



The Right Connection®

Fog Nozzle User Manual

Intended Use

Dixon Fire's fog nozzles are intended to provide a means of supplying water for firefighting, washdown, and other applicable services. Working conditions are limited to the liquid range of water. Many nozzles have certificates from UL, ULC, and/or FM. Further, all nozzles fall under the scope set out by the standard NFPA 1964.

Features

The fog nozzle line features many models with a range of different flowrates and pressure ratings. Once attached to a water supply, one may twist the nozzle to change the flow style. All fog nozzles may be twisted to change from fully off to a wide fog angle. Some nozzles also feature a straight-stream adjustment between these two.

Maintenance and Service

Regular maintenance is not required under normal use. The nozzles should be operated at least once a year to ensure that the mechanism operates freely.

Occasionally, the sealing washer on the inlet may fail to seal. This can be caused by over-tightening of the inlet, debris, and uncleanliness, among many other causes. If this happens the washer should be cleaned and re-seated. First, turn off any water source feeding the nozzle and twist open the nozzle to release any remaining pressure. Unfasten the nozzle from its connection. Remove the washer and ensure that there is no foreign matter on the washer or the washer's seat by cleaning it. Once clean, position the washer back in the inlet. If damaged, the washer may need to be replaced.



BBN75 / 100
3/4" / 1" NH or NPSH
175 PSI maximum W.P.



BFN150
1 1/2" NH or NPSH
175 PSI maximum W.P.



BFNE150
1 1/2" NH or NPSH
175 PSI maximum W.P.
No straight stream



BRN150
1 1/2" NH or NPSH
175 PSI maximum W.P.



HFN100 / 150
1" / 1 1/2" NH or NPSH
175 PSI maximum W.P.



HPFN150
1 1/2" NH or NPSH
300 PSI maximum W.P.

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