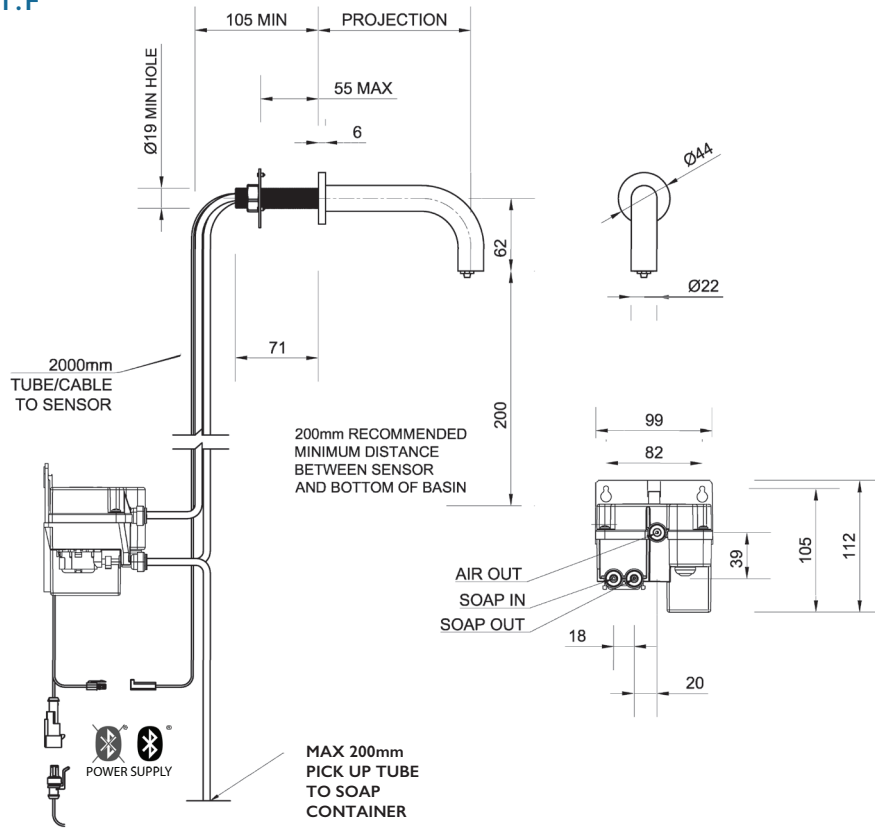DS311.F

DOLPHIN THRU PANEL MOUNTED INFORM (SMART) FOAM SOAP DISPENSER

INSTALLATION AND MAINTENANCE GUIDE

PRODUCT CODE

DS311.F.125   › 125mm Projection
DS311.F.150   › 150mm Projection
DS311.F.175   › 175mm Projection

DS311.F

TECHNICAL DATA

› Dolphin Thru Panel Mounted InForm (SMART) Foam Soap Disepnser

› Manufactured from high-quality, highly durable 1.4401 (316) Marine grade stainless steel.

› Self-Monitoring Analysis and Recording Technology (SMART) allows the Facilities Manager to connect point to point via the Dolphin SMART App when used with the optional Bluetooth Adaptor (Sold separately -Order product code 26040)

› Infra-Red Touch Free Soap Dispenser for ultimate hygiene

› Prevents cross contamination Sensor mounted in end of spout

› Designed to be mounted thru an IPS panel

› Dispenses 0.8ml of foam soap per operation

› Power Supply: *

› Nominal Current: Less than 1mA (Less than 25mA with Bluetooth)

› Nominal Power: Less than 1W

› IP67 Connector

* See page 6 for power supply and other options

Product Codes

DS311.F.125   › 125mm Projection
DS311.F.150   › 150mm Projection
DS311.F.175   › 175mm Projection

Coding Explained Style

DS31.F 90° Bent Spout
DS31X.F.XXX.X

Projection

125/150/175mm
DS31X.F.XXX.X

Finish

1 Brushed Satin
2 Mirror Polished
3 PVD Brushed
4 PVD Mirror
5 Powder Coated
6.Ceramic coated
DS31X.F.XXX.**X**

Colour

Suffix to end of code
(Number allocated by Dolphin Solutions)

