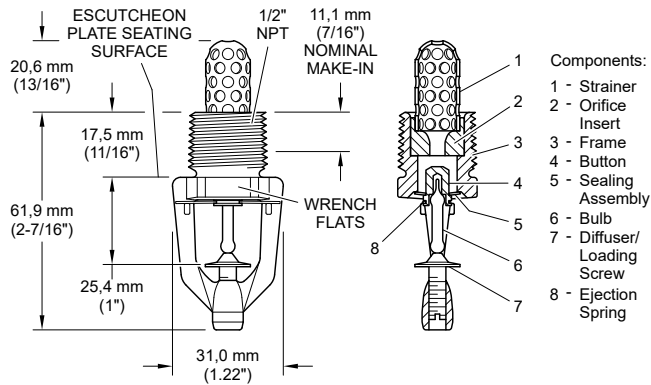


TYCO Ultra Low Flow AquaMist Nozzles Type ULF AM27 are closed (automatic) nozzles intended for use with engineered, water mist systems. They are water mist nozzles that utilize a single fluid jet impinging on a diffuser to produce a spray having a range of water droplet sizes suitable for the control of Class A fires. For recessed installations, use the Style 20 Escutcheon.



- Components:
- 1 - Strainer
  - 2 - Orifice Insert
  - 3 - Frame
  - 4 - Button
  - 5 - Sealing Assembly
  - 6 - Bulb
  - 7 - Diffuser/Loading Screw
  - 8 - Ejection Spring

## Approvals

The TYCO Type ULF AM27 AquaMist Nozzles in a 57°C (135°F) temperature rating and in a natural brass finish are a component of the engineered, wet pipe ULF AquaMist Systems for the protection of Non-Storage Occupancies, Hazard Category 1 (HC-1).

Specification	Description
Discharge Coefficient	$K = 11,7 \text{ lpm/bar}^{1/2}$ ( $K = 0.81 \text{ gpm/psi}^{1/2}$ )
Thread Connection	1/2 in. NPT
Response Time Index (RTI)	Quick Response
Finishes	Natural Brass, Pure White (RAL9010) (Eastern Hemisphere sales only), Signal White (RAL9003) (Previously known as Bright White), Chrome Plated
Temperature Ratings	57°C (135°F), 68°C (155°F), 79°C (175°F), 93°C (200°F)

Table A: Technical Data

Part	Material	Notes
Frame	Brass	
Inlet Strainer	Copper	3,2 mm (0.125 in.) nominal diameter perforations
Orifice Insert	Bronze	4,3 mm (0.169 in.) nominal diameter waterway (orifice)
Button	Bronze	
Sealing Assembly	Beryllium Nickel w/TEFLON	
Ejection Spring	Stainless Steel	
Bulb	Glass	
Diffuser/Loading Screw	Stainless Steel	

Table B: Physical Characteristics

Description	Part Number
Type ULF AM22 AquaMist Nozzle	Refer to Technical Document TFP2222 for Part Numbers
Style 20 Recessed Escutcheon	Refer to Technical Document TFP770 for Part Numbers
W-Type 6 Wrench	560006387
W-Type 7 Recessed Wrench	568504001

Table C: Part Numbers

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