

Fire Service Industry

**UniMac**<sup>®</sup>

35 lb Washer-Extractor  
60 lb Washer-Extractor  
100 lb Washer-Extractor  
150 lb Washer-Extractor  
PPE Drying Cabinet

**GOUD**  
Laundry Solutions



**Commercial Laundry System  
for the Fire Service Industry**

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# UniMac®

**T**he cleaning of your turnout gear is an essential component of operating a fire department. It is widely reported that the proper cleaning of your gear will lengthen its useful life. It is also reported that removing carcinogenic hydrocarbons from the gear protects firefighters. When you combine these issues with NFPA 1851 procedures for proper in-house cleaning of turnout gear, your department can't afford to be without a washer and dryer.

The most difficult part of your decision is determining which laundry equipment will be your best tools to complete the job. While UniMac makes more than 100 different machines, the models listed here are our choices for easy and reliable cleaning of turnout gear. Don't be fooled by inexpensive models that don't offer the critical features needed for protecting your gear.

## The Right Equipment for Your Gear

You depend on PPE gear to keep you safe. Why trust its care to anything less than an expert? For years, firefighters have relied on UniMac's expertise in manufacturing durable, easy-to-operate equipment, like our UW model washer-extractor, to clean turnout gear and station items. We've strengthened that commitment to the fire industry with the introduction of our PPE Drying Cabinet.



The cabinet gently dries bunker gear, returning it to service quickly.

UniMac's PPE cleaning experts provide a turn-key solution to your laundry needs. There are specific requirements for how laundry equipment should handle PPE gear. First, extraction speeds should fall within 400-600 RPM. Our washer-extractors meet this requirement.

Second, several turnout gear manufacturers advise against tumble drying of their protective clothing. UniMac's PPE Drying Cabinet eliminates that concern.

We know your gear is expensive, and our complete system can provide a longer life to that critical equipment. Put your trust in UniMac's expert solutions.

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## UniMac Checklist for the Right Washer

- ✓ Heavy-duty Gamma A-frame for long life with the industry's best warranty.
- ✓ Heavy-duty, oversized bearings with the industry's best warranty.
- ✓ Easy-to-use push-button start – 39 programmable cycles.
- ✓ Flexible wash cycles that can be changed in future years as requirements change.
- ✓ Precise, automated detergent dispensing below water level and never directly on turnout gear.
- ✓ Soak cycle capable of easily removing heavy soils with minimal mechanical action, reducing wear on protective gear.
- ✓ Washer only tumbles at proper water level, preventing unnecessary abrasion of the gear.
- ✓ Out-of-balance load protection with use of out-of-balance safety switch.

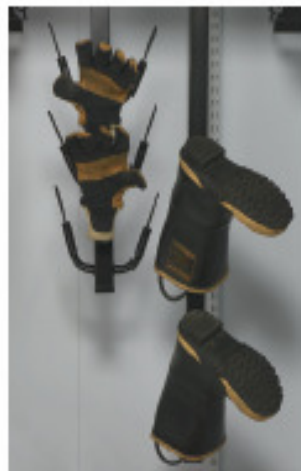
## Drying Cabinet Features



The **programmable control** is designed with five factory preset programs ranging from 1.5 hours to 3 hours in length. It is easy to use by selecting one of the cycles and pressing "Start." Additional time can be added as required.

## Special Options

- Boot Rack – holds two pairs of boots
- Glove Rack – holds four pairs of gloves



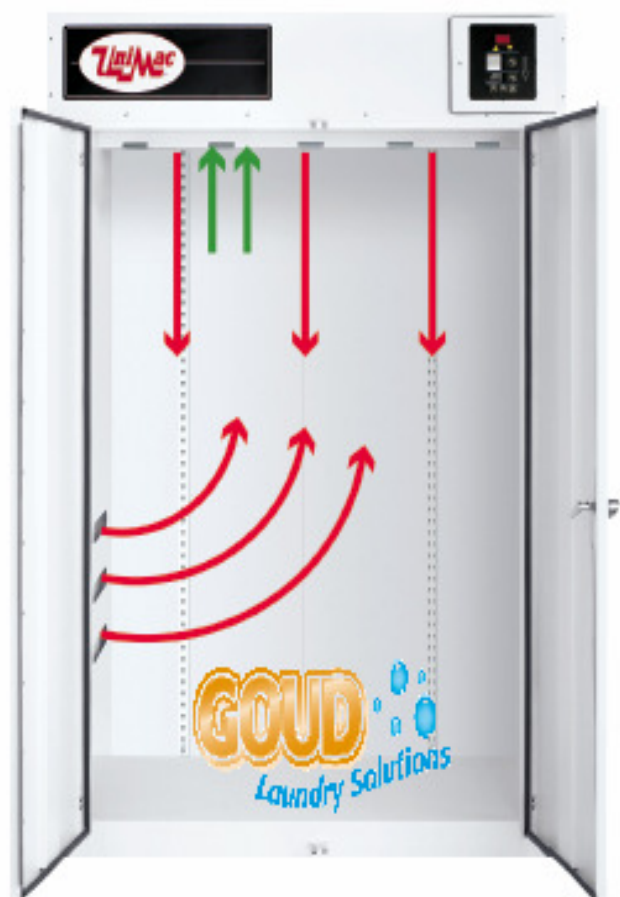
## UniMac Checklist for the Right Dryer

- ✓ No tumble drying prevents excessive wear and tear.
- ✓ Maximum heat setting of 110°F.
- ✓ Easy-to-use push-button start – five programmable cycles.
- ✓ Removable hangers for easier handling.
- ✓ Two independent heating and fan systems.
- ✓ Highly-valued add-on accessories.
- ✓ Short drying times.