Example Coding

DS311.F.150.1
90° Bent Spout
150mm Projection Brushed
Satin Finish

Options

Bluetooth
PVD
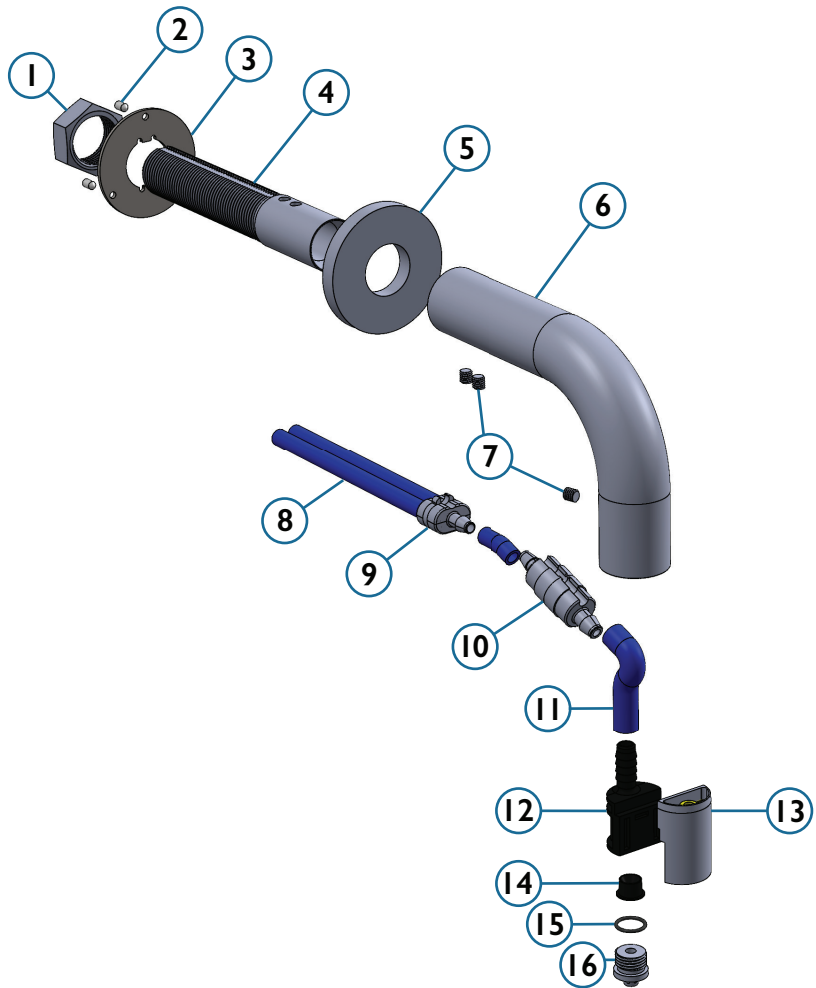Powder Coating

PACK CONTENTS

1. NUT
2. Grub Screw
3. Lock Washer
4. Tail
5. Rosette
6. Body
7. Grub Screw
8. 6mm Tubing
9. Non - Return Cartridge
10. Foaming Cartridge
11. 4mm Tubing
12. Nozzle Housing
13. Sensor Assembly
14. Adaptor
15. O Ring
16. Nozzle

Options

✓ ? Order **26040** seperately

Standard

PRE INSTALLATION

> Where possible check that all the components in the list above are present and that they are in good condition before installation. If any components are missing contact Dolphin Solutions.

⚠ WARNING

> Highly reflective surfaces directly beneath the sensor of this product, in particular polished finish basin wastes/strainers, will cause false activation of the infrared sensors and can result in malfunction. We recommend Satin or Matt finish products which can be found on our website.
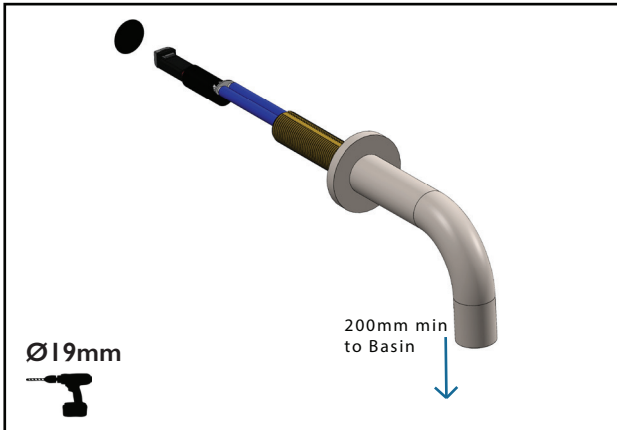
> Sitting water may also cause the tap to activate

