

 **PODAB**

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Drying Cabinet

ProLine FC 20 - for Protective Garments

Drying Cabinets for Protective Garments

PODAB has developed custom made drying cabinets for fire stations since 1997. We were the first company to create drying cabinets with the unique ability to dry personal protective equipment (PPE) from the inside and the outside simultaneously. PODAB has refined the original idea and proudly presents the most advanced drying cabinet on the market.

Health and Safety

Firefighters health and safety has long been a controversial subject that is now more relevant than ever. We are aware of the toxic contamination firefighters are exposed to when they turn down fires. Therefore PODAB emphasise the importance of laundering and maintenance of personal protective equipment (PPE).

Reusing the PPE without cleaning it is a short-term solution that has a negative impact on the safety of the firefighters. The fabric of the PPE might be contaminated with small particles (e.g. soot, cyanide derivatives, etc.). The routine use and handling of these clothes can lead to indirect exposure, which can cause serious health problems. To minimise the risks we advise washing and drying the PPE after every exposed situation.

Drying Cabinet for Healthy Firefighters

Healthy Firefighters is a Swedish organisation that has developed a procedure for post-attendance management and maintenance of PPE. One of the stages in this procedure is to use professional washing machines and drying cabinets on the station. This is to avoid exposure and minimise contact with contaminated material. After every operation they wash and dry contaminated PPE immediately. The procedure, known as "The Swedish Way", received the accolade of a European Good Practice Award in April 2011¹.

We invite you to look through our latest brochure to discover all the benefits of the drying cabinet, ProLine FC 20.

¹ European Agency for Safety and Health at Work 2011:12



Benefits of Using ProLine FC 20



Safe Firefighters

One way to avoid handling contaminated PPE is to take care of the laundry at the station. The drying cabinet, ProLine FC 20 is very user-friendly. When exposed to potentially harmful substances, you can wash and dry the PPE immediately without having to reuse it or send it away to a laundry service.

Better Work Flow at the Station

The unique construction of the drying cabinet makes it possible to dry the PPE from the inside and the outside. The result is a very fast and effective drying process which creates better work flow at the station. Everyone will have their PPE ready to use in no more than three to four hours, including the washing cycle.

Activates the Impregnation

ProLine FC 20 restores and activates the impregnation which prevents external water from penetrating into the PPE. A dry PPE is safer, more dependable and lighter than one which is wet, helping firefighters to perform better.

Extended PPE Lifetime

The lifetime of the PPE is significantly extended when dried in a drying cabinet. In comparison with tumble dryers, a drying cabinet has a gentle yet efficient drying process. Since it has no mechanical action, wear and tear is prevented, and the functionality of reflectors and zippers are retained.


Flexibility

The large capacity and the optional racks make it possible to dry uniforms, boots and gloves at the same time. Along with our custom made programmes it simplifies the laundry process.

Recommended by Specialists

Leading manufacturers of PPE recommend the use of drying cabinets because of the gentle and efficient drying process. The ProLine FC 20 programmes are developed in close cooperation with a leading personal protective equipment manufacturer.



 Developed and manufactured in Sweden

Product Information

ProLine FC 20 is a drying cabinet with a capacity of 20 kg (44 lbs). The drying programmes are developed especially to dry personal protective equipment. ProLine FC 20 is equipped with uniquely designed hangers, to dry the garment from both the inside and

the outside. The construction of the hangers dries PPE very fast. The drying process has no mechanical action which extends the lifetime and durability of the PPE. ProLine FC 20 has optional hangers to dry boots and gloves etc. that can be changed in a matter of seconds.



Details

- Drying capacity of 6 large uniforms/20 kg (44 lbs)
- HTS - stops the drying process when the laundry is dry
- Adjustable programmes
- Removable hangers for easier work flow
- Drying procedure activates the impregnation
- The doors can be opened 190°
- Double overheating protection
- Light inside the cabinet
- Removable top for easier installation and service
- Language options: Swedish, Norwegian, Danish, English, French, German and Spanish
- Delivered as flat-pack to save shipping costs

Custom Made Programmes

The cabinet features two specially designed automatic drying programmes for PPE. These automatic programmes include drying mode, re-proofing and cool-down. The cabinet also has one automatic programme which can be used for stationwear and other laundry. For maximum flexibility, you can set the drying time manually by using the timed programme.

