



BR 1.05.08-HW/E

# 01 013

BR 1.03.10-HW/E

# 01 014



## OPERATION MANUAL

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### 1. Safety instructions



**Please observe:** This operation manual contains all necessary information. Please read carefully to avoid damages and faults. All Rapid pieces of equipment are checked carefully before delivery for their perfect composition and function. In case of improper use all rights to claim under guarantee are void.



Make sure that only skilled staff is working with this device in order to prevent damages and accidents caused by improper use.



Environmental conditions i.e. humidity, low temperatures, sunlight and contamination may damage device.



Before using the device make sure that it is not contaminated to prevent any injury. Avoid any contamination of device as well as of environment. In case of any contamination during operation of device take care that it is immediately and professionally removed.



Always wear safety cloths respecting the applicable regulations for accident prevention



Only use this device conforming to its purpose and function. Improper use can cause severe injuries.



Caution – moving parts, sharp edges, hot machine parts or exhausting steam can cause severe injuries.



Before use always check the device for damages and leaks. In case of any damage or leak make sure that it is repaired professionally before use. Operation of defect device may cause severe injuries.



In case of any sign of damage or malfunction during operation of device stop device immediately to prevent injuries. Before next use make sure that the device professionally repaired.



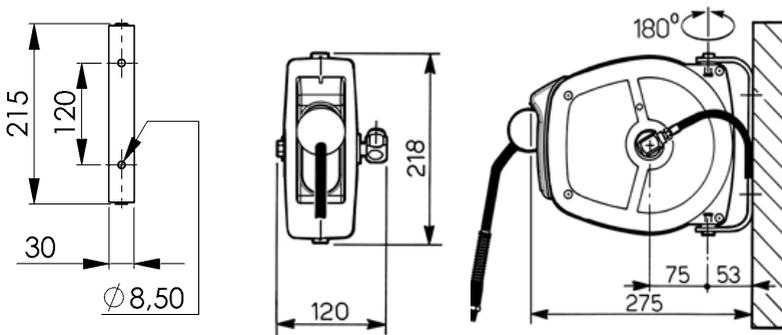
Take care that in case of an accident all emergency measures are on hand

## 2. General advice

These hose reels have to be used only for distributing fluids, at the pressures and temperatures indicated on the schedule. We decline any responsibility for anomalies or dangers which could arise by an hose assembly with characteristics and uses different from the ones described herein.

## 3. Technical data

Model	Art.No.	Max. pressure	Inlet	Outlet	Hose	Hose length	Weight
1.05.08-HW/E	01 013	20 bar	8mm	1/4"	LPU 8x12	5m	3kg
1.03.10-HW/E	01 014	20 bar	10mm	3/8"	LPU 10x14	3m	3kg



## 4. Description

The hose reels are made of stainless steel AISI 304 except for some parts made of nylon and brass.

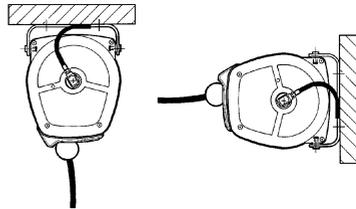
The hose rolling is done automatically by a spring made of high quality steel, incorporated in the drum. The stop can be done at any desired length, through an automatic locking device.

## 5. Assembling / Installation

**WARNING:** The installation of the hose reel and the connection to the piping network are allowed to qualified personnel only!