> All Electrical installation must be carried out by a qualified person and in accordance with applicable codes and regulations.
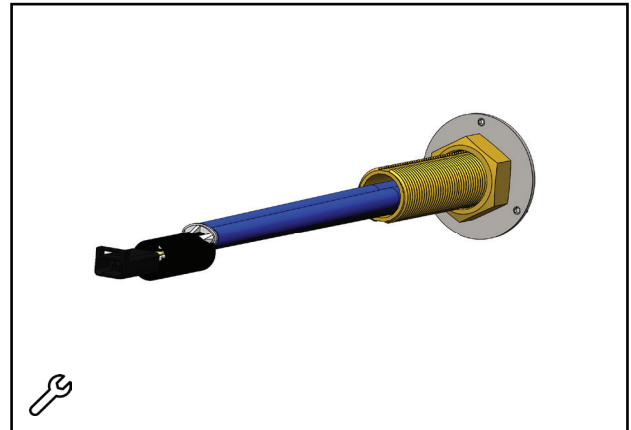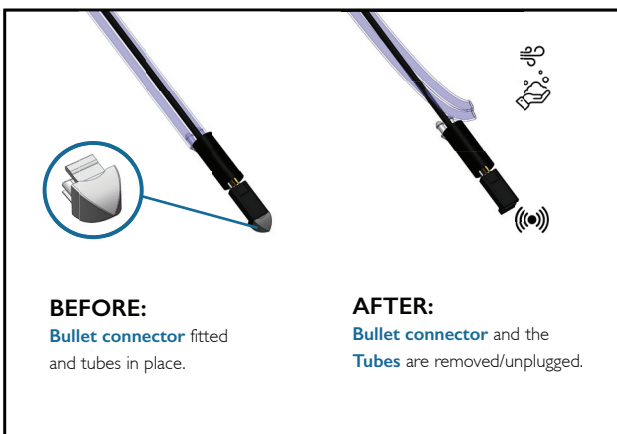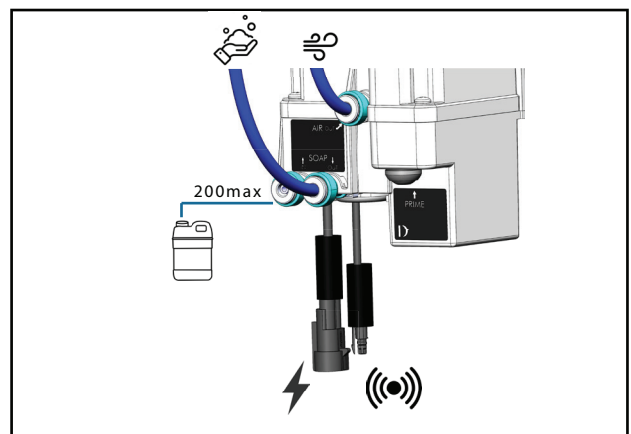
> Do not kink the supply hoses.

INSTALLATION

Step 1

Ø19mm

200mm min
to Basin

Step 2

Step 3

BEFORE:
Bullet connector fitted
and tubes in place.

AFTER:
Bullet connector and the
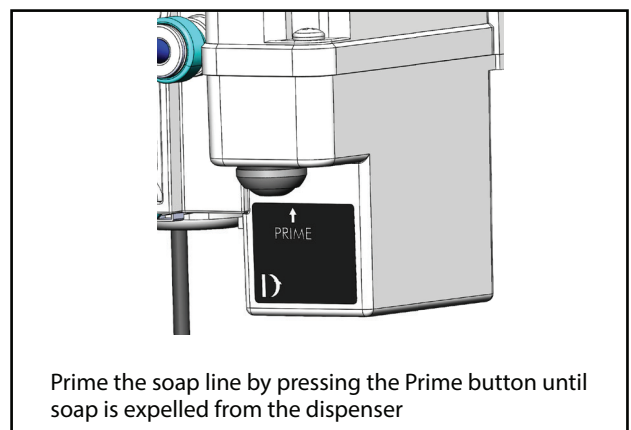**Tubes** are removed/unplugged.

