



Professional Fire Department Laundry 2009



Thinking of you

 **Electrolux**



Never stop thinking

When we say we are thinking of you, we really mean it.

Around the world, we're visiting you as a consumer and are taking part in your everyday life. We do everything we can in order to understand your needs and the problems you want solved. We don't design for design sake, but for your sake.

We devote time, our know-how and our insight towards developing appliances that will make you say "This is exactly what I wanted! How did you know?"

The answer is simple: because we were thinking of you when we made it.

Today people are concerned about climate change and just like you; we want to make a difference.

Electrolux has a broad approach to the environment, which includes setting criteria for products in terms of low consumption of electricity, water and gas, without compromising on functions and performance.



GREEN RANGE

At Electrolux, we also maintain high environmental and ethical standards in our facilities and with our suppliers – no matter where in the



world they are located. We have a long-standing reputation in the environment and corporate responsibility.

We have been recognized as being on the cutting-edge of developing energy and water efficient products.

See more of our thinking at www.electrolux.com/sustainability.

Electrolux. Thinking of you.

To us, it is natural to focus on environmental and safety considerations. Our production units are certified in accordance with the ISO 9001 (Quality) and ISO 14001 (Environmental Management) standards, and our products are CE and S-labelled.

We care about a safe treatment of your protective clothing

Fire Services and rescue personnel's clothing demands specially adapted washing machines

The Fire Services and rescue service personnel now operate in a changing and complex world that puts increasing demands on the quality of the protective clothing they use. In addition to fire and extreme temperatures, the clothing also has to be protected from water, chemicals and infection. European standards authorities have recognised that unless the correct laundry procedures are adhered to, the protective qualities of the garments may be ruined.

Impregnation and function

Overalls and jackets have to be impregnated against moisture with a specially adapted washing process. The requirements are stringent and the variations numerous. But our washing processes are designed to ensure that they meet the demands for every type of protective clothing exactly. Every time they are washed! The Electrolux Professional laundry Systems **Fire Brigade Textile Protection** is designed to restore full protection and comfort to the suit after every wash.

The service life and protective characteristics of the suit depend on how the suit is cared for. And so do the life of the fire-fighters!

Keeping it safe and clean

The Electrolux Professional laundry Systems

new processes uses washing programs that do not effect the inherent fire-retardant qualities of the different Nomex® based fire garments in use today, while still cleaning the garments effectively.

The Nomex® materials are not water or oil shedding themselves. Nomex® has to be impregnated. However the impregnation-fluid washes out of the garment during cleaning and has to be replaced.

The **Fire Brigade Textile Protection** does just this. It is made to impregnate protective garments as a part of the washing process.

Re-using water and impregnation-fluids

The **Fire Brigade Textile Protection** uses a closed washing system to save both water and impregnation-fluids.

Surplus impregnation-fluids can be either re-used several times or taken care of for safe destruction by a retrieval system. The closed system saves both money and the environment!

We take responsibility for our products long after the installation

Every machine is built to operate in a tough environment for many years. As extra security, we also offer Full Service Agreements on all our machines. These agreements ensure that the products receive regular maintenance (including labour and materials), which reduces your total costs even further!





A proper treatment of your laundry comes down to a point of a lifesaving matter



Clean at the right temperature

Protective clothing is often heavily soiled by smoke, soot, asphalt, oil or blood, for example. These clothes have to be washed completely clean without damaging their important functions. Welded seams and reflectors must not be subjected to excessively high temperatures or mechanical wear.

A washing program for Fire Services and Rescue rescue service personnel must therefore be adapted to suit protective clothing coming from various manufacturers.

The principal environment in which the suits are used different kinds of dirt and other influences must also be taken into consideration.



A product range for every need

The **Fire Brigade Textile Protection** provides great flexibility. With the aid of a programmable microprocessor the system can create up to 99 perfect programs to suit every fire station's special needs.

To increase the **Fire Brigade Textile Protection** product range with specially adapted products, we have developed a fire department drying cabinet that considerably cuts the drying time of protective clothes.

The main invention in this drying cabinet is the design of the hangers that allows the drying airflow to penetrate both the in- and outside of the garments.





Let us turn your textile care into a success story

Wash in-house!

Washing protective clothes in-house involves special requirements on equipment and processes. No matter how large or small your department may be, washing protective clothing in-house will pay dividends in almost all cases.

All our washing machines can be fitted with special programmes or specifically programmed and adjusted to cover your textile care needs precisely. The most appropriate machine combination is defined by your current laundry needs.

Of course, we will be happy to pitch in with our knowledge and experience to help you put together the optimal textile care solution for your department!

A small department:

1 x W475H + 1 x T4250

This combination generally covers the laundry needs of small companies exceptionally well. Just imagine: with your own Textile Care Room™, you can wash at any time of the day or night!



A medium sized department:

1 x W465H + 1 x T4190 + 1 x W4130H + 1 x T4350 + 1 x TS4121

Here, we are talking about a greater need for flexible washing, where companies have to be able to deal with individual items and large loads of laundry at the same time. Some clothes also need to be hung up to dry. Our fire department drying cabinet considerably cuts the drying time of protective clothes such as overalls, jackets and trousers.



