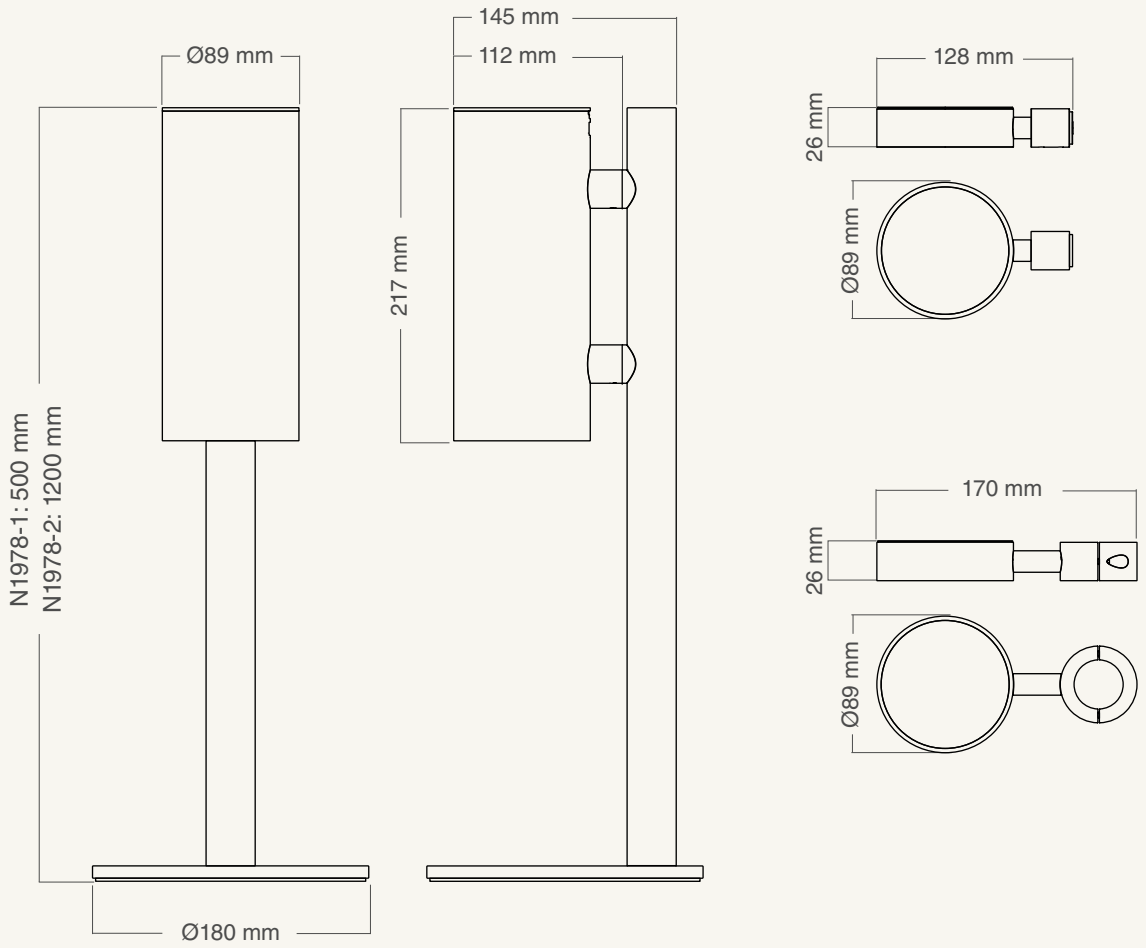
FROST
DENMARK

SOAP & DISINFECTANT TOUCH-FREE DISPENSER

DESIGNED BY BØNNELYCKE MDD

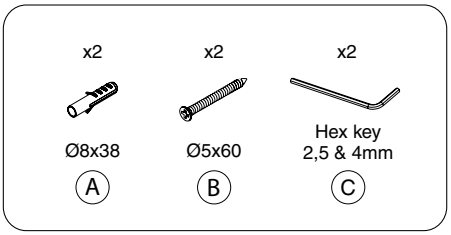
PRODUCT DETAILS, TECHNICAL DETAILS AND FITTING INSTRUCTIONS



BEFORE MOUNTING

! By choice, the dispenser is either wall mounted or fixed to an additional dispenser stands.
NOTE: Do not mount the dispenser in direct sunlight, be aware of reflective surfaces below the sensor and do not mount the dispenser in the shower.

