

FIREHOUSE DUTY

Clean Gear: Critical for Health and Safety



Protective Gear Washers & Dryers



Firefighters make many sacrifices

HE Series Gear Washer

Dirty gear is dangerous. The very thing that's designed to save your life can actually end up causing you great harm. While clean gear certainly does save lives, dirty gear is detrimental to a firefighter's health and safety. Not only are the oils and contaminants on the gear actually flammable but they can also reduce the protective performance of the gear putting you at risk during a fire. Even after the fire is out your gear is still unhealthy. Toxins and contaminants present can be inhaled, ingested or absorbed through the skin. After all firefighters do to protect others, it's time they are offered the best protection available. The HE Series of washers from B&C Technologies are designed to thoroughly and effectively clean turn out gear to help ensure the safety of firefighters.

“The importance of maintaining the **cleanliness** of ensembles and ensemble elements **should not be underestimated**. Soiled or **contaminated** ensembles and ensemble elements **are a hazard** to fire fighters since oils and contaminants can be flammable, toxic, or carcinogenic. Additionally, soiled or contaminated ensembles and ensemble elements can have reduced protective performance.”

NFPA, Appendix A.5.1.1 (emphasis added)

Standard Features:

- ◆ Fully compliant with NFPA standards
- ◆ All wetted parts are 304 (18/8) stainless steel
- ◆ 100G extraction force
- ◆ 5 degree lean back for strength and easier loading
- ◆ Built in vacuum breaker
- ◆ Solid frame
- ◆ Withstands the demands of continuous operation

60/36 Warranty



60 Months: Bearings,
Frame, Shaft, Cylinder &
Shell
36 Months: All other
non wear parts



health shouldn't be one of them

FC-20 Gear Dryer

In addition to keeping the gear clean, it should also be dried properly. While dirty gear can pose a serious health risk to firefighters, wet gear poses a safety risk. If there's moisture trapped in gear during a fire it can turn to steam and cause burns. In addition to the risk of burns, storing wet gear can cause mildew and bacteria growth which can not only be unhealthy, but can also weaken the gear. The FC-20 gear drying cabinet from B&C Technologies completely and quickly dries bunker gear.

When you head out to the next call you can rest assured knowing your gear is safe and dry.

The FC-20 control provides three manual programs and three automatic programs, each with our unique Humidity Tracking System (HTS) which continuously measures the levels of humidity during the drying process to determine exactly when the goods are dry. All turnout gear programs meet NFPA standards and will not cause damage. Programs can also be set for other garments and station wear.

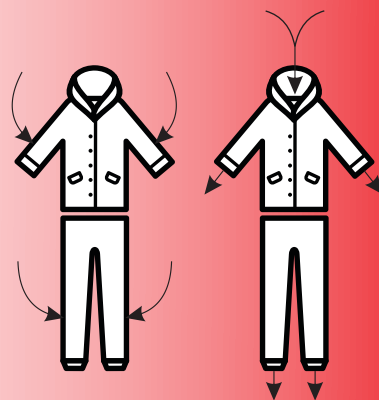


Standard Features

- ◆ Dries from the inside and outside
- ◆ Programmable control
- ◆ Handles 6 overalls
- ◆ Gentle drying
- ◆ Interior lighting
- ◆ Detachable hangers

Optional Features

- ◆ Racks for gloves
- ◆ Racks for boots
- ◆ Racks for garments



60/36 Warranty



60 Months: Major components

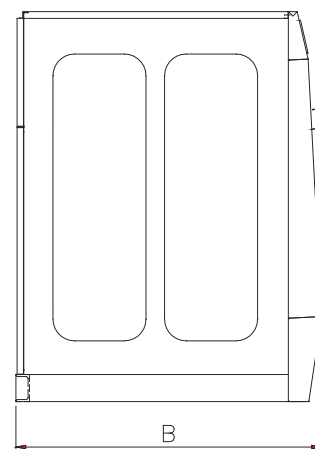
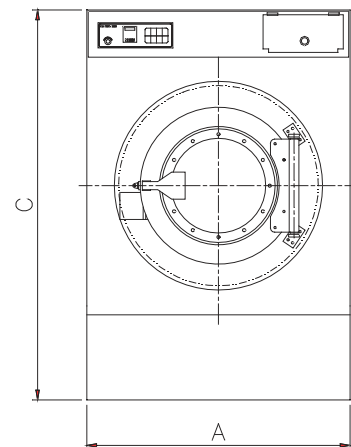
36 Months: All other non wear parts

