

The B&C Drying Cabinet

Clean Gear Saves Lives



Imagine you are on a job and you brush against a bookshelf, some bottles fall but you don't think much of it because you are busy saving lives. The problem is, the bottle was filled with lamp oil and it got on the arm of your turnout gear. The next fire you walk into, the whole arm becomes a big torch... and a danger to you and the team.

Now, when you get back to the station, do you clean your own gear? How do you clean it, or do you avoid cleaning it because it takes too long to dry?

NEVER avoid cleaning your gear! If you have a problem, Do NOT avoid it, solve it!

Use a commercial grade, Firehouse duty HE Series washer-extractor to get the job done right!

NFPA recommends a hard mount (Max 100G Force, 500rpm machine) to avoid wearing out turnout gear. The HE Series Firehouse Duty Washer-Extractor is perfect, as it is specifically designed to meet these guidelines. You can trust B&C Technologies laundry equipment to effectively and safely clean your PPE or turnout gear.

Drying Options:

First and most important: The gear MUST BE DRY!

If it is not dry it can be dangerous to you as the humidity trapped in the gear turns into steam when you are fighting fire. Turnout gear will protect you from the flames, but steam can become trapped between the gear and you and cause severe burns.

-Hang gear indoors, inside out in a location with good ventilation

Recommended by NFPA, but is time consuming, and difficult to determine if the gear is completely dry.

-Hang gear in the sun to speed up the process

NOT recommended by NFPA as UV light wears turnout gear: Worn-out turnout gear is dangerous as it gives a false sense of protection.

-Hang clothes on PVC pipes that blow room temperature air

This option is better but it too takes a long time to dry and it is difficult to know if the gear is actually dry.

-A drying cabinet that can blow warmed air into the turnout gear

Will dry turnout gear faster, however, over drying wears out the gear and worn-out gear is dangerous. Under drying it can cause mold, mildew and is uncomfortable. In a worst case scenario, the locked in moisture can turn to steam and cause burns.

-A Fire Drying Cabinet with humidity sensors and the latest technology that works with under-pressure to achieve the most efficient dry time

This perfect solution can guarantee completely dry gear, with virtually no moisture left. It will dry the gear in the most efficient way and stop when the gear is completely dry for maximum comfort and without unnecessary wear on the gear.

Take care of your gear, and it will take care of you. We care about your success and your future.

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Damp and Dirty is Dangerous

Dirty Gear is Dangerous:

"Soot, dust and other surface dirt can pose hazards on the turnout gear unless it is cleaned off immediately after each use. Although the outer material repels fire, a build-up of surface dirt may not. In addition to being hosed down after every use, special solvents can be regularly used to clean the outer layer of any temporary dust and dirt"

From: http://www.ehow.com/about_4812661_firefighter-safety-issues-turnout-gear.html



Dirty Facts:

- Dirty turnout gear is more likely to conduct heat
- Dirty turnout gear can become flammable
- Reflective trim on gear may not be visible, and if you cannot be seen an accident might be lethal
- Hazardous contaminants may be harmful to firefighter's health
- Contaminants & chemicals from fighting a fire can, with time, break down the protective properties of your gear
- Dirty gear will increase your risk of combustion, burns, diseases, and death

Damp Gear is Dangerous!

"Whether it has just come out of the laundry or off an intense fireground, turnout gear gets wet. And when it does, it must be dried thoroughly before the next call. McKinney, Texas, Fire Chief Mark Wallace says it is important to have personal protective equipment that is fully dry. At a fire, the water in partially wet gear can boil, causing steam burns to the firefighter wearing it."

From: http://firechief.com/training/apparel/drying_out_0201/index.html

The moisture that causes steam burns can be created by anything from sweat, water from fighting fires, or laundry. It is very important to make sure the gear is completely dry, because if the gear is damp or moist, the risk for steam burns dramatically increases.

Keep Your Gear Clean and Dry

Clean gear lasts longer.

Clean gear saves lives.

By pairing a B&C Technologies Fire Duty Washer with a B&C Fireman's Cabinet, you can ensure that your gear is clean, dry, and safe.



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