Step 4

200max

Step 5

> Switch on power supply - see page 5 for options
> The Sensor is self adjusting.

*Further adjustments can be made by purchasing the
Bluetooth Adaptor and downloading the App
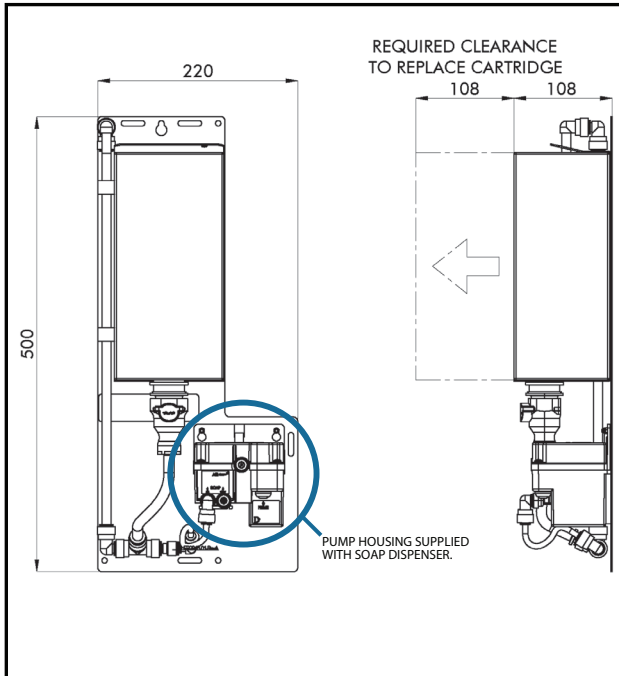
Power Supply Options:
26001 Universal Mains PSU (UK/EU/AU/US
regional pins supplied).
26004 Hardwire psu
26007 Battery Pack

Step 6

Prime the soap line by pressing the Prime button until
soap is expelled from the dispenser

SOAP CONTAINER OPTIONS

2 Litre Cartridge - Single Feed

REQUIRED CLEARANCE TO REPLACE CARTRIDGE

220

500

108 108

PUMP HOUSING SUPPLIED WITH SOAP DISPENSER.

5 Litre - Multi Feed

283

190 x130
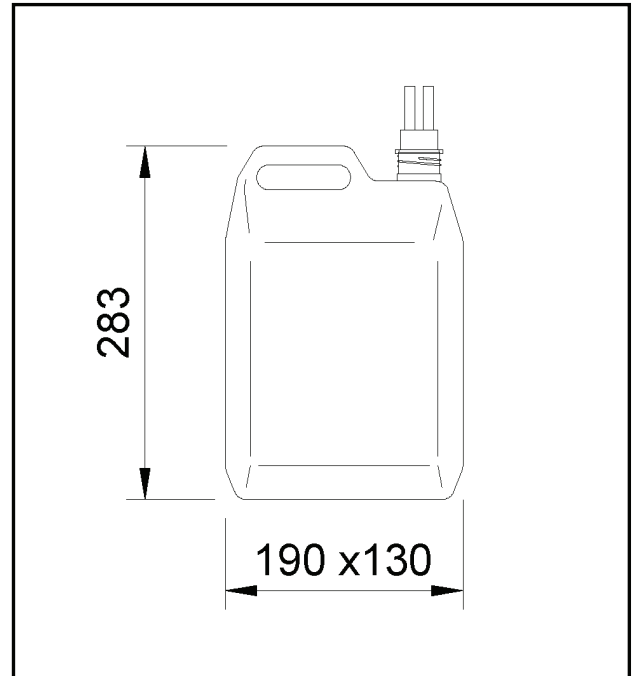
3.5 Litre Cartridge - Multi Feed