Specifications

Designed to safely and effectively process turnout gear

MODEL	Units		HE-35		HE-45		HE-65		HE-85		HE-110	
	Metric	US										
CAPACITY:	kg	lbs	15.9	35.0	20.5	45.0	29.5	65.0	38.6	85.0	50.0	110.0
OVERALL DIMENSIONS:												
A - Width	mm	in	737	29.0	787	31.0	879	34.6	1048	41.3	1048	41.3
B - Depth	mm	in	889	35.0	1092	43.0	1168	46.0	1219	48.0	1363	53.7
C - Height	mm	in	1276	50.3	1321	52.0	1530	60.3	1721	67.8	1721	67.8
WEIGHT AND SHIPPING INFORMATION:												
Net Weight	kg	lbs	235	517	480	1055	660	1450	785	1728	958	2108
Domestic shipping weight	kg	lbs	246	543	492	1083	720	1584	803	1767	981	2160
CYLINDER INFORMATION:												
Diameter	mm	in	612	24.1	683	26.9	790	31.1	924	36.4	924.0	36.4
Depth	mm	in	435	17.13	525	20.7	560	22	574	22.6	718.0	28.3
Volume	liters	cu ft	128	4.52	187	6.6	274	9.7	372	13.13	467	16.5
CYLINDER SPEEDS:												
Wash	rpm	g	48.5	0.8	46	0.8	43	0.8	39.5	0.8	39.5	0.8
Distribution	rpm	g	77	2	73	2	67	2	62	2	62	2
Extract	rpm	g	540	100	513	100	576	100	442	100	442	100
DOOR OPENING AND HEIGHT:												
Diameter	mm	in	400	15.7	400	15.7	450	17.7	520	20.5	520	20.5
Height of door bottom above floor	mm	in	355	14	475	18.7	569	22.4	616	24.25	616	24.25
DRIVE INFORMATION:												
Number of motors	Number		1		1		1		1		1	
Size of motor	kW	Hp	1.5	2	2.2	3	3.7	5	5.5	7.5	7.5	10
WATER INLETS												
Hot water size	DN	in	20	3/4	20	3/4	20	3/4	20	3/4	25	1
Cold water size	DN	in	20	3/4	20	3/4	20	3/4	20	3/4	25	1
Additional water Inlet	DN	in	20	3/4	20	3/4	20	3/4	20	3/4	25	1
DRAIN OUTLETS AND CAPACITY:												
Drain size	mm	in	51	2	76.2	3	76.2	3	76.2	3	76.2	3
STEAM INLET and CONSUMPTION:												
Steam inlet size	DN	in	13	1/2	13	1/2	13	1/2	20	3/4	20	3/4
ELECTRICAL SERVICE:												
208-240VAC, 50/60Hz, 1PH	Amps	Breaker	6.2	15	8.1	15	8.8	15	22	25	31	40
208-240VAC, 50/60Hz, 3PH	Amps	Breaker	3.6	15	4.7	15	5.1	15	12.7	15	18	20
380-480VAC, 50/60Hz, 3PH	Amps	Breaker	1.8	15	2.3	15	2.5	15	6.3	15	9	15

Due to our policy of ongoing improvements, all specifications are subject to change without notice.



MODEL	Metric US		FC-20	
CAPACITY:	gear sets		6	
OVERALL DIMENSIONS:				
A - Width	mm	in	1800	70.9
B - Depth	mm	in	800	31.5
C - Height	mm	in	1955	77.0
D - Door Swing	mm	in	788	31.0
WEIGHT AND SHIPPING INFORMATION:				
Net Weight	kg	lbs	200	440
Domestic shipping weight	kg	lbs	212	466
ELECTRICAL SERVICE:				
208-240VAC, 50/60Hz, 1PH	Amps	Breaker	65	70
208-240VAC, 50/60Hz, 3PH	Amps	Breaker	35	40
380-480VAC, 50/60Hz, 3PH	Amps	Breaker	17	20