Applicable power supply: DC9V (AA x 6)
Refill container capacity: Approx. 500 ml (17 oz) (approx. 600 doses)
Metered dose: 0.8 ml-6.5 ml (adjustable)
Ambient temperature: 0.1-45 °C
Sensing distance: 5-15 cm (2-6 in)



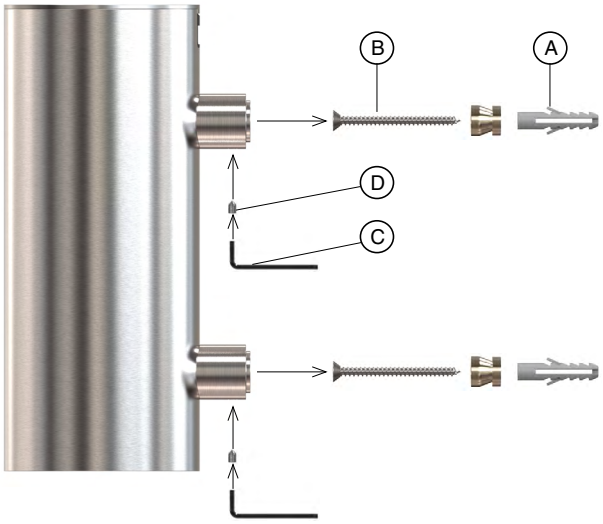
MOUNTING ON THE WALL

1 Choose the placement for the dispenser.
The bottom of the dispenser must be mounted at least 25 cm from the nearest reflector or tabletop.

Mark the screw holes with a CC distance of 114 mm.
Drill the marked holes using a 8 mm drill bit and insert the enclosed Ø8x38 mm wall plugs (A).

Secure the inserts on the wall with the enclosed Ø5x60 mm screws (B).

Press the Dispenser on to the inserts.
Securely tighten the set screws (D) underneath with the 2,5 mm hex key (C).



2 **Mounting of Drip Bowl 1978-4 on a wall**



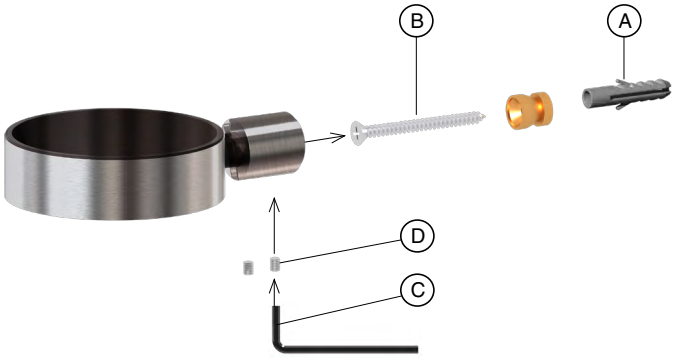
An additional Drip Bowl for the dispenser on the wall is available.

Choose the placement for the Drip Bowl.
We recommend mounting it 25 cm from the dispenser.

Drill the marked hole using a 8 mm drill bit and insert the enclosed Ø8x38 mm wall plugs (A).

Secure the brass insert on the wall with the enclosed Ø5x60 mm screw (B).

Press the Drip Bowl on to the insert and securely tighten the set screws (D) underneath with the 2,5 mm hex key (C).