REQUIRED CLEARANCE TO REPLACE CARTRIDGE

400

500

139 139

500

Above Or Below

Max 200mm tube to pump housing
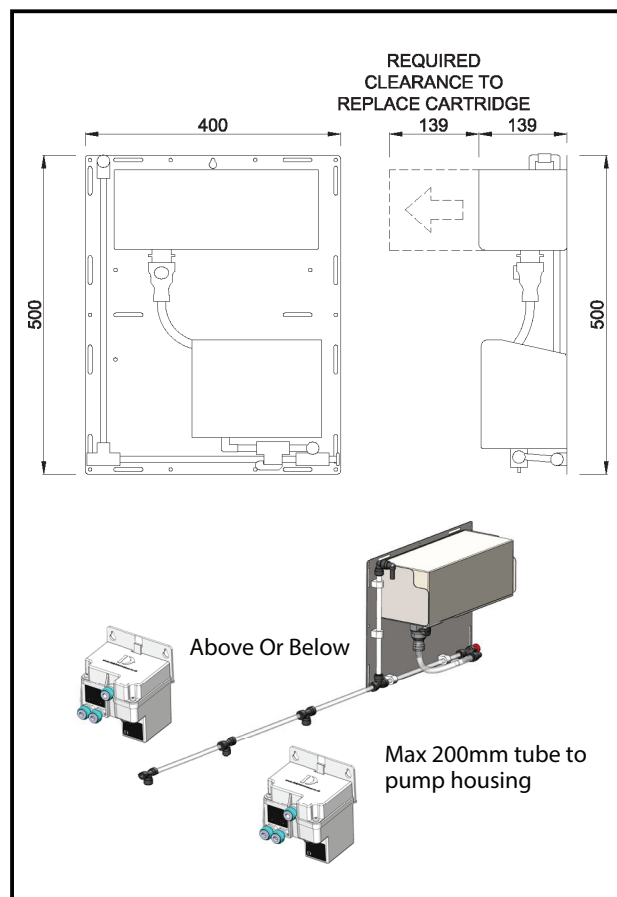
MAINTENANCE

DO NOT use steel wool or cleansing agents containing alcohol, acid, abrasives or the like. Use of any prohibited cleaning or maintenance products or substances could damage the surface of the tap. For surface cleaning of Soap Dispenser use ONLY soap and water then wipe dry with a clean soft cloth. Protect Soap Dispenser from splattering of harsh cleaners when cleaning surroundings

POWER SUPPLY OPTIONS

MAINS POWER SUPPLY UNIT PRODUCT CODE 26001

- Input voltage: 100   240V AC +/- 10%, 50 - 60 Hz
- Output voltage: 12V DC 1.0A 12.0W
- Standyby Power Consumption 0.1W
- OUTPUT RIPPLE @At 20MHz, and output parallel a 47uF/50V electrolytic capacitors and a 0.1uF/50V ceramic capacitors 300mVp-p
- Certifications: IEC/EN62368
- 1m Cable

HARDWIRE POWER SUPPLY PRODUCT CODE 26004

- Input voltage: 100   240V AC +/- 10%, 50 - 60 Hz
- Output voltage: 12V DC 1.0A 12.0W
- @At 20MHz, and output parallel
- Certifications:
- 1m Cable to m Cable (to Mains)

BATTERY PACK PRODUCT CODE 26007

- Requires a 6V lithium battery (CR-P2, approx. 1.500mAh) which has a lifetime of 200.000 switching cycles or 3-5 years depending on user frequency.
- 100mm Cable (Approx)
- Important note - the battery unit can't be used in combination with the Bluetooth adaptor.
- The battery unit contains the CR-P2 battery as delivery content.
- The housing enables a fixation on wall by using the mounting clips (part of the housing but screws are not included) or the rear affixed Velcro tape

BLUETOOTH ADAPTOR PRODUCT CODE 2

Bluetooth® version 4.0

The of the app required for using the system must be installed on the control unit in advance. The App is available for free in the iTunes Store (requires an Apple account) and the Google Play store (requires a Google account).

For operation under adverse environments, in buildings / rooms with reinforced concrete walls, steel and iron frame, or near obstructions (eg furniture) made from metal, the Bluetooth reception can be disturbed and interrupted.

Bluetooth®
Power consumption: Less than 25mA
Output: *Bluetooth*®- Class 2
Bluetooth®- version: 4.0
Bluetooth®- Transmission distance: about 10m (depending on the environments)
Automatic safety shut-off: (10/20/60 seconds - adjustable) 20 s
Run-on time (0 - 10 s adjustable): 1s
Detection Range - Levels 1 to 10 (10 = 120mm approx) 10