



Accessories

Waterborne indoor climate solutions



Accessories



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Accessories

Please note that some of the accessories we present in this brochure are available as independent, separate accessory, in bigger packaging units but also integrated into a product e.g. as a plus feature an active chilled beam. Please check the individual product catalogue for more information, to safe installation time on site and ease up on-site installation and maintenance.

NB! The order codes in this document are for accessories only.

Regulation unit

Advanced regulation unit

With the Lindab Regula Duo/Combi regulation unit, all regulation can be handled in a single device.

Programmable terminals allows for thermal actuators, dampers, condensation guard, CO2 sensor, presence sensor and all other devices giving or receiving a 24V AC or 0-10V DC signal.

Regula Duo

The Regula Duo is a standard room temperature controller for 24V cooling and heating signal.



Regula Combi

The Regula Combi can be controlled and programmed locally in the display, or at a remote location by a EXOLINE or MODBUS communication system. Handles both 24V and 0-10V devices.



For further information, please see the Regula documentation.

Product code / Order code

[Regula Duo](#) / 884049

[Regula Combi](#) / 685800

Actuators

Water valve actuators

To provide optimal valve control, a Lindab actuator with non-halogen connection cable should be applied. Adapter rings ensures perfect fit for the most used brands on the marked.



The actuators can be supplied as a 24V AC or 0-10V DC actuator, Normally Open (NO) or Normally Closed (NC), to fit the specific situation.

To fit to a Lindab TTV/TTR valve an adaptor ring "Adapter VA 80" is needed.

For further information, please see the [Actuators](#) documentation.

Product code / Order code

A 40405 24 V on/off NC - 1m non-halogen cable, /684601

APR 40405 0-10 V mod. NC, 1m non-halogen cable, /686404

Adapter VA 80/642108.

Alternative versions available on request.

For APR 40405 different cable types/lenght available on request.

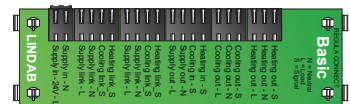
Regula Connect

Easy interconnection

The fastest and easiest way of connecting multiple chilled beams to a regulation unit, like the Regula Combi, is by using a integrated (pre-installed) connecting card or chilled beam. Choosing a connection card saves time on mounting and commissioning, while ensuring the possibility for an easy reconfiguring of the regulation system to fit future needs.

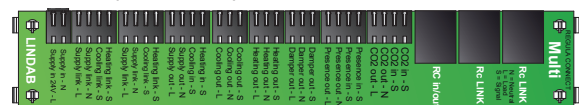
Regula Connect Basic

The basic connection card allows for connection of 24V or 0-10V actuators and power supply between the Regula Combi unit and the chilled beams. The onboard communication port allows for communication between a Regula Combi regulation unit and up to 10 chilled beams. Connectors for Modbus or Exoline communication are also available.



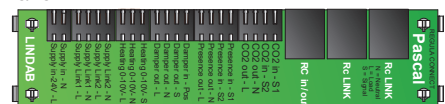
Regula Connect Multi

An advanced connection card, used in complex systems. The Regula Connect Multi features the same functions as Basic, but also damper control, presence and CO2 sensors.



Regula Connect Pascal

For an optimal VAV-solution, the Lindab Pascal system is an obvious choice. Please see the Lindab Pascal documentation for further information.



For further information, please see the Regula - What do I get?" documentation.

Product code / Order code

[Regula Connect](#) Basic card / 682087

[Regula Connect](#) Multi card / 682089

[Regula Connect](#) Pascal card / 649174

Accessories

Condensation Guard

Avoid moisture

To successfully avoid problems with condensation, the Regula Secura can be added to any waterborne product.

The easiest is to choose an integrated (pre-installed) Regula Secura for the chilled beam.



By a condensation sensor attached to the chilled water pipe, moist is effectively detected before becoming a condensation issue.

Regula Secura should be used in any environment where the risk of condensation may arise, due to big temperature differences, high levels of moisture in the air or the need of low temperature cooling water.

For further information, please see the Regula documentation.

Product code / Order code

[Regula Secura](#) / 642578

Presence sensor

Application specific presence sensor

The Lindab IR24-P presence sensor is an infrared motion detector, used to activate the comfort system, or to put it on standby.



Being a highly flexible unit, the IR24-P presence sensor can be adjusted in a number of ways, both in terms of sensor area and in terms of operation delays and output signal.

For further information, please see the Presence sensors documentation.

For products without link, we refer to the product search on [Regin's](#) website.

Product code / Order code

[IR24-P](#) / 646842

IR24-PC / 648144

External temperature sensor

Optimal sensor location

When choosing the location for mounting the Regula Combi, the optimal location for accessing the regulation unit may not be the optimal location for temperature measuring.



By applying the external temperature sensor to the regulation system, a whole new level of flexibility is gained, regarding the flexibility of the system layout.

For further information, please see the Temperature sensors documentation.

For products without link, we refer to the product search on [Regin's](#) website.

Product code / Order code

TG-R5/PT1000 for Regula Combi (wall) / 647887

TG-K3/PT1000 for Regula Combi (duct) / 646886

TG-A1/PT1000 for Regula Combi (clamp on) / 682084

[TG-K330](#) for Regula Duo (duct) / 645967

[TG-A130](#) for Regula Duo (clamp on) / 642613

[TG-R530](#) for Regula Duo (wall) / 642592

CO2 and Humidity Sensor

Top-of-the-line CO₂ measuring

With the Lindab CO₂ sensor, CO₂ levels as well as temperature and relative humidity can be measured for further processing in the Regula Combi. Thereby ensuring the best demand based regulation.