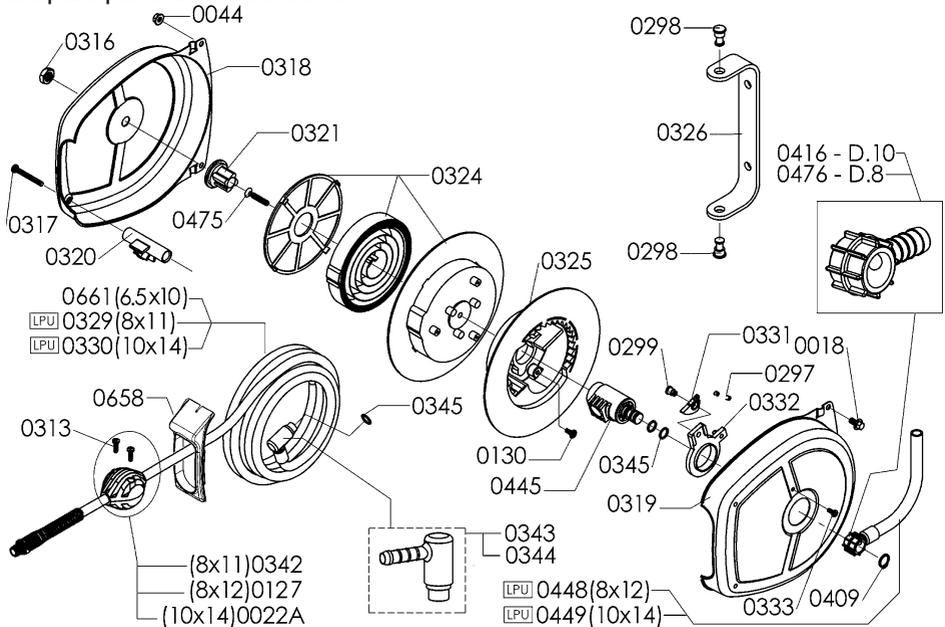
**IMPORTANT:** The hose reel has to be wall mounted at a minimum height from the floor of 2.50 m in order to prevent accidents during work operations.

- Mount the hose reel to a solid, smooth wall surface using 2 screws 8 mm. in diameter.
- Always connect the hose reel to the line with a flexible hose.
- Put an air valve on the feed line of the hose reel for ease of maintenance. The air valve can be used as a safety valve in the event of an accident.



**WARNING!** The manufacturer declines any responsibility for injuries to people or damages to things caused by a wrong assembly of the hose reel.

## 6. Spare parts and accessories



Pos.	Description	Pos.	Description
0018 (x)	Screw TE M 6x10	0330	Hose 10x14 L = 3 m
0022A	Hose stopper D.10x14	0330	LPU hose 10x14 L = 3 m
0044 (x)	Nut M6 FR	0331	Ratchet hook
0127	Hose stopper D. 8x12	0332	Ratchet support
0130	Screw TC 5x12 HILO	0333 (x)	Screw TC M 4x10
0297	Spring for hook	0342	Hose stopper D. 8x11
0298 (x)	Pivoting support axis	0343	Union for hose ø 8
0299	Ratchet pivot	0344	Union for hose ø 10
0313	Screw TC 5x16 HILO	0345	O-Ring
0316 (x)	Nut M 12	0409 (x)	Seeger A 14
0317 (x)	Screw TC 5x67	0416	Plastic fitting D.10
0318 (x)	Spring half casing	0445 (x)	Swivel shaft
0319 (x)	Swivel half casing	0448	Hose 8x12 L= 1 m
0320	Spacer L = 68	0448	LPU hose 8x12 L= 1 m
0321	Spring linkage shaft	0449	Hose 10x14 L= 1 m
0324	Spring	0449	LPU hose 10x14 L= 1 m
0325	Half drum	0475	Screw TSP 6x34 Torx
0326 (x)	Swivel bracket	0476	Plastic fitting D.8
0329	Hose 8x11 L= 5 m	0658	Hose guide
0329	LPU hose 8x12 L= 5 m	0661	Hose 6,5x10 L= 6 m

## 7. Operation

To get the maximum efficiency during work operations, we suggest that you unroll the hose for the required length only.

The hose can be stopped at the desired length at every turn of the drum.

To rewind the hose, put a light traction on it.

Always hold the hose when you rewind it in order to avoid damages to the machine, injuries to people or surrounding things.

## 8. Maintenance and trouble shooting

**8.1 IMPORTANT:** Any maintenance operation shall be carried out by a suitable trained staff.

- check periodically:

8.1.1 The correct operation of the hose reel.

8.1.2 That there are no fluid losses from the couplers and the swivel joints.

8.1.3 The good condition of the flexible hoses.

- We advise you to contact the manufacturer for any possible anomaly and before replacing any part.

## 8.2 Repairs:

**IMPORTANT:** Any maintenance operation shall be carried out by a suitable trained staff following carefully the information given in this manual.

- **WARNING!** Before starting any operation in the reel:

8.2.1 Turn off the supply of fluid.

8.2.2 Take out the hose rubber stopper and release the hose slowly until the spring is completely unloaded.

- Check and replace periodically:

8.2.3 The seals of the swivel joint.

8.2.4 The flexible hose.

- Any replacement of the hose reel parts has to be done using original spare parts.