A large department:

1 x W475H + 2 x W4130H + 2 x T4350

A complete Textile Care Room™ for heavy-duty requirements – but still with the option of washing smaller loads or even individual items, as the AWS function that features in our small washing machines (up to 130 litres) automatically adapts electricity and water consumption to match the weight of the laundry loaded into the machine.





Highspin Washer Extractors

Teckenförklaring

● Standard ○ Tillval – Finns ej

		W455H	W465H/LE	W475H/LE
Kapacitet	Trumvolym	53	65	75
	Max last, 1:10	5,5	6,5	7,5
	Centrifugering, G-kraft	425	350	350
	Max tömning l/min (max liter/tömning)	160 (20)	150 (25 - 20)	150 (25 - 20)
Anslutning	Elanslutning V/Ph/Hz/kW eluppvärmt utf. (säkring A)	400-415/3N/50/4,7 (10)	400-415/3N/50/7,8 (16) 3,3 kW och 10 A	400-415/3N/50/7,8 (16) 3,3 kW och 10 A
	LE-variant special kW och A			
	Ånguppvärmning	—	○	○
	Kall-/Varmvattenanslutning, antal x DN	20	20/2x20	20/2x20
	Avloppsanslutning, utv. (mm)	50	50	75
Mått/vikter	B x Dj x H			
		595x680x850	720x690x1115	720x690x1115
Design	Vikt	99	154	159
	Frontplåt rostfritt	○	○	○
	Front målad	●	●	●
	Topplock rostfritt	●	●	●
Funktion	Trumma rostfritt	●	●	●
	Compass Control	●	●	●
	Clarus Control - programmerbar	—	○	○
	Super Balance™ obalansavkänning	●	●	●
	DBS - Dynamiskt BalanseringsSystem	—	—	—
	AVS - Automatiskt VagningsSystem	●	●	●
	IVS - Intergrerat VagningsSystem	—	—	—
	Vattenstyrd avloppsventil	●	●	●
	Elektrisk avloppspump	○	○	○
	Anslutning ånguppvärmning	—	—	—
	Anslutning för automatisk tvättmedelsdosering	○	○	○
	Anslutning för ELS Boka™ bokningssystem - ELS nätverk	○	○	○
	Mopp- / Hygien- / Restaurang- / Camping-variant	○	○	○
	Lantbruk-variant	—	—	"W475N"
	Dubbla avlopps- och extra inloppsventiler	—	—	—
	Tvättmedelsfack (antal)	4	4	4
	Stora inloppsventiler DN50	—	—	—
	Frekvensstyrd motor	●	●	●
	Testkran med nivåör	—	—	—
	Tippning framåt	—	—	—
	Tippning framåt/bakåt	—	—	—
	Frontmonterad ilastningsträtt	—	—	—

Not. maskinvarianter LE/Mopp/Hygien från 65 liter och uppåt, samtliga Clarus utrustade samt std-maskin från och med W4105H och uppåt har anslutning för kall- resp varmvatten ("2-vatten"). Alla måttangivelser i mm, kg och liter om inget annat anges.



Tumble Dryers

Teckenförklaring

● Standard ○ Tillval – Finns ej

		T4130/C	T4190/C	
Kapacitet	Trumvolym	130	190	
	Max last, 1:22	5,9	8,8	
	Max last, 1:30	4,3	6,3	
	Avvattning gr/min vid 1:22 eluppvärmd	81/43	112/96	
	Energiförbrukning kWh/liter vatten	1,05/1,19	0,89/1,04	
Anslutning	Elanslutning V/Ph/Hz/kW eluppvärmt utf. (säkring A)	400-415/3N/50/4,7 (10)	400-415/3N/50/6,7 (10)	
	C-variant special kW	3,4 kW och 10 A	3,4 kW och 10 A	
	Ånguppvärmning	—	—	
	Ånguppvärmning anslutning DN	—	—	
	Kondensutlopp (utvändigt)	1/2" (C-variant)	2x3/4" (C-variant)	
	Evakuering diameter (frånluftsvärd)	100	125	
	Evakuerad luft m³/h (optimalt)	260	270	
Mått/vikter	B x D x H	595x735x850	720x745x1130	
	Vikt	60/63	103/130	
Design	Frontplåt rostfritt	○	○	
	Front målad	●	●	
	Topplöck rostfritt	●	●	
	Trumma rostfritt	●	○	
Funktion	Compass Control	●	●	
	Selecta Control	—	—	
	Anslutning för ELS Boka™ bokningssystem - ELS nätverk	○	○	
	Tippning framåt	—	—	
	RMC – Restfuktighetskontroll	●	●	
	Reversering av trumma	●	●	
	Justerbar trumhastighet	—	—	
	Skjutdörr	—	—	
	Kondensorenhet	—	○	

Alla måttangivelser i mm, kg och liter om inget annat anges.



T4130



T4130C



T4190



T4190C



T4250



T4290



T4300LE

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