

LWNS Series Medium Body Monitor Nozzles

Description

WILLIAMS FIRE & HAZARD CONTROL® (WILLIAMS) LWNS Series monitor nozzles are patented water-powered nozzle systems that deliver either water or foam to the hazard area. The discharge pattern is fully adjustable from straight stream to full fog.

Each nozzle is supplied with interchangeable orifice plates for proportioning at 0.5%, 1%, and 3%. Foam concentrate is proportioned directly from an atmospheric storage tank using the self-eduction function or from a remote foam concentrate supply in conjunction with a matched Jet Ratio Controller at 1% or 3% only.

LWNS nozzles feature a brass construction with stainless steel trim. These nozzles have a 2 1/2 in. (F)NH swivel inlet and a 1 1/2 in. (M)NPT foam concentrate inlet. These three models are available with standard flows rates of 350 gpm (1,325 Lpm), 500 gpm (1,893 Lpm), or 750 gpm (2,839 Lpm) at 100 psi (6.9 bar), respectively.

Features

- Delivers water or foam stream to hazardous areas
- Non-corrosive materials
- Adjustable discharge pattern from straight stream to full fog
- Two large, composite-rubber covered brass handles
- Interchangeable orifice plates for foam concentrate proportioning adjustment

Application

The LWNS Series Medium Body monitor nozzles may be used with various types of firefighting foam concentrate-water mixtures. They may be used for, but not limited to, incident response to spill fires, fuel in-depth fires, three dimensional fires, heat mitigation, and vapor suppression. The nozzles may also be used to apply water for dust control and general wash down purposes.



010188

Technical Data

WILLIAMS LWNS monitor nozzles are available in the following models:

| Model | Nominal Flow at 100 psi (6.9 bar) | Nominal Range Straight Stream |
|--------|-----------------------------------|-------------------------------|
| LWN350 | 350 gpm (1,325 Lpm) | 135 ft (41 m) |
| LWN500 | 500 gpm (1,893 Lpm) | 150 ft (46 m) |
| LWN700 | 750 gpm (2,839 Lpm) | 160 ft (49 m) |

Ordering Information

Contact WILLIAMS customer service at Johnson Controls with specific application requirements for custom configuration as well as additional information.

| Part No. | Model | Approximate Shipping Weight |
|----------|--------|-----------------------------|
| 16285 | LWN350 | 28 lb (12.7 kg) |
| 16286 | LWN500 | 28 lb (12.7 kg) |
| 16287 | LWN700 | 28 lb (12.7 kg) |

Note: The converted metric values in this document are provided for dimensional reference only and do not reflect actual measurement.

WILLIAMS FIRE & HAZARD CONTROL, and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.