**8.3 WARNING:** Before performing any operation, position the stopper at the end of the hose, reel the hose completely and make sure that the spring is completely slackened. Use a hose with dimension and pressure characteristics suited to the use (see table of characteristics).

8.3.1 Take the inlet hose off by removing the seeger (figure A).

8.3.2 Insert a 5 mm hexagon driver into the 6 flats of the spring hub. Unfasten the nut with a 19 mm driver, holding in place with the hexagon driver (figure B). Release the spring by turning the hexagon driver slowly clockwise.

8.3.3 Remove the nut and the 4 attachment screws from the two half-casings.

8.3.4 Remove the half-casing and take out the drum (fig C).

**WARNING: DO NOT OPEN THE SPRING CASING. SPRING REPAIR OR REPLACEMENT OPERATIONS MUST ONLY BE PERFORMED BY QUALIFIED TECHNICIANS.**

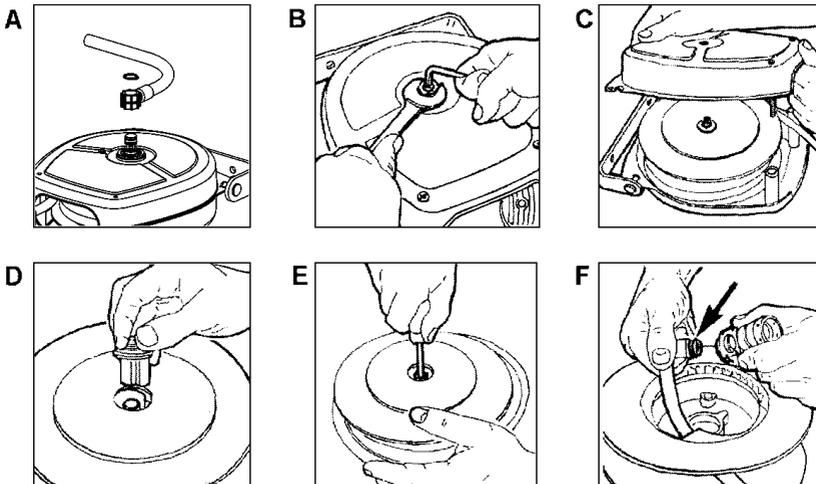
8.3.5 Take the spring hub out of the drum (figure D).

8.3.6 Unfasten the central screw and remove the bushing (fig E).

8.3.7 Separate the hub from the drum and take the tube coupling out of the hub (figure F). Remove the o-ring.

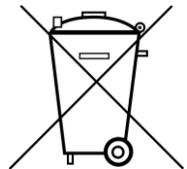
8.3.8 Position the o-ring on the coupling and insert the coupling into the hub hole.

- 8.3.9 Reposition the hub in the drum by fastening the central screw and insert the spring hub.
- 8.3.10 Fit the stop approximately 50 cm from the opposite end of the hose and reel the new hose on the drum.
- 8.3.11 Grease if required. Reassemble the reel, following the operations in reverse order.
- 8.3.12 Insert a hexagonal wrench in the hub hole. Turn the wrench anti-clockwise so that the limit stop is in contact with the hose guide end fitting. Prestress the spring by continuing to turn the wrench anti-clockwise (5 turns).
- 8.3.13 Hold the wrench in position and fasten the nut. Perform a functional check. If the hose does not go in completely or does not come out completely, readjust the tension of the spring (point 12) Slide the limit stop to the required distance from the end of the hose (minimum 1 metre).



## 9. Disposal

- 9.1 Completely empty all parts of the equipment ( hoses, pumps , tanks , etc ) and given case blown out with air .
- 9.2 Dangerous parts of the appliance must be made unusable f.e. perforate pressure vessel , deform hose reels , etc.
- 9.3 Rubber , metals, glass ect. must be separated .  
Dispose material fractions according to the local laws and regulations .



## YOUR CONTRIBUTION TO PROTECT THE ENVIRONMENT

The pertinent regulations for the registration, setting up and operation of equipment for dealing with materials hazardous to water must always be complied with by the user.

## 10. Warranty

- 10.1 In case of insufficient maintenance, faults on operation, use of not adequate spare parts or attachments all liabilities and rights of claim under guarantee are void.
- 10.2 The manufacturer is not liable for improper use of the container or ignoring the safety instructions.
- 10.3 Technical modifications are subject to change without announcement.