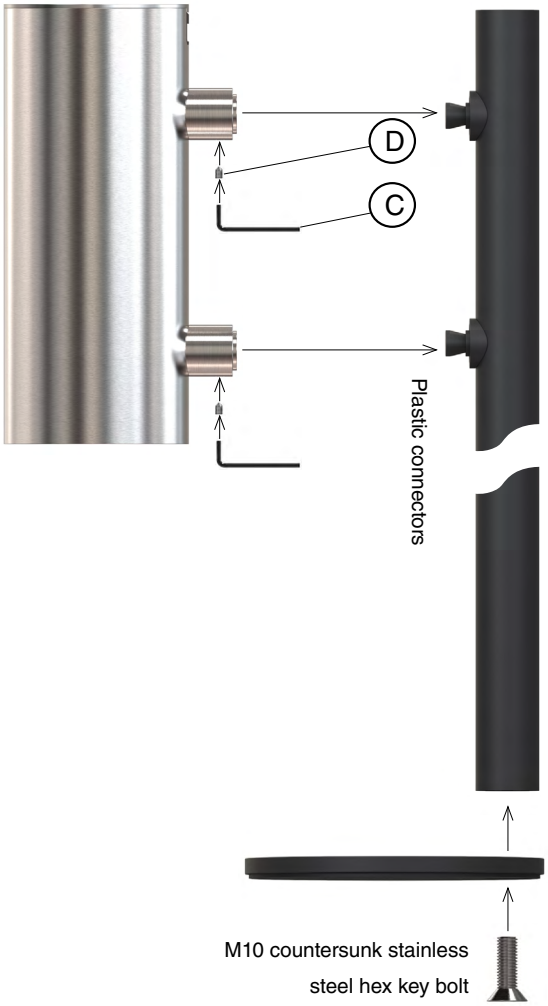
MOUNTING ON THE STANDS

1

Attach the base to the Floor Stand or Table Stand using the supplied M10 countersunk hex bolt and tighten securely.

Align the dispenser with the plastic connectors on the stand and carefully press it into position.

Tighten the set screws (D) located on the underside of the dispenser using the supplied 2,5 mm hex key (C) until the dispenser is firmly secured.



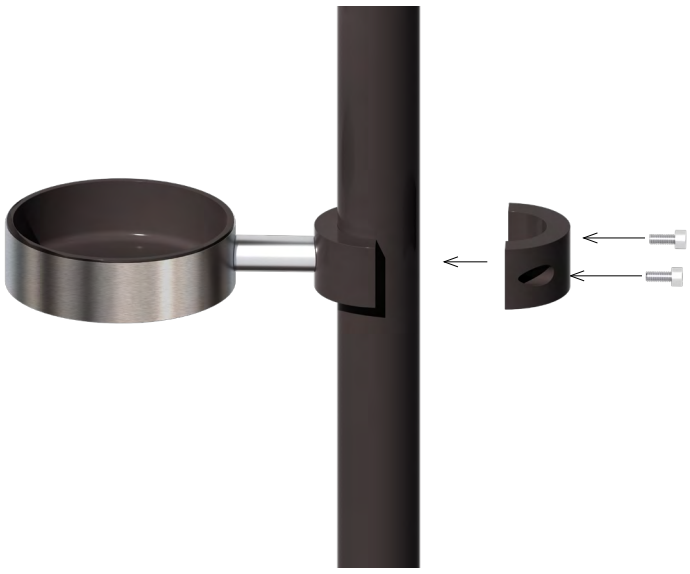
2

Mounting of Drip Bowl 1978-3 on the Stands

An additional Drip Bowl for the dispenser on the stand is available.

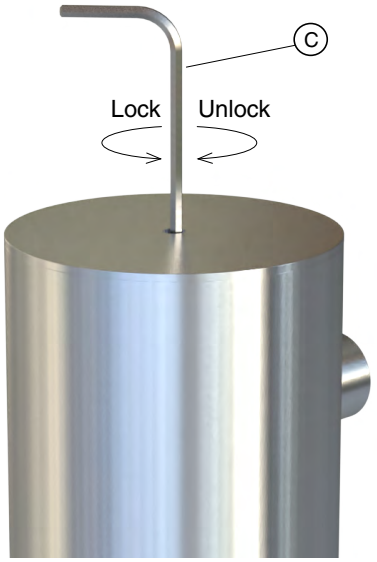
Choose the placement for the Drip Bowl.
We recommend mounting it 25 cm from the dispenser.

Attach the Drip Bowl to the floor stand or table stand using the supplied bolts and tighten securely.



(RE)FILLING THE DISPENSER

1. To fill or refill the dispenser use the enclosed 4 mm Hex Key Ⓒ to unlock the dispenser lid.



2. When the lid is removed, simply fill the container with liquid soap or disinfection gel. We recommend using a funnel, to ensure the fluids does not come into contact with the batteries.

The container has a capacity of approximately 500 ml (17 oz).

NOTE: Always use low-viscosity liquids. Do not use shampoo, conditioner, shower gel, or similar products. The enclosed soap and sanitiser stickers can be applied to the dispenser lid for easy identification.

PLEASE NOTE: **Do not overfill the soap container.** Filling the container beyond its recommended capacity may lead to malfunctions or permanent damage to the dispenser.





