

## 889 BC Nozzle

**Angus Hi-Combat Style 889 BC  
Self Inducing Monitor Nozzle**  
P/No. M258072

- Water jet or spray/fog pattern
- Flows 3800 lpm @ 7bar
- Self Inducing model
- Ideal for Industrial, offshore and other Marine applications
- Suitable for use with fresh or sea water
- Use with both Class A and B foam concentrates



The Angus Hi-Combat range of Monitor Nozzles have been designed for a wide range of applications that require a water jet or spray pattern. Whether for extinguishing fires, cooling tanks or other structures, these monitor nozzles will provide reliable and effective protection.

The 889 BC nozzle will deliver a non aspirated foam spray when used with film forming foams such as Angus Petroseal (FFFP) Tridol (AFFF & AR-AFFF) or Alco seal (AR-FFFP). The foam supply can either be premixed remotely or induced using the self-inducing facility on the nozzle.

This nozzle is intended for use with the Angus range of monitors, including the MM1 manual lever operated, OM80 automatic oscillating, HM80 hand monitor and the GMB48 monitor.

### Features include:

- Brass construction for maximum corrosion resistance
- Flow 3800 Litres/min (1000 USGPM) @ 7 bar
- In built stream shaper for maximum reach in straight stream mode
- Nozzle fitted with turn control bar to change Pattern from straight stream to spray or fog in a single movement
- Interchangeable foam orifice plates enable variable foam proportioning. 1% or 3%
- Standard foam pick up hose is 9 foot long and comes complete with a stainless steel dip tube.

### Options:

- Foam shut off valve at Nozzle
- Foam pick up kit for use with foam drums. 1m long rigid PVC dip tube complete with integrated shut off and 9 foot of pick up hose

### Nozzle Inlet:

Inlet 2½" BSP Female swivel  
(Optional NH/NST)

### Nozzle Weight:

8.5Kg

### Nozzle Length:

241mm

### Foam Inlet:

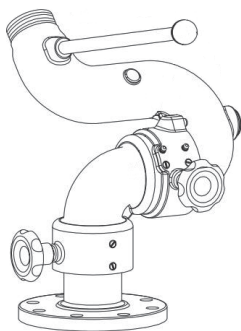
Quick release connection  
(1½" diameter hose)

### Angus Foam

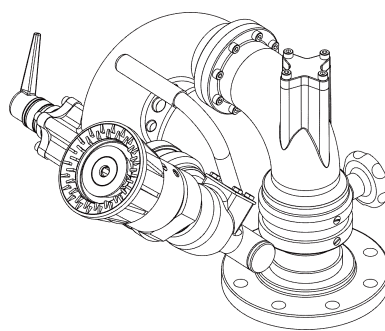
With appropriate mixing and application techniques, our latest Fluorine Free (SFFF and AR-SFFF) foam solutions may be applied through these semi-aspirated and conventional discharge devices to produce an effective fire-uppressing foam blanket.

Despite this, we would always recommend using aspirating foam application devices to achieve the best results.

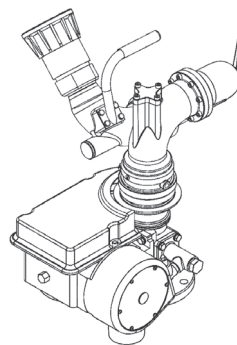
889 BC nozzle can be used with the following monitors:



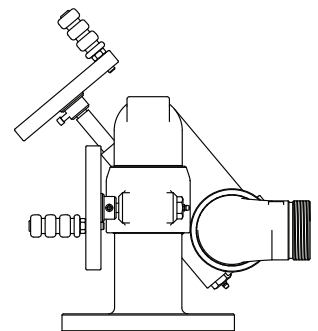
MM1



HM80



OM80



GMB48

# 888 BC Nozzle

## Angus Hi-Combat Style 889 BC Self Inducing Monitor Nozzle

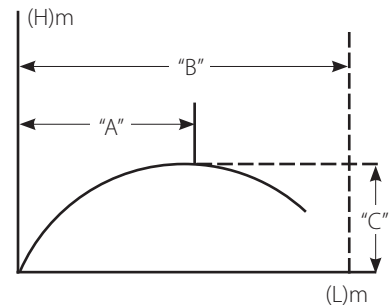
### Pressure vs Throw - Foam Discharge

| Flow (lpm)           | Pattern         | Pressure (bar) | Horizontal Reach "A" (m) | Overall "B" (m) | Vertical "C" (m) |
|----------------------|-----------------|----------------|--------------------------|-----------------|------------------|
| 3800<br>(1000 USGPM) | Straight Stream | 7              | 46                       | 72              | 13               |
|                      | Narrow Fog 30°  |                | 31                       | 46.5            |                  |
|                      | Wide Fog 60°    |                | 17                       | 27.5            |                  |

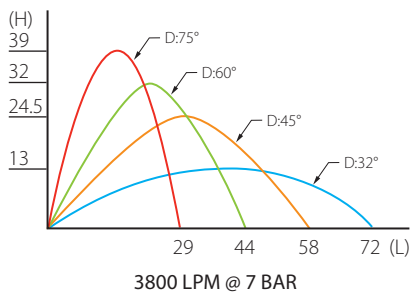
### Pressure vs Throw - Water Discharge

| Flow (lpm)           | Pattern         | Pressure (bar) | Horizontal Reach "A" (m) | Overall "B" (m) | Vertical "C" (m) |
|----------------------|-----------------|----------------|--------------------------|-----------------|------------------|
| 3800<br>(1000 USGPM) | Straight Stream | 7              | 51                       | 80              | 14               |
|                      | Narrow Fog 30°  |                | 34                       | 51.5            |                  |
|                      | Wide Fog 60°    |                | 19                       | 30.5            |                  |

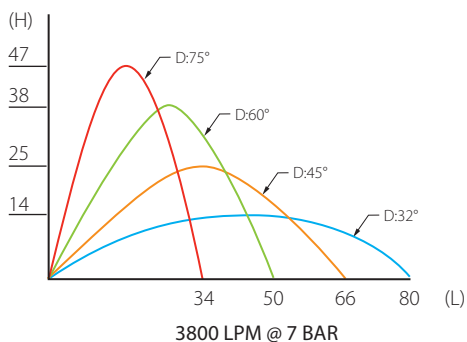
### Stream Reach



### Discharge Height vs Discharge Reach Graphs (m) - Foam



### Discharge Height vs Discharge Reach Graphs (m) - Water



NB: All performance data provided is theoretical only