

ProLine

FC 20

NFPA 1851 Compliant

FC20 is a drying cabinet specially developed for drying personal protective gear. With an efficient and gentle drying procedure, the dryer has a capacity for 6 larger garments. One system dries the garments from the outside and another system dries them from the inside by directing 105°F air through the hangers into the protective gear. There is no mechanical action during the drying process which extends the fabrics service life. All programs meet NFPA 1851 standards and will not damage the protective gear. Programs can also be set for other garments and station wear.



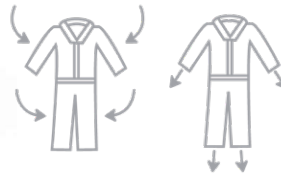
FC 20

Protective gear drying cabinet

FC 20 is our drying cabinet that will minimize exposure to hazardous elements in the firefighter's daily lives. This drying cabinet will reduce wear and tear of the gear and it has customized programs for drying protective garments. Three manual programs and three automatic programs. The large display provides information via symbols and text, keeping you up to date during the drying process.

Efficient drying process

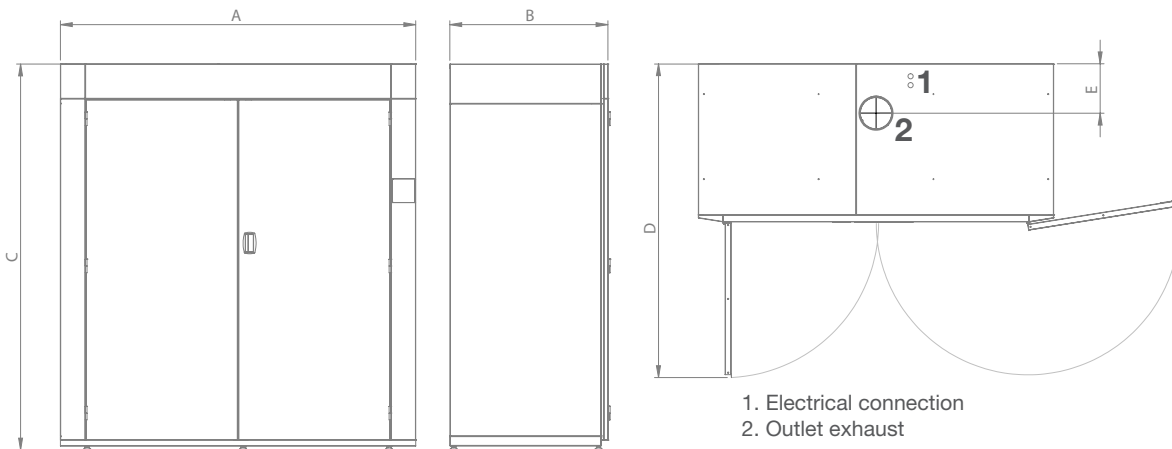
The drying cabinet dries the garments from the outside and the inside at the same time. One system distributes hot air through the six unique hangers into the garments and one system distributes hot air within the cabinet to dry the garments from the outside. It is a very efficient and energy saving drying process.



Front

Left Side

From Above



1. Electrical connection
2. Outlet exhaust

Dimensions in / mm	A	B	C	D	E
	Width	Depth	Height	Depth with door	Exhaust position from back
FC 20	71 / 1800	31.5 / 800	77 / 1955	62.6 / 1590	9.84 / 250

Technical Specifications ProLine FC 20

Main Data

Type	Air vented
Capacity (dry weight), lbs / kg	44 / 20
Capacity, sets of turnout gear	6
Color	Grey
Product number	131035
Dimensions	
Width x Depth x Height , in / mm	71 x 31.5 x 77 / 1800 x 800 x 1955
Door opening, °	190
Minimum ceiling height, in / mm	87,2 / 2215
Shipping dimensions, Width x Depth x Height , in / mm	75 x 31 x 42 / 1915 x 790 x 1060
Weight	
Weight, lbs / kg	441 / 200
Shipping data net, lbs / kg	529 / 240
Sound level	
Airborne sound level, dB(A)	65
Consumption data, normal temperature	
Drying capacity, oz/min / g/min	2 / 55
Energy consumption, kWh	6.7
Residual moisture before drying, %	50
Residual moisture after drying, %	4
Standard electrical connections	
Electrical connection, 3P	208-240 V, 3P, 60Hz
Electrical connection, 1P (upon request)	208-240 V, 1P, 60Hz
Total effect, kW	12.5
Heating effect, kW	12
Breaker, A, 3P	40
Breaker, A, 1P	70
Air connections	
Outlet exhaust, Ø in / mm	6.3 / 160
Outlet air flow, cfm / m³/h	210 / 350
Pressure drop, max psf / Pa	4.4 / 210
Maximum air flow (at 0% pressure), cfm / m3/h	383 / 650
Control	
Languages, number	8
Optional Accessories	
Hooks for Drying Cabinet (3 separate rows with 4 hooks on each, 1 set is for 1 door)	131071
Hanger for Boots	131009
Hanger for Gloves	131008



Technical Specifications for Garments

Drying of 6 heavy duty garments with membrane

Dry load, lbs / kg	44 / 20
Drying time, min	215
Drying capacity, oz/min / g/min	2 / 55
Energy consumption, kWh	19.6
Residual moisture before drying, %	70
Residual moisture after drying, %	4

Drying of 6 heavy duty garments without membrane

Dry load, lbs / kg	44 / 20
Drying time, min	87
Drying capacity, oz/min / g/min	1.6 / 46
Energy consumption, kWh	6.8
Residual moisture before drying, %	20
Residual moisture after drying, %	0

Standard Features

- Dries from the inside and outside simultaneously.
- Programmable control.
- 6 detachable hangers are included in the standard design.
- Drying capacity of 6 large garments.
- Gentle drying without mechanical action.
- Standard recirculation system from two fans, hot air.
- Program ends with “cool down” to room temperature.
- Double overheat protection with backup sensor for increased safety.
- Programmable control with 9 available programs allows maximum flexibility.
- Interior lighting.
- 71 inches wide - allows for more room between the gear for faster drying.
- Easy to navigate programs with display, buttons and braille. Easy to reach display panel.
- Adjustable preset start time.
- Adjustable feet from the inside of the cabinet.
- Powder coated galvanized steel.

Optional Features

- Detachable racks for gloves.
- Detachable racks for boots.
- Door hook racks attached on the inside of the door for additional accessories.

Humidity Tracking System - HTS

The FC 20 is equipped with the Humidity Tracking System (HTS) with temperature and humidity sensors. Senses the moisture level and interrupts the drying process exactly when the laundry is dry.

NFPA Guidelines Compliant

NFPA 1851 compliant.

Recommendation

We recommend to connect the air exhaust to the outside or to a central ventilation system to avoid contamination or unsafe air flow in the room.



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