

**Chiller**  
AIR-CONDITIONING

## Functional and innovative air-conditioning solutions

- customer-based product development
- easy to install and service
- can be integrated in various architectonic solutions
- stylish design

*LS-Large space blower*

# Water-Cooled **LS Large Space blower** with Flexible Installation

Blowing directions

**The LS large space blower series** has been developed for water-cooled Chillquick and Chillquick Light systems. The LS range provides excellent flexibility of installation and guarantees accurate room temperatures. The unit is available with either 2- or 3-way valves that are installed at the factory. The valve can be mounted inside the unit, which thus retains its stylish design. The device uses some of the same components as the BOX cassette fan coil. A pipe contractor, for example, can maintain the same connection logic between product families. The product is suitable for shops, IT facilities, control rooms, offices etc. The low sound level of the device is guaranteed with an excellent external-ring fan motor, which has been developed for Chiller Oy, does not require servicing and is equipped with ball bearings. The unit does not vibrate or emit noise, and its energy consumption is only a fraction compared with fan coils that are equipped with sleeve bearings. Both 2- or 4-pipe units are available.

## Select the direction of air blowing freely

Channel, blow under the floor, blow through soundproof chambers, suck air from below or behind it – you can order this product any way you want. Due to our excellent component logistics, the delivery time of a product with a standard route is less than one week from the logistics warehouse of Chiller Oy in Tuusula.

## Choose the material of the unit

The unit is manufactured from AIZ processed plate. Standard delivery is unpainted surface. If the customer wants, we can paint the unit. For facilities that require exceptional cleanliness and corrosion resistance, we can manufacture the unit of stainless steel plate.

## Control the unit with its own controllers

The electronic controller THT 310F-24V has three different functions: cooling, heating, and cooling/heating. The controller automatically adjusts the three speeds of the fan, as well as the valve. This controller can also be connected to radiators installed under the window, which will effectively prevent simultaneous heating and cooling.

The electronic wall controller THT 320F-24V has the same features as the THT310F controller, with additional adjustment of the dead zone and implementation of two different set points with an external message. Both controllers are visually identical, and they can be installed either onto the unit or on the wall of the room.



**LSU model with painted surface treatment, with chambers**



**LSU model, material stainless steel**

## Accessories



**LSH model, for ducting**



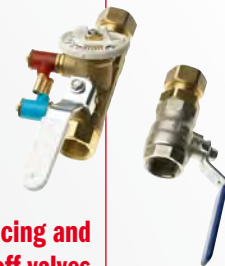
**Controllers THT  
310F and THT 320F**



**LSH model, with chambers**



**2- or 3-way  
valves**



**Balancing and  
shut-off valves**



**LSD model, blowing  
downward**

**Suction chamber**

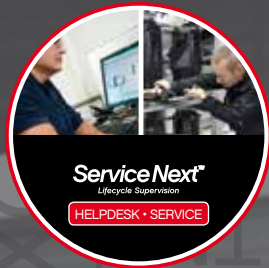


**Discharge chamber**



## Features

- 2- or 4 pipe solutions
- Blowing up- or downward
- Blowing horizontally
- Suction from the front
- Suction from the rear
- Suction from below
- Condensate tray, stainless steel
- 2-way valve
- 3-way valve
- All parts of the fan coil are made of aluminium
- Pipes are made of copper
- Low sound level
- Filter min. 50 mm thick
- External-ring fan motor with ball bearings
- Low energy consumption
- Unit's surfaces are available painted
- Material is stainless steel plate



# OUR SALES AND MAINTENANCE NETWORK AT YOUR SERVICE

*Chiller Oy is one of Europe's leading manufacturers of energy-efficient and optimized air-conditioning solutions. Design and service are always based on the customers' specific requirements. For more information, please contact our head office or foreign business partners.*

► Read more: [www.chiller.fi](http://www.chiller.fi)

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**ServiceNext™**  
Overall Concept