Liquid Soap sticker icon

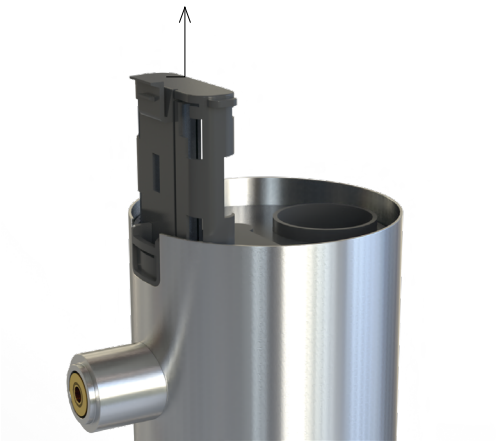


Disinfection Gel sticker icon

INSERT / CHANGE BATTERIES

1

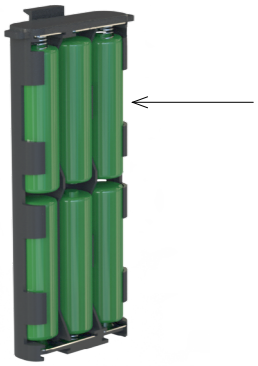
Remove the lid.
Press the Battery Release in and upwards to pull out the Battery Box.



2

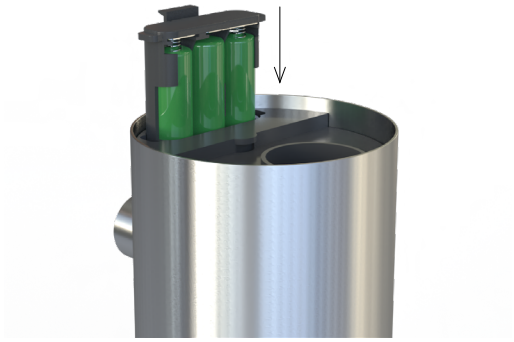
Insert (replace) the six AA batteries in the Battery Box.

NOTE: To ensure a long service life, always use high quality AA batteries, make sure all six batteries are from the same brand and never mix used batteries with new ones.



3

Slide the Battery Box back in and gently press down the Battery Release.
Place the dispenser lid back on and lock it with the enclosed Hex Key.



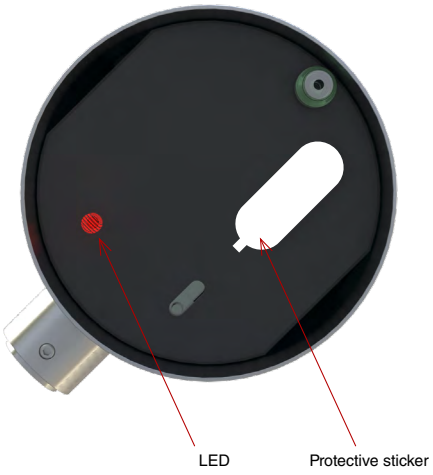
4

On the bottom of the dispenser the LED will flash 5 times and enter Normal Operation Mode.

Remove the protective sticker from the Sensor and the dispenser is ready for use without any further settings.

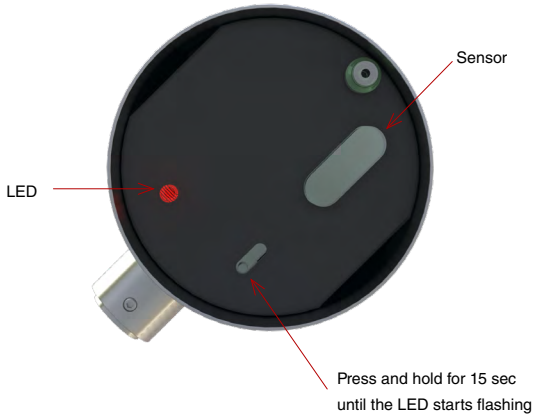
NOTE: The LED will automatically start flashing when the batteries needs to be replaced.

NOTE: If the dispenser does not enter Normal Operation Mode when the battery box is pressed down the battery release, please note that the dispenser might be in Sleep Mode.
In such case please see “Sleep Mode Settings” on page 7 for further settings instructions.

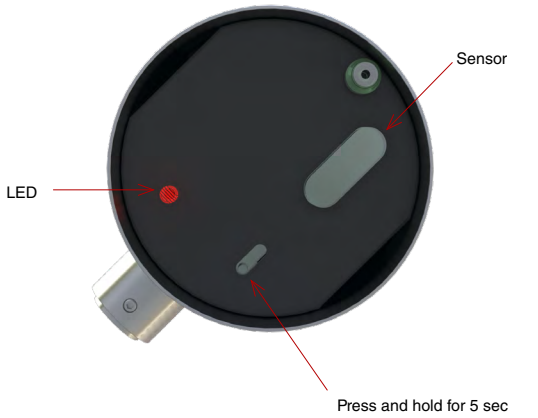


PROXIMITY SENSOR SETTING

1 When the protective sticker on the Sensor has been removed, press and hold the Setttings Button, until the LED starts flashing, to enter the System Setting Mode.