As a unique feature, the Lindab CO₂ sensor has a build-in automatic calibration facility, ensuring a precise output for years to come.

For further information, please see the the individual products.

For products without link, we refer to the product search on [Regin's](#) website.

Product code / Order code

[CTRT2-LB](#) sensor (wall) / 685237

[CTDT2](#) sensor (duct) / 685272

[CTRT2-D -LB](#) sensor (wall, display) /685238

[CO2RT-R-LB](#) sensor (wall) / 645965

CO2DT-R sensor (duct) / 646875

CTHR2-D (wall, display) /685240

CTHR2A-D (wall, display) /685239

HTDT2500

HTRT10A

HTRT10A-D

Accessories

Tectite fittings

All pipe connections done, in seconds.

Lindab can supply water pipe suitable for almost any way of connecting a chilled beam, radiant panel or facade unit to the main water circuit.



All our fittings are delivered complete with push-on fittings, ensuring an optimal result at a fraction of the time normally used to do the pipe connections.

Please contact Lindab for product details.

Product code / Order code

Tectite angle 10mm / 682079
 Tectite angle 12mm / 884014
 Tectite angle 15mm / 642596
 Tectite angle 22mm / 682080
 Tectite reduction straight 12x10mm / 642598
 Tectite reduction straight 15x12mm / 642599
 Tectite straight 10mm / 682081
 Tectite straight 12mm / 884050
 Tectite straight 12mm x 1/2" outer thread / 682082
 Tectite straight 12x1/2" inner thread / 884095
 Tectite straight 15mm / 642597
 Tectite straight 15mm x 1/2" outer thread / 642608
 Tectite straight 22mm / 642611
 Tectite T-pipe 22x15x22 / 642600
 Tectite T-pipe 28x15x28 / 642601
 Tectite demounting tool 10mm / 642609
 Tectite demounting tool 10mm small / 646880
 Tectite demounting tool 12mm / 884087
 Tectite demounting tool 12mm small / 646881
 Tectite demounting tool 15mm small / 646882
 Tectite demounting tool 22mm small / 646883
 Tectite demounting tool 28mm small / 646884
 Other available upon request

Aerator

Deaeration in the water circuit

If a waterborne unit is mounted in a location where issues with build up air may occur, applying an aerator is recommendable.



As our aerators come complete with push-on fittings, installation is done in mere seconds.

Product code / Order code

Aerator 12mm / 647690
 Aerator 15mm / 647691
 Aerator 22mm / 647693

Flexible hoses

A fast and easy way to connect the water circuit.

To ensure a simple commissioning of the water circuit, our flexible hoses can be used as means of connection.

All Lindab chilled beams and panels can be delivered with flexible hoses. As our flexible hoses are delivered with push-on connections, a simple and fast workflow during commissioning is ensured.



Flexible hoses also contribute to cancelling out vibrations that may occur in a water pipe system.

Product code / Order code

Flexible hose 0.4m push-on 12 and 12 mm / 680080
 Flexible hose 0.4m push-on 15 and 10 mm / 642484
 Flexible hose 0.4m push-on 15 and 12 mm / 642483
 Flexible hose 0.4m push-on 15 and 15 mm / 647480
 Flexible hose 0.4m straight ends 15 and 12 mm / 647481

Water valves

Lindab TTR and TTV water valves

The Lindab TTR and TTV 2-way valves should be used with all standard application chilled beams, radiant panels and facade units.



The TTR and TTV valves ensure easy and fast installation thanks to the simple yet effective push-on connections. Valves are delivered with 10/12 or 15 mm connections, as a straight (TTR) or angled (TTV) version.

For further information, please see the TTR/TTV water valves documentation.

Ballorex Dynamic

For application in systems where pressure alterations may occur, the Ballorex Dynamic ensures an easy and precise dynamic flow regulation. Fast installation thanks to the simple yet effective push-on connections.

Product code / Order code

[TTR-12](#) Thermostatic valve / 647832
[TTR-15](#) Thermostatic valve / 647833
[TTV-12](#) Thermostatic valve / 642077
[TTV-10-12](#) Thermostatic valve / 647835
 Ballorex Dynamic push-on 15 / 682474

Accessories

Mounting accessories

A solution to fit your building

Most of the Lindab chilled beams and radiant panels can be mounted either integrated into false ceiling, freehanging or mounted directly onto the ceiling.

Pendulum hangers or threaded rods can be delivered together with the chilled beams or radiant panels upon request, to ensure an easy mounting.



Product code / Order code

Pendulum 180-300 mm / 642480

Pendulum 540-1000 mm / 646742

Pendulum 1750-2000 mm / 653454

Threaded rod M6, M8 or M10x1000 mm on request

Transformer 24V AC - T-VA, F-VA

Transformer, 24V AC output

Single-phase short circuit proof safety isolating transformer designed and tested according to norm EN61558-2-6. Separate insulated windings moulded in self extinguishing Polyurethane.



For further information, please see the Transformer 24V AC documentation.

Product code / Order code

[Transformer T 35 VA](#) / 642640

[Transformer T 60 VA](#) / 642641

[Transformer T 75 VA](#) / 686014

[Transformer T 105 VA](#) / 686015

[Transformer T 150 VA](#) / 686016

[Transformer F 35 VA](#) / 642636

[Transformer F 105 VA](#) / 686025



Good Thinking

At Lindab, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction