CRYO-FALL

FUNCTION DESCRIPTION

CRYO-FALL is a shower system for ultimate cooling. This waterfall shower creates a revitalising massage effect with a powerful jet of water that falls onto the body like a waterfall. It gives the user the feeling to briefly submerge in a cold tub. This type of cooling promotes blood circulation and gives a feeling of vitality and freshness.

The system consists of a water tank, a control panel and a push button. The water tank is installed maintainable in a suspended ceiling. After switching on, the tank is first rinsed with water for hygienic reasons. Then it is automatically filled with cold tap water and is ready for use. After pressing a button, a pneumatic valve opens and the cold water from the tank pours down on the shower user with great force for an adjustable period of time through a large outlet opening. When the system is switched off, the storage tank empties completely to prevent stagnant water.

- Innovative shower system for ultimate cooling
- Invigorating and refreshing
- Automatic operation with sophisticated hygiene concept
- Can be combined with other shower attractions (e.g. mist shower, rain shower)



SCOPE OF DELIVERY OF A COMPLETE PACKAGE

CONTROL PANEL



Fig.: without light control

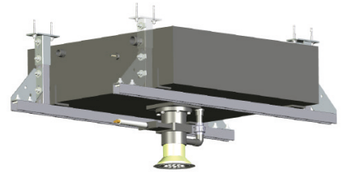
Control panel incl. listed parts, pre-tubed, pre-wired and pre-mounted on PP board grey - Part no. 31697:

- Controller with control board CB36 in housing
- 1 x supply cold water ¾“
- 1 x supply compressed air
- 1 x solenoid valve ¾“ for filling tank
- 1 x solenoid valve ⅛“ pneumatic
- 1 x pressure switch M10
- 10 m tube PE 6x1 for connection compressed air control panel / tank
- 2 m compressed air hose PVC
- 1 x power socket for compressor

TECHNICAL DATA

Electrical supply	100-240 V-AC, 50-60 Hz
Power supply	app. 700 – 1200 W (depending on compressor)
Water supply	1 x ¾“ cold
Dimension (W/H/D)	550 x 400 x 200 mm
Weight	app. 10 kg

WATER TANK



Water tank incl. listed parts pre-tubed - Part no. 31693:

- Tank 100l with filling and overflow connection
- Level switch
- Material: PVC dark grey
- Pneumatic slive valve D 90 mm
- Overflow D 25 mm and D 32 mm
- Water connection
- Water outlet funnel without water outlet element (to be ordered separately)
- Fixation material optional

TECHNICAL DATA

Dimension (L/W/H)	850 x 850 x 240 mm
Empty weight	app. 60 kg
Operational weight	app. 160 kg

WATER OUTLET



Outlet element - Part no. 31940:

- Perforated plate brass chrome-plated D130 mm with 4 screws for mounting (example photo without screws)
- Cover screen brass chrome-plated D 172 mm
- 4 x screw M5 x 12

PUSH BUTTON

- 1 x Push-button plate 1-fold stainless steel polished - Part no. 25942
- 1 x Bonnet 1-fold - Part no. 21030-1
- 1 x Cable set 1-fold button 7m - Part no. 30196

TO BE PROVIDED BY THE BUILDER

- Plants room for the installation of the control panel
- Space requirement for water tank in suspended celiling: min. L 1300 mm x W 90 0mm x H 550 mm
- Power supply
- Water supply cold ¾“
- Needed pressure: 2 bar dynamic
- Water consumption with system settings 5 seconds opening time/5 sec. lock time: app. 150 l/min
- Drain capacity: app. 160 l/min
- Drain in the plants room
- Tubing from control panel to tank

ACCESSORIES / OPTIONS

- Compressor
- Fastening material
- Insulation (according to project)
- Water outlet available in other finishes (e.g. gold plates, bronze optic, black, white ec.)
- Illumination
- Sound