

Responder 140



Features

- ✓ Low maintenance
- ✓ Improved handling and mobility
- ✓ Rapid deployment of foam extinguishing agent



The Angus Hi-Combat Responder 140 is a fully self-contained mobile foam monitor unit, designed for rapid deployment and easy operation by a single person in firefighting situations.

Its low centre of gravity and solid rubber tyres provide excellent handling and mobility, even over difficult terrain. For added stability during operation, the unit features screw shaft prop outriggers.

To use the unit, simply connect the supplied Angus Duraline fire hose to a suitable water supply, open the valve, and water will flow to the monitor. The foam induction valve is opened, allowing for foam deployment. The Responder 140 can be used with water for cooling or with foam for firefighting.

Specifications

Ideal for protecting high-risk areas such as oil storage and loading terminals, small airfields, and industrial sites, the Hi-Combat Responder 140 is available in two configurations. The first option includes a 140-litre foam concentrate tank, an Angus 605 brass industrial monitor, and an Angus F900 self-inducing aspirated foam cannon, designed specifically for fluorine-free foams.

The second option features the same base unit and monitor but comes with a Hi-Combat 883 brass nozzle, compatible with both fluorine free foams and Angus Fire legacy film forming foams. For optimal performance, we suggest using aspirating foam application devices. When using Angus Fire fluorine-free foams with the Combat 883 nozzle, we recommend following best practice application techniques as demonstrated in the video below.

For the 'Handline Techniques' video, scan the QR Code here:



Both models come with a 15m length of Dutch coiled 45mm Duraline fire hose, fitted with 2.5" instantaneous couplings (other connections are available). They also include two ball valves—one on the water inlet and one on the foam induction line, as well as a convenient pressure gauge on the inlet pipework to allow the pressure to be accurately controlled.

The robust, flow-efficient Angus 605 monitor is highly versatile and low-maintenance, featuring a durable stainless steel lever for easy control. This combination allows the firefighter to combat large fires from a safe distance. Once set up, the monitor can be locked in place and left unattended.

Fast And Effective Deployment

Designed for rapid deployment with minimal manpower, the Responder 140 – fitted with the F900 SI foam cannon – has been tested and confirmed compatible with the full range of Angus Fire Fluorine Free foams.

The unit can alternatively be equipped with the Hi-Combat 883 brass nozzle, offering selectable Jet or Fog modes for enhanced firefighting flexibility. All component parts and materials have been selected to minimise maintenance need.



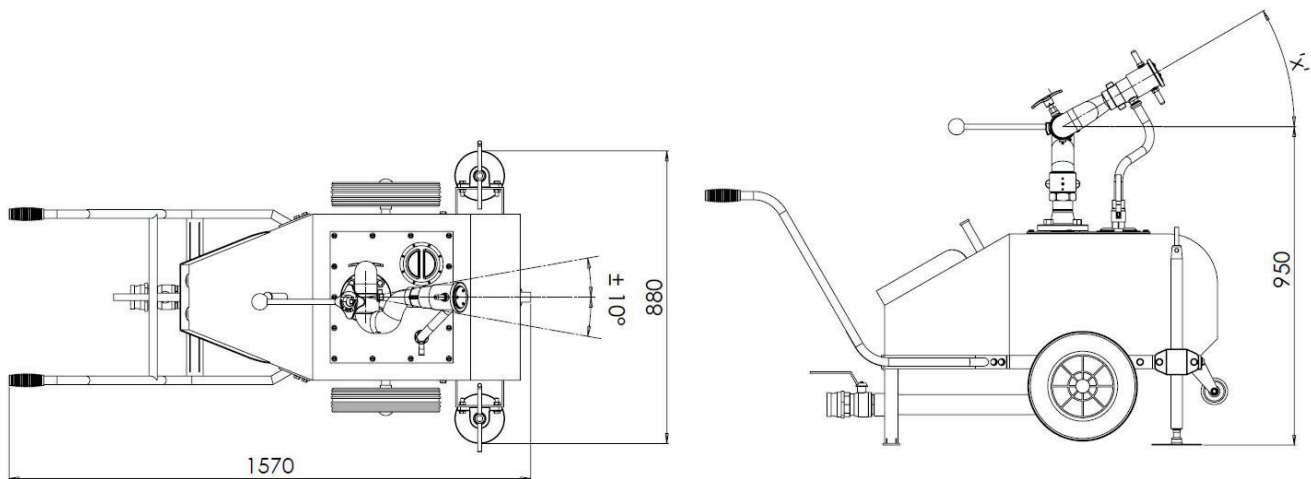
Responder 140 with the Angus aspirated F900SI cannon.



Angus Fire aspirated F900SI cannon.



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Performance

Performance	F900 S.I Cannon	883-BC S.I Nozzle
Recommended Pressure range	5-10 Bar	3*-10 Bar
K Factor	408	323
Optimum operating pressure	7 Bar	7 Bar
Max throw (@ 10 Bar), 35 Degrees	38	40
Nominal operating time**	4.3 mins	4.7 mins

* For cooling applications. For foam induction, pressure range is between 5-10 Bar.

** Foam tank can be refilled whilst in use, or foam sucked from separate foam drums.

Construction

Foam Tank	Thermoplastic coated steel
Tank Capacity	140 litres
Chassis	Thermoplastic coated steel
Tyres	Solid rubber
Monitor	Style 605 brass
883-BC S.I Nozzle	Brass
F900 S.I Cannon	Gunmetal induction nozzle

Typical Packing Specification

Container	One case (Plywood)
Approx case dimensions	1650mm x 950mm x 1200mm
Dimensions of Responder 140	1570mm x 880mm x 1100mm (min height)
Approx Responder 140 weight (empty)	120kg



Ordering Information

Part number AT111100

Angus Responder 140 – litre mobile foam tank with Style 605 Brass monitor & Style 883-BC-SI nozzle.

Supplied with:

- 2 x screw down jacks
- 2 x solid wheels
- 1 x 15m x 45mm Duraline fire hose with 2½ inch British instantaneous couplings in light alloy

Part number XA6024Y

Cover – Yellow PVC

Standard unit is fitted with 2½ inch British instantaneous connections in light alloy.

Other connections and materials available on request.

Part number AT211100

Angus Responder 140 – litre mobile foam tank with Style 605 brass monitor and F900 SI foam cannon.

Supplied with:

- 2 x screw down jacks
- 2 x solid wheels
- 1 x 15m x 45mm Duraline fire hose with 2½ inch British instantaneous couplings in light alloy