2 To enter the Proximity Sensor Mode press and hold the Settings Button for 5 seconds and release when the LED starts flashing.



3 Place the palm of your hand below the Sensor within the required sensing distance from the dispenser bottom and hold while the LED flashes.

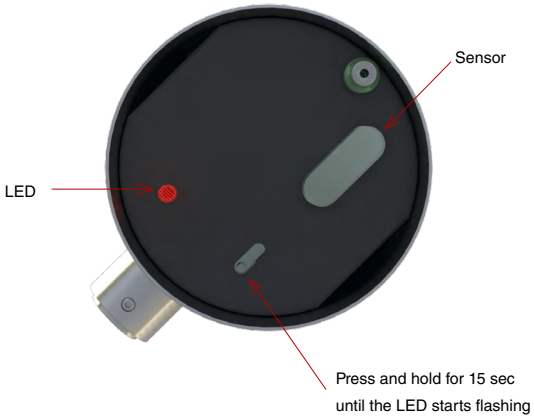
When the LED flashes stops, the Proximity Sensor Setting is complete.

NOTE: The sensing distance must be between 5-15 cm (2-6 in).

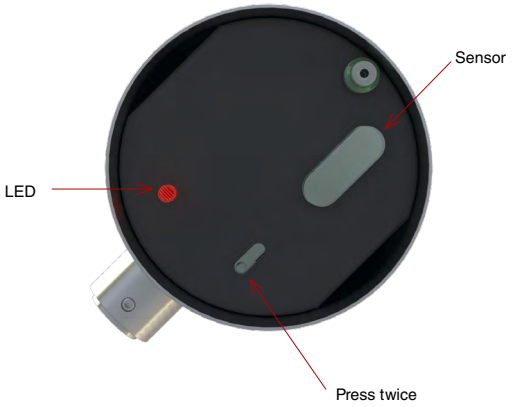


LIQUID OUTPUT SETTINGS

1 Press and hold the Settings Button, until the LED starts flashing, to enter the System Setting Mode.



2 Press the Settings Button twice to enter the Liquid Output Settings. Take notice of where the Sensor is located.



3 When the LED flashes place the palm of your hand below the Sensor to activate it.

Remove your hand when you reach the metered dose of your request.

When the LED flashes stops, the Liquid Output Setting is complete.

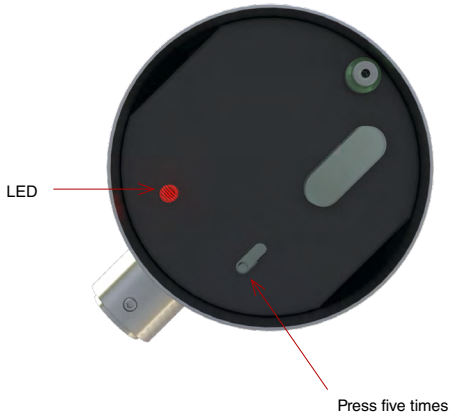
NOTE: The metered dose must be between 0,8 - 6,5 ml.



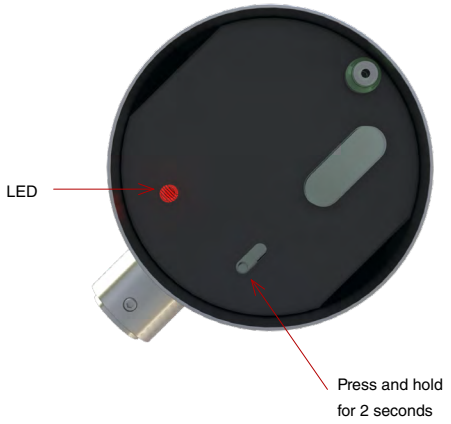
SLEEP MODE SETTINGS (DURING CLEANING / MAINTENANCE)

1. To avoid accidental operation during cleaning or maintenance, press the Settings Button five times.

   When the LED stops the dispenser has entered Sleep Mode.



