

## Flash'n'Fill™ with Auto Refill AFF/100-10-AR



### Properties

Enclosure: ABS Construction with IP Rating: 55

Supply Voltage/Frequency: 230V 50Hz

Fuse: 100mAT 20mm x 5mm

Dimensions: 13 x 15 x 6 cm

Net weight: 0.5 Kg

Fixing: Wall-mounted at a maximum of 2m above the operator's floor.

### Background

Flash'n'Fill™ with Auto Refill is an independent electronic warning device which operates in conjunction with float switches/level sensors to detect low levels of chemical. In an alarm situation a red beacon will flash to highlight that one of the containers is getting low on product and will require replenishment. At the same time an LED will be illuminated to draw attention to which chemical container needs replenishing and an audible warning will also sound intermittently; this can be stopped by pressing the mute button on the front of the unit. The sounder will activate again if another drum becomes empty. The sound can be stopped once again by pressing the mute button.

AFF/100-10-AR includes an auto refill module containing 8 low level alarm channels and 1 auto refill channel. This module uses a separate Peristaltic Pump Unit, which is activated by a special Float Switch Assembly containing two float switches. Automatic refill is initiated when chemical levels fall below the lower float switch and is halted by the higher float switch that indicates when the container is full. A 'fail-safe' safety timer that will stop the pump after a run time of 10 minutes has been built into the Flash'n'Fill™.

Depending on the set-up of the system, the Flash'n'Fill™ unit can also alarm if for some reason the monitored container is not filling up in the required time.



# Product Technical Data Sheet

## Features

- Selection of Float Switch Assemblies to suit a range of chemical containers.
- Easy to install and operate.
- Mute facility to disable the sounder mid-alarm.
- 24V or 110V input voltage options available.
- Includes 8 channels and 1 Auto Refill.

## Optional:

- Float switch lances to suit 5-10L, 20-25L, 50-60L and 200L or IBC container.
  - AFF/200-35-10 – Float Switch Assembly for 5-10 Litre Container.
  - AFF/200-50-10 – Float Switch Assembly for 20-25 Litre Container.
  - AFF/200-75-10 – Float Switch Assembly for 50-60 Litre Container.
  - AFF/200-110-10 – Float Switch Assembly for 200 Litre Container or IBC.
- Can be programmed for normally open or normally closed float switches.
- Fill option – external pump required with a special dual float switch.
  - AFF/300-35-10 – Auto-Refill Float Switch Assembly for 5-10 Litre Container.
  - AFF/300-50-10 – Auto-Refill Float Switch Assembly Lance for 20-25 Litre Container.
  - AFF/300-75-10 – Auto-Refill Float Switch Assembly for 50-60 Litre Container.

## Approvals:

CE Compliant

EMC Directive 2004/108/EC

Manufactured in the UK in an ISO9001-approved environment.

EU Tariff Code: 84349000

Ambic Equipment Ltd does not provide a warranty on this unit. Therefore, it is recommended that customers carry out life tests for their application prior to use. The information provided is given in good faith and believed to be current and correct at the time of publication. Ambic Equipment Ltd cannot accept responsibility for errors or omissions contained in this document.