

Installation, Operation and Maintenance Instructions

- **Pedestal mounted retractable hose reel**
- **Wash down hose reel and cabinet**

Warranty Information

Hughes Safety Showers Ltd guarantees the products it manufactures or sells against defects in workmanship and material for a period of one (1) year from the date of invoice. The product must be used, maintained and installed according to the instructions and procedures provided, or this warranty is void. Any alteration or modification of the product will also void this warranty. Hughes Safety Showers obligation under this warranty is limited to repair or replacement of defective products. No other warranty or remedy shall be provided. This warranty specifically does not guarantee or cover payment or reimbursement of any damages or consequential damages other than repair or replacement of the product.

Any claim under this warranty must be made in writing within twelve (12) months of the date of invoice. The owner must prepay shipping costs of all products returned to Hughes Safety Showers Ltd under this warranty. If it is determined that the product is defective in material and /or workmanship the repair or replacement will occur, at Hughes Safety Showers option, at no charge and return freight prepaid by Hughes Safety Showers. All other return of the product to the owner shall be at the owner's expense.

Proper use by the customer is necessary for the effectiveness of the product, as well as the safety of those using the same. The user is solely responsible to determine the suitability of any Hughes Safety Showers product for any intended use. The user assumes all risk and liability for use of any Hughes Safety Showers product. User specifically acknowledges receipt of proper instructions regarding the use of the product in the original packaging and disclaims any consequential damages to person or property, damages for loss of use, lost time, loss of profit, lost income, loss of the Hughes Safety Showers product itself and/or other incidental or consequential damages other than as warranted by this limited warranty. User accepts the responsibility of removing from service any product that becomes worn out, unusable, unfit for the intended use or defective in any way such as to make the product a potential safety hazard. Hughes Safety Showers is unable to undertake such obligations or responsibilities on behalf of the user as the user is in sole possession and control of the product.

Installation

Assembly and mounting of pedestal and cabinet mounted hose reels

Equipment must be mounted to a suitable level surface using bolts of a length and type to suit the base material. Please refer to the general arrangement drawings for position of fixing bolt holes.

Once mounted, the stability should be tested to ensure it is safe and poses no danger to the user.

Heated and insulated jacket

The trace heating digital thermostats are supplied pre-programmed for frost protection and are set to activate at 7C for ease of installation, operation and maintenance.

A password is required to access the parameters should the digital thermostat require adjustment to prevent tampering.

Heated cabinet

For frost protection the trace heating inside the cabinet is controlled by an ambient air sensing thermostat for ease of installation, operation and maintenance.

Operation

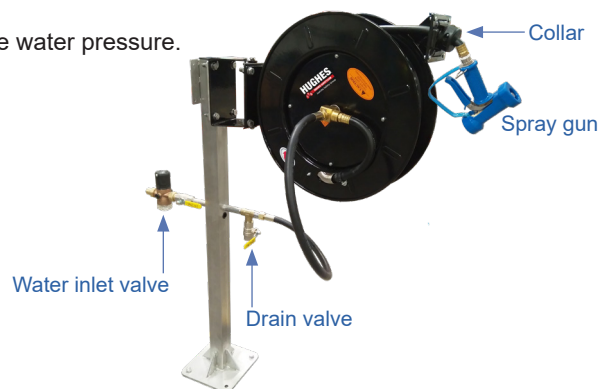
Instructions for all emergency equipment should be readily available and accessible to personnel.

- Check hose reel for correct operation by slowly pulling out the hose. A clicking sound will be heard every half revolution of the drum.
- To latch the reel, pull out the hose and allow it to retract after hearing the first, second or third click.
- Check the position of the drain valve. If open then ensure it is closed prior to turning on the water supply via the water inlet valve.
- To activate, grip the spray gun and squeeze the trigger.
- To unlatch, slowly pull out the hose reel until the clicking noise stops. Allow the hose to retract until it stops to rest against the hose guide. To avoid damage, always keep hold of the hose while it is rewinding.

If the rewind spring fails for any reason, the replacement of the spring canister must be carried out by a suitable qualified technician.

After use the hose reel should be drained before retracting. This is particularly important when the site is not operational, unmanned or during severe cold weather conditions:

- Shut off water inlet valve.
- Operate the spray gun and lock in the open position to release water pressure.
- Open the drain valve.
- Press the spray gun trigger to open.
- Return the hose back onto the reel slowly until fully drained.



Maintenance

Periodically check the hose condition for wear or damage, and check the swivel fitting for leakage. Any worn, damaged or leaking parts must be replaced.

During visual inspection, ensure the hose reel collar is in the correct position close to the trigger to avoid any deformation of the hose. This process also helps reduce the risk of freezing of the exposed reel.

Water supply and supply pipe materials

Supply Pressure: Pressure reducing valve is fitted and set at 2 Bar (29 PSI)

Where a high unregulated pressure is experienced, this must be monitored to ensure it does not exceed the recommended maximum. If the water pressure exceeds the recommendations, please contact Hughes Safety Showers for advice.

The water supply pipe must be of a material compatible with the equipment to avoid corrosion.

The supply pipe should have at least the same diameter as the inlet pipe on the equipment.

If required, the supply pipe should be fitted with a non-return check valve.

Water inlet size: Please refer to your general arrangement drawing for details.

Electrical supply (if applicable)

Electrical equipment fitted to these units should be supplied through a safety protection device (MCB, RCD, RCCB for example) to provide additional protection against electric shock while also ensuring satisfactory protective bonding arrangements are in place. Please consult a qualified electrician when installing & commissioning electrical equipment.

CAUTION: Hose reels with non-certified electrical equipment cannot be used in hazardous areas, as per IEC-60079-10 and API RP 505.

Electrical details (if applicable)

The electrical components of the hose reel are wired into junction boxes positioned as shown on the general arrangement drawing.

Electrical rating: 240VAC, 1 phase, 50/60Hz

110VAC, 1 phase, 50/60Hz

Different voltage versions are available upon request.

If you require further assistance please contact us:

T: +44(0)161 430 6618

E: sales@hughes-safety.com