



FireMaster® Marine A-0

Classification

Max Width

Max Height

A=0

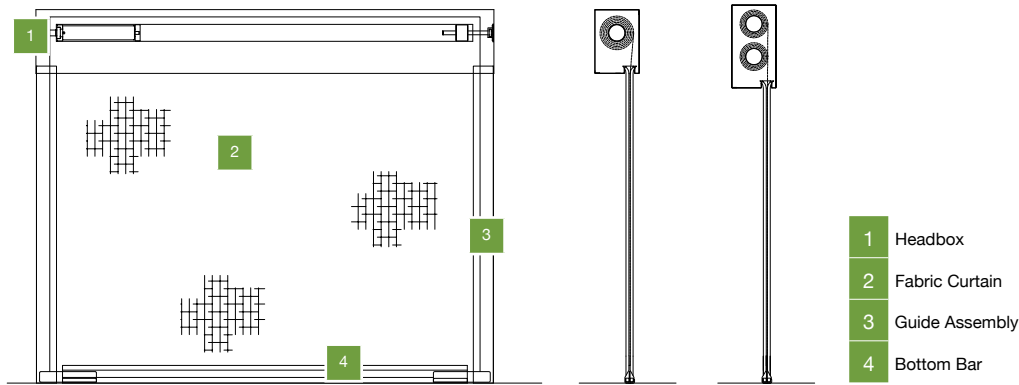
2.4 metres

2.692 metres

FireMaster® Marine A-0

The FireMaster® Marine A-0 Active Fire Barrier is an automatic fire curtain which comprises of technologically advanced fire-resistant fabric roller barriers encased in a compact steel housing. Curtains remain invisibly retracted until activated by an alarm or detector signal, at which time they descend safely to their operational position.

Coopers FireMaster® Marine A-0 has been produced through years of testing and development. It is the only active fire curtain available specifically designed and tested for marine applications.



Barrier Construction

Each roller is up to 5m wide with multiple roller construction up to 30m wide. Wide Single Roller (WSR) construction is available up to 17m wide.

Material Finish

Metalwork is zinc coated mild steel. This can be painted on site or powdercoated to RAL colours.

Operation

A 24v electromagnetic brake holds the fire curtain open. Closing is by gravity at a controlled speed of 0.06 - 0.15m/s. Opening is driven by one or more 24vDC tubular motors mounted within the barrel.

Test / Reset

Test is performed by a simple key switch operator. The system is reset manually by pressing the reset button on the control panel. Automatic reset is available.

Fabric

The curtain material is a satin weave fibreglass fabric with a silver polyurethane coating on both sides and integral stainless wire. It is 0.54mm thick, and weighs approximately 690g/m² in its finished form.

Fire Rating

FireMaster® Marine A-0 is provided with a highly specialist technologically advanced fire-resistant fabric that when installed in our proprietary fire barrier construction is able to meet the rigorous test method of IMO Resolution A.754(18), non-combustibility and toxicity testing to IMO Resolution MSC.61(67) Annex 1, Part 2 and 3.

Bottom Bar

Standard bottom bar is Jumbo which is a triangular shaped bar 40mm wide.

Benefits

- Small lightweight headboxing
- Reduces weight of ship construction materials
- Increases space availability
- Can fit in small bulkheads
- Ease of service and maintenance



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EST. 1983