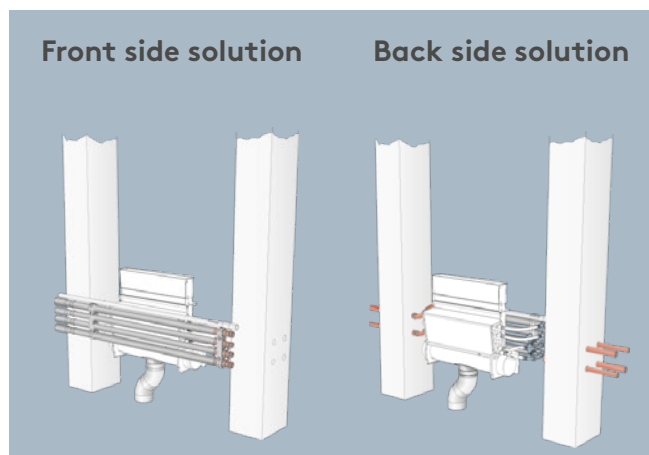
PRIMO with pipes behind the unit

Mounting options

The most suitable installation method depends on the type of facade system that has previously been installed in the building. In cases where the main were previously pulled through holes in the columns, assembly with the new main pipes placed behind the device is preferable. If there are no holes in the pillars, an installation with main pipes placed in front of the appliance is a better alternative.

Complete kit

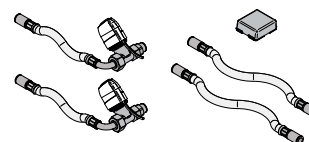
- Mounting rail for easy mounting of brackets and unit.
- Telescopic outlet air connection fitting for full height units. The telescopic outlet air connection fitting is required to get maximal performance from the product
- Flexible hoses (Ø 12) for connection between main pipes and coil. Available in different variants
- Connecting pipes for back side or front side main pipes, complete prefabricated main pipe package that includes insulated heating/cooling pipes, VP pipes for cabling and pipe brackets for wall mounting. The heating and cooling pipes have smooth pipe ends for easy connection to the site-built part of the main pipe loop. The pipe lengths will be factory customized based on the measurements between the pillars, (back side) or the c-c distance of the pillars (front side)
- Pillar bracket for easy fixing of the included console when mounting with the front stem pipe
- Complete package for ending of a main loop. Shut-off valves with clamp ring coupling and support sleeves for endings to the main pipe loop are included in the package



Pipe package, front side solution



Pillar bracket



Valve package

Name - Products and accessories

Product	Name	Description
PRIMO d (std)	PRIMO d xxx-B-R-125/100	(right-hand version)
PRIMO d	PRIMO d xxx-B-L-125/100	(left-hand version)
Telescopic outlet air connection fitting	PRIMO d T-OE-xxx	
Accessories -Front side solution	Name	Description
Mounting rail	PRIMO d T-MR-2400	L=2400 mm
Pipe package	PRIMO d T-PR-1200-1499	exact length = c-c pillar -15mm
Pipe package	PRIMO d T-PM-1200-1499	exact length = c-c pillar +35mm
Pipe package	PRIMO d T-PL-1200-1499	exact length - pillar width +10mm
Valve package	PRIMO d T-VS-B-300	
Pillar bracket	PRIMO d T-PB	
Accessories -Back side solution	Name	Description
Mounting rail	PRIMO d T-MR-2400	
Pipe package	PRIMO d T-PP-600-899	smooth pipe ends for press couplings, exact length = c-c pillar - pillar width - 165mm
Valve package	PRIMO d T-VS-B-300	



Polis department, Kronoberg, Stockholm - Sweden



The block Spektern, Stockholm - Sweden



Magnentus Building, Norrköping - Sweden

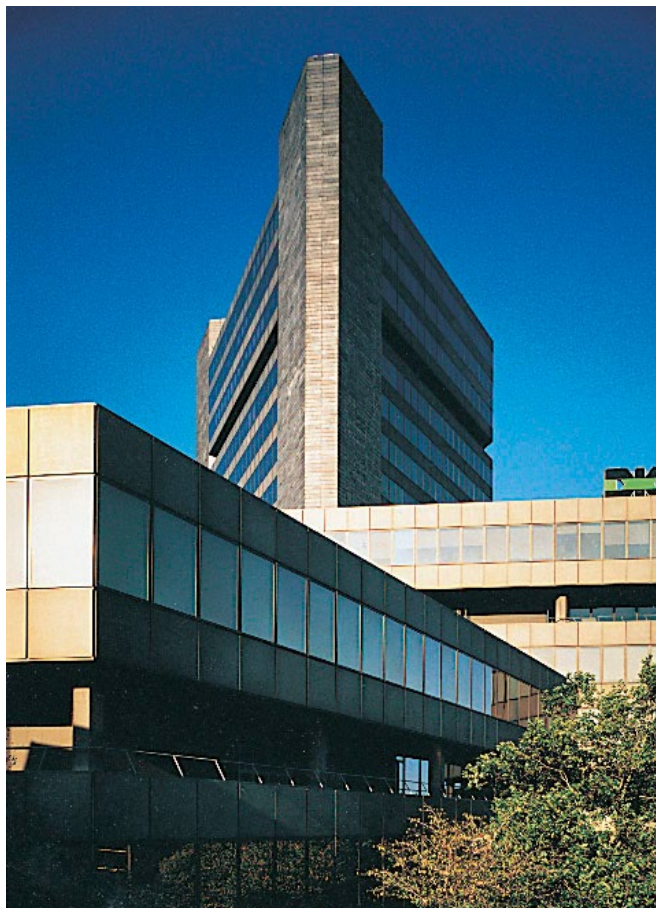


The block Storö, Stockholm - Sweden





Belgacom Towers, Brussels Belgium



DKV, Cologne Germany



Krakow Business Centre, Krakow Poland.



Office, Stockholm Sweden

Visit our website and
read more about PRIMO



www.swegon.com

Feel good **inside**