2. Press and hold the Settings Button for 2 seconds for the dispenser to return to Normal Operation Mode.



SIMPLE TROUBLE SHOOTING

SITUATION	POSSIBLE REASON	TREATMENT
The LED light is not on	Abnormal power supply	Please check the circuit or batteries
	Sensing distance is too short	Adjust the proximity sensor settings
	Poor battery contact or out of battery	Replace the batteries
	The Sensor is dirty	Clean the sensor
LED light is normal but no liquid output	Sensor continuously sensing	Remove possible obstacles from the sensor
	Sensing distance is not as recommended	Adjust the proximity sensor settings
	Machine stoppage	Please inform the dealer
Insufficient liquid output	Induction time is too short	Adjust the liquid output settings
	The liquid is too viscous	Please change into low viscosity liquid
	Liquid solidification or blockage	Please use it several times continuously until the liquid can be ejected normally
The dispenser does not enter Normal Operation Mode when the battery box is pressed down into battery release	The dispenser is in Sleep Mode	Press and hold the Setting Button for 2 seconds for the dispenser to enter the normal Operation mode.

VIDEO GUIDES FOR N1978

Click or scan the QR-codes to watch our videos guides

TECHNICAL DETAILS

REPLACEMENT OF INNER BOX

PRODUCT OVERVIEW

SOAP & DISINFECTANT DISPENSER 1978
500 ml with sensor, touch-free f/stand and f/wall

Stainless Steel
Diameter: ø89 mm
Height: 217 mm
Projection: 112 mm
Weight: 2 kg

Design: Bønnelycke MDD


Brushed Stainless
N1978


Brushed Copper
N1978-BOC


Brushed Gold
N1978-BMG


Brushed Black
N1978-BCB


Polished Stainless
O1978


Polished Copper
N1978-C


Polished Gold
N1978-GO


Matt Black
N1978-B


Matt White
N1978-W

TABLE STAND 1978-1
for soap- & disinfectant dispenser w/sensor

Stainless Steel
Diameter: ø32/ 180 mm
Height: 500 mm
Weight: 3 kg

Design: Bønnelycke MDD


Brushed Stainless
N1978-1


Matt Black
N1978-1-B


Matt White
N1978-1-W

FLOOR STAND 1978-2
for soap- & disinfectant dispenser w/sensor

Stainless Steel
Diameter: ø32/ 250 mm
Height: 1200 mm
Weight: 10 kg

Design: Bønnelycke MDD


Brushed Stainless
N1978-2


Brushed Gold
N1978-2-BMG


Matt Black
N1978-2-B


Matt White
N1978-2-W

DRIP BOWL 1978-4
for wall mounting

Stainless Steel/ Black Plastic
Diameter: ø89 mm
Height: 25 mm
Projection: 128 mm
Weight: 0,5 kg

Design: Bønnelycke MDD



Brushed Stainless
N1978-4



Brushed Copper
N1978-4-BOC



Brushed Gold
N1978-4-BMG



Brushed Black
N1978-4-BCB



Polished Stainless
O1978-4



Polished Copper
N1978-4-C



Polished Gold
N1978-4-GO



Matt Black
N1978-4-B



Matt White
N1978-4-W

DRIP BOWL 1978-4
for Table Stand 1978-1
or Floor Stand 1978-2

Stainless Steel/ Black Plastic
Diameter: ø89 mm
Height: 25 mm
Projection: 170 mm
Weight: 0,6 kg

Design: Bønnelycke MDD



Brushed Stainless
N1978-3



Brushed Gold
N1978-3-BMG



Matt Black
N1978-3-B



Matt White
N1978-3-W

INSIDE BOX
for soap- & disinfectant
dispenser w/sensor

Design: Bønnelycke MDD



N1978-INSIDEBOX

CLEANING AND MAINTENANCE

Surfaces should be cleaned with a microfiber cloth, glass cleaner or other non abrasive and gentle agents.

ATTENTION:

Never use solvents or aggressive household cleaners like bleach, acids (e.g. descalers) or ammonia-based bathroom cleaner to clean the product. Steel wool and hard brushes can permanently damage the surface of the steel.

EXCLUSION OF LIABILITY

FROST accepts no liability whatsoever for damage to persons or property that occurs or has occurred as a result of improper installation or maintenance, particularly if the safety instructions and other points to note listed are not or have not been observed in full.

WARNING AND HAZARD NOTICES

Improper mounting or use can lead to accidents and serious injuries.

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