

## Foam/Water Sprinkler

### Description

Orion air aspirated sprinklers are designed for use in foam systems where there is a substantial benefit to be gained by using aspirated foam. The sprinklers are ideal for use with protein based foam concentrates or synthetic foam concentrates and produce an aspirated foam with a foam expansion rate of approximately 6:1.

Typical applications for these foam/water sprinklers are tanker loading bays, process areas (pump bays), flammable liquid storage facilities and aircraft hangars.

When installed at 3 meter height the sprinklers produce a circular spray pattern approximately 3.5 meters in diameter. They are design to be installed in accordance with the requirements of NFPA 16.

The sprinklers are manufactured from corrosion resistant materials. The body and deflector are made from 316 stainless steel and the jet is made from C83600 (LG2) bronze. The operating pressure range for the nozzles is 100 kPa to 700 kPa.



Model Number	Part Number	Nominal Flow @ 700 kPa	Inlet Flange	Length	K-Factor
FWS-15-2P (Pendant)	14312	53 lpm	½" NPT	100mm	2.0
FWS-15-3P (Pendant)	15261	85 lpm	½" NPT	100mm	3.2
FWS-15-4P (Pendant)	12324	106 lpm	½" NPT	100mm	4.0

K-Factor is in lpm/kPa units.

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