



# DFU series

## Turnout gear drying cabins

“fast and soft uniform drying”

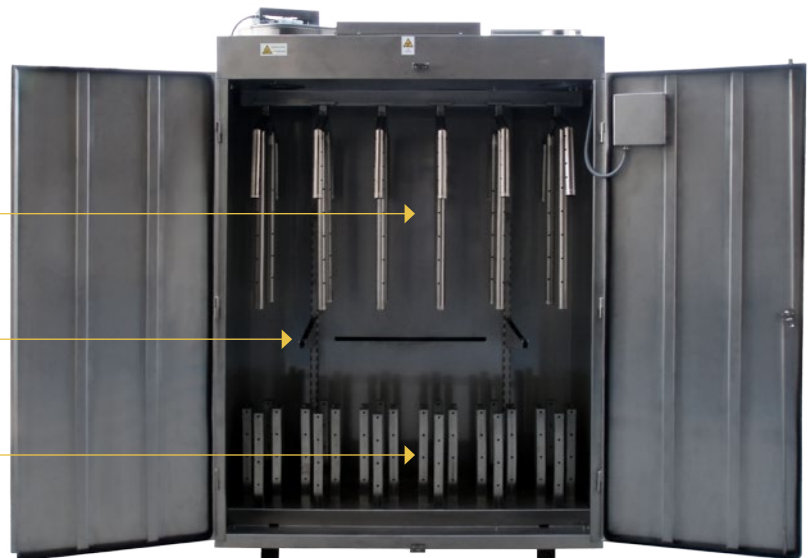
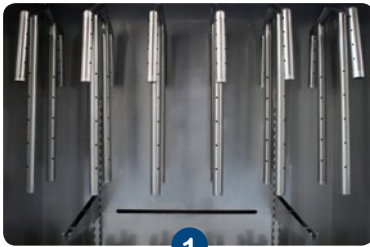
[www.fisair.com](http://www.fisair.com)



## Description

Drying cabins are designed exclusively for turnout gear in pursuit of the best and most efficient drying method while lengthening the useful life of the gear.

- Made from AISI-304 stainless steel for maximum corrosion resistance.
- Double-headed centrifugal fan providing a powerful air current.
- Controlled and directional air flow to ensure hot air reaches the inside of boots, trousers, jackets, gloves and varied clothing items.
- Automatic temperature control to prevent drying cabin temperatures from exceeding 40°C in compliance with standard NFPA-1851 for avoiding turnout gear damage.
- High drying capacity at very low maintenance costs.
- Large doors enabling easy access.
- Drying of up to 6 complete sets of turnout gear including jackets, trousers, boots and a wide range of clothing items/gear.



**1.**  
6 hangers for jackets and trousers made of AISI-304 stainless steel through which the hot air circulates. These pipes have calibrated vents for the optimal distribution of the hot air.

**2.**  
Drying shelf for other clothing items and/or a wide range of gear.

**3.**  
6 extras for boots and gloves, each of which is composed of 6 AISI-304 stainless steel pipes through which hot air is circulated. These pipes have calibrated vents especially designed for the optimal distribution of the hot air.

## Data chart and external dimensions

- Load capacity per hanger: 16 kg (1 hanger) – 96 kg (6 hangers)  
1 hanger = 1 pair of trousers + 1 jacket
- Drying capacity (\*): 105 g/min
- Drying time (\*): 60 min.
- Installed heater capacity: 12 kw
- Energy consumption/kg water dried (\*): 0.75 kWh/kg
- Hot air current: 2000 m<sup>3</sup>/h
- Extracted air current: ≤ 500 m<sup>3</sup>/h
- Extracted air available pressure: 100 Pa
- Sound pressure level: 65 dB(A)
- Approximate weight: 250 kg
- Connection: 400V/III+N/50 Hz

(\* for a 32 kg load,  
a 60 minute drying programme  
and a 15 minute cooling cycle.



