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Mod: MID-6/R2

Production code: 5R.M6Q.448



Diamond
catering equipment

	MIDIReel M6 with NITO-1 spraygun - USER'S INSTRUCTIONS	31st January 2011 Rev. 2.1
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1 – INTENDED USE:

Wall-mount retractable hose reel spray units, MIDIReel, are special accessories designed for use in institutional and professional kitchens and wherever a heavy-duty utility spray gun is needed to rinse and clean large surfaces, saving room and water and guaranteeing the maximum hygiene.

2 – OPERATING CONDITIONS:

The retractable hose is made of EPDM rubber.

This type of rubber MUST NOT come into contact with oils, fuels, aromatic and aliphatic hydrocarbons, halogenated solvents and concentrated acids.

The MIDIReel's hose has been tested and is guaranteed for use with plain water only.

Even though it might be possible to use water mixed with some cleaning products, the manufacturer DOES NOT guarantee the correct operation of the unit under such conditions. It is the user's responsibility to use the MIDIReel under untested conditions.

The MIDIReel works exclusively at standard water supply pressure.

DO NOT use pressurizing pumps.

Min. operating pressure = 0.1 MPa (1 bar)

Max. operating pressure = 0.6 MPa (6 bar) static.

Recommended operating pressure = between 0.25 MPa (2.5 bar) and 0.4 MPa (4 bar).

Max. water temperature = 60°C (max 0.40 MPa) or 40°C (>0.4 MPa)

3 – INSTALLATION:

MIDIReel is supplied ready to be mounted on the wall.

Installation should be carried out by professional personnel only.

Mount the MIDIReel onto the wall using ALL mounting holes on the wall bracket, using screws of proper size.

It is the installer's responsibility to make sure that the unit is safely anchored to the mounting wall.

The wall bracket, made in AISI 304 stainless steel, is designed to stand a vertical weight of up to 50 Kg.

DO NOT install the MIDIReel in locations where the temperature may be higher than the recommended value (e.g.: near or above heat sources), in order to prevent the alteration of the rubber and plastic components.

4 – WATER FEED

The MIDIReel has a water inlet on one side, with a male G ½ (ISO 228-1) thread.

This inlet is equipped with a check valve preventing water back flow.

Install a tap or valve upstream of the hose reel in order to be able to cut the water feed to the MIDIReel in case of water leaks. Shut down the water feed to the MIDIReel whenever it is not used for some time, and especially during closing hours.

It is the installer's responsibility to make sure that the installation of the upstream tap / valve and of the connecting hose comply with EN 1717 and / or other local regulations in terms of water back flow and contamination prevention.

5 – USE

Pull out the hose till the desired length. The unit has a gear system which blocks the hose at regular intervals.

With a slight tug, the spring-driven hose retraction system is activated.

The hose retraction can be rather powerful (the spring has a maximum load of about 6 Kg); for this reason, the user should hold the spray gun until the hose is completely rewound, in order to avoid potential damage to the spray gun and / or the surrounding environment during retraction.

DO NOT push the hose inside the case: always let the retraction spring pull the hose back in. Forcing the hose into the case may damage the retraction spring.

DO NOT pull out the hose completely and, in any case, do not keep pulling it when it is completely extracted, or you might damage the internal couplings.

Whenever the MIDIReel has not been used for some time, the quality of the water stagnating inside the hose might be compromised.

In such case, follow the recommendation of European Norm EN 1717:2000, par. 4.5: eliminate the stagnating water using the spray gun; always rinse the hose abundantly before using it after a long period of inactivity.

Note: when full of water, the retractable hose can contain almost 0.5 litre of water. Considering the minimum water output of 0.14 l/sec with low pressure and the smallest spray gun, it should be enough to rinse the hose for about 30 seconds.

The hose is however tested for compliance with FDA (CFR 21, Parts 170 to 199, Item 177.2600 f) requirements for contact with drinking water.

6 – MAINTENANCE

Maintenance should be carried out exclusively by professional service personnel according to the MIDIReel's Maintenance and Repair Instructions Manual.

Do not try to open the MIDIReel's case or to loosen / remove any of the screws.

In case of malfunction, the User should apply to specialized service personnel.