## Drying From the Inside Out

The PPE Drying Cabinet forces heated air through the hangers and the insides of the turnout gear. Air also is forced through the cabinet's side panel allowing it to move upward and around the outside of the gear.

- Dual-sided airflow allows for fast, efficient drying of both the inside and outside of the gear.
- Recirculated air conserves energy.



# Specifications

	UW35 2-spd	UW60 2-spd	UW100 PV: 7-spd	UW150 PV: 7-spd
Control Options	P	P	P	P
Capacity - lb (kg)	35 (16)	60 (27)	100 (45)	150 (68)
Cylinder Diameter - in (mm)	26 1/4" (667)	32" (813)	36" (914)	43" (1093)
Cylinder Depth - in (mm)	18 3/8" (467)	20" (508)	27" (686)	27 13/16" (706)
Cylinder Volume - cu. ft. (liters)	5.76 (163)	9.31 (264)	15.9 (450)	23.98 (682)
Height - in (mm)	55 1/2" (1410)	64 1/2" (1638)	68 1/2" (1740)	79" (2007)
Width - in (mm)	32 1/2" (826)	36 5/8" (930)	41 1/2" (1054)	50" (1270)
Depth - in (mm)	38 1/4" (972)	45" (1143)	54 1/2" (1384)	63" (1600)
Door Opening Size - in (mm)	14 3/8" (364)	17 1/2" (445)	17 1/2" (445)	24 3/4" (629)
Door Bottom To Floor - in (mm)	23 3/4" (603)	28 1/4" (718)	29" (737)	32" (813)
Motor Size - HP (kW)	1.8 (1.3)	3 (2.2)	7.5 (5.6)	10 (7.5)
Gentle Speed - RPM	N/A	N/A	26	23
Wash Speed - RPM	50	44	40	36
Distribution Spd - RPM	N/A	N/A	70	61
Medium Speed - RPM (G-Force)	N/A	N/A	325 (54)	262 (42)
High 1 Extract - RPM (G-Force)	504 (95)	465 (98)	456 (106)	417 (106)
High 2 Extract - RPM (G-Force)	N/A	N/A	524 (140)	512 (160)
High 3 Extract - RPM (G-Force)	N/A	N/A	766 (300)	701 (300)
Drain Diameter - in (mm)	2 3/8" (60)	3" (76)	(2 ea.) 3" (76)	(2 ea.) 3" (76)
Water Inlet Connection - in (mm)	3/4" (19)	3/4" (19)	3/4" (19)	(2 ea.) 1" (25) (2 ea.) 3/4" (19)
Net Weight - lb (kg)	750 (341)	1136 (515)	1770 (805)	2970 (1347)
Agency Approvals*	ETL, ETLc	ETL, ETLc	ETL, ETLc, CE	ETL, ETLc, CE

\* Agency approvals may vary depending on configuration.

For the most accurate information, the installation guide should be used for all design and construction purposes. Due to continuous product improvements, design and specifications subject to change without notice. Features and certifications may vary by model. The quality management system of Alliance Laundry Systems' Ripon facility has been registered to ISO 9001:2010.

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AU08-205

	PPE Drying Cabinet
Capacity	5 full sets of Turnout Gear
Electric Heating	12 kW
Electric Connection + Circuit Breaker	208 V - 50/60 Hz 1 - Ph + 60 amp breaker 208 V - 50/60 Hz 3 - Ph + 35 amp breaker 240 V - 50/60 Hz 1 - Ph + 70 amp breaker 240 V - 50/60 Hz 3 - Ph + 40 amp breaker
<b>400 V - 50Hz 3Ph 32 amp breaker</b>	
Exhaust Diameter - in (mm)	6" (153)
Outlet Airflow - cfm (m3/h)	300 (510)
Width - in (mm)	55 1/8" (1400)
Depth - in (mm)	30 13/16" (783)
Height - in (mm)	Outer: 81 1/2" (2070) Inner: 73 5/8" (1870)
Net Weight - lb (kg)	430 (195)
Shipping Weight - lb (kg)	780 (354)
Agency Approvals	CSA* CE

## Washer Capabilities

<b>UW35</b>	three full sets of gear
<b>UW60</b>	four full sets of gear
<b>UW100</b>	six full sets of gear
<b>UW150</b>	ten full sets of gear

## PPE Dryer Capabilities

<b>AGU44</b>	five full sets of gear
<b>AGU45</b>	five full sets of gear
<b>AGU64</b>	five full sets of gear
<b>AGU65</b>	five full sets of gear

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