### SIMPLE AND LOGICAL CONTROL OF WORKING MODES

#### 1°) Drying function: (F1)

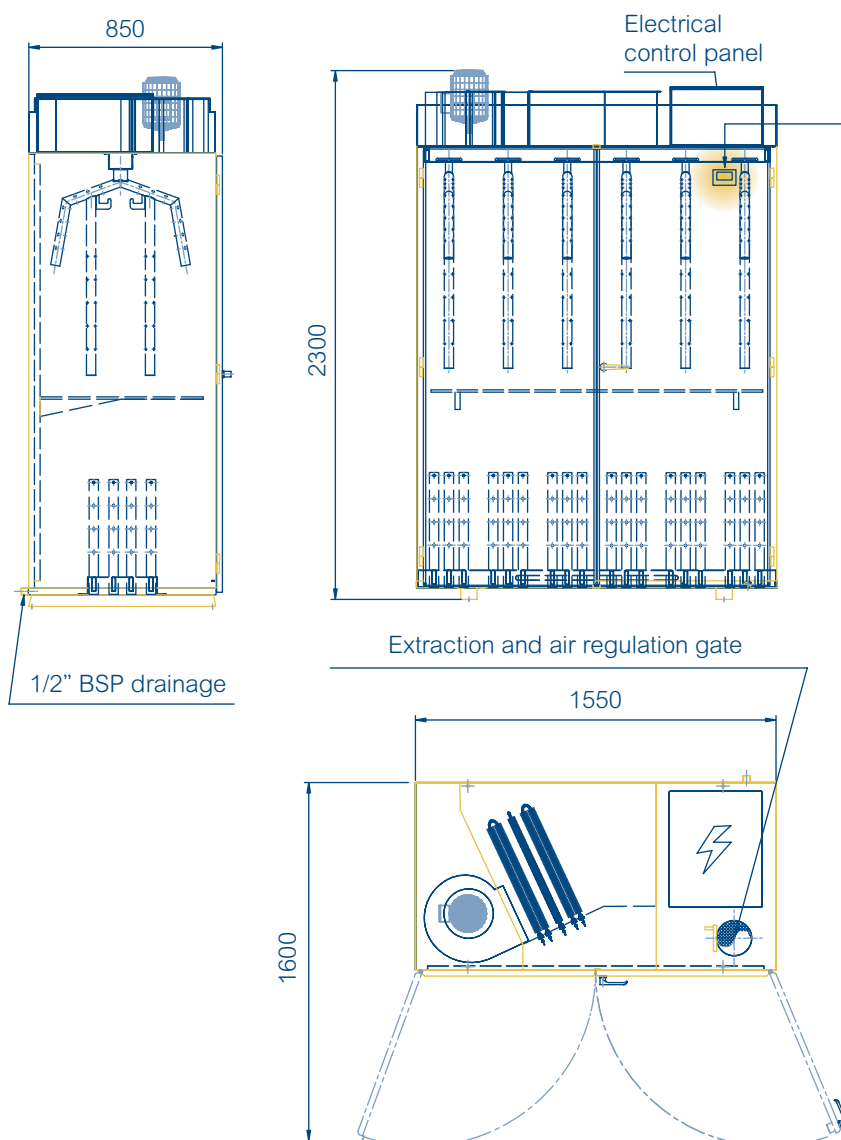
For the drying cycle (injection of hot air) and the cooling cycle (injection of cold air). Both cycle times programmable.

#### 2°) Cooling function: (F2)

For the cooling cycle (injection of cold air). Programmable cycle time.

#### 3°) Timer function: (F3)

The weekly and hourly working can be defined for each day of the week, for programmed drying and cooling cycles.







## Main applications

- Locker rooms and protective gear for fire fighters.

- Locker rooms and protective gear in maritime and/or fishing facilities.



- Golf courses.



- Locker rooms and protective gear for personnel in refrigerated environments.



- Piping on coasts and at sea.



- Locker rooms and protective gear for ice rink maintenance.