Restores and Activates the Impregnation

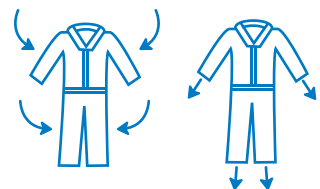
The cabinet activates the impregnating liquids that are periodically injected into the wash cycle. It also restores already impregnated garments. Once the drying cycle ends, the temperature inside the cabinet increases, to complete the process. Impregnation reinforces the safety features of the garments and extends the service life.

Humidity Tracking System - HTS

The drying cabinet is equipped with a Humidity Tracking System, HTS. The system stops the drying process when the laundry is dry, resulting in lower costs and less impact on the environment.

Dries Large Amounts of Laundry Fast

The design of the cabinet features a dual heating and circulation system. One system directs hot air through six uniquely designed hangers to dry the inside of the garments. The other system distributes hot air evenly within the cabinet to dry the outside layers. The result is an efficient and energy saving drying process.



Smart Accessories

With our accessories you can improve the work flow and make the drying process more efficient. We have developed accessories that make it possible to change

the interior of the cabinet. You can easily switch the standard hangers to racks suitable for gloves and boots. Read more about our flexible equipment below.



Standard Hangers

ProLine FC 20 is equipped with specially designed hangers, to dry the textiles from both the inside and the outside.

Six hangers are included in the standard design.



Laundry Basket

Ergonomic laundry basket with rubber bumpers that protect the machines from scratches. It has four wheels, which make the cart move smoothly, even with a lot of laundry in it.

Part no 161033



Racks

Racks for gloves and boots. Hot air is directed into each glove or boot.

For 4 pair of gloves, part no 131008

For 2 pair of boots, part no 131009



Hook Rack

Door mounted hook rack for ancillary garments (set of 3).

Part no 131071

Technical Specification

Product Data		FC 20
Main Data	Article number	131035
	Capacity, kg/lbs	20/44
	Capacity, suits	6
	Heating effect, kW	12
	Total effect, kW	12,45
	Energy consumption, kWh	19,6
	Airborne sound level, dB(A)	65
	Drying time, min*	166
	Door opening, °	190
	Colour	Grey
Connections	Electrical connection	3~N, 400V, 50Hz**
	Fuse, A	20
	Outlet exhaust, ø mm/inch	160/6,3
	Evacuated air, m³/h	300
	Pressure drop, max Pa	210
Measurement	Width, mm/inch	1800/71
	Depth, mm/inch	800/31,5
	Height, outer, mm/inch	1955/77
	Height, inner, mm/inch	1752/69
Shipping	Weight, kg/lbs	200/441
	Shipping data net, kg/lbs	240/529
	Shipping volume, m³	1,76

* Drying of 6 firefighters PPE with membrane (dry weight 20 kg), washed and high-spinned to 50% residual moisture, dried to 4% residual moisture.

** Other voltage on request



Drying Programmes		Approx. time (min)
1	Membrane	166
2	Without membrane	65
3	Stationwear	-
🕒	Timed drying	-

What is PODAB?

We specialise in professional laundry equipment. Since 1945 we have focused on drying equipment complemented by various accessory products.



Experts in Laundry Products since 1945

PODAB is a Swedish company that has been in the laundry business since 1945. We develop, manufacture and market quality products at competitive prices for multiple apartment buildings, laundry rooms and for professional use. The majority of our products are manufactured in Sweden.

At PODAB we innovate and offer equipment that benefits our customers as well as the environment. When choosing PODAB, you know that you will get energy and water efficient products.

We have customers in 15 countries, mostly in Europe and the Nordic countries but also in Singapore and Canada.

Please feel free to contact us!

Your nearest dealer:



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