



# Honeywell HW-5112 Clean Agent Fire Extinguishing System

Certificate Number: **FM25US0190**

## Company

**Honeywell Middle East FZE**

Jabel Ali Free Zone, Office No LB 15413, PO BOX 18530, Jabel Ali, Dubai, United Arab Emirates

<http://www.honeywell.com/ae/en>

Fixed Extinguishing Systems | Clean Agents | **Clean Agent Fire Extinguishing Systems**

## Honeywell HW-5112 Clean Agent Extinguishing System

### Description of Equipment:

System Designation:	Honeywell HW-5112 Clean Agent Fire Extinguishing System
System Type:	Engineered
Available Agent:	FK-5-1-12
Minimum Design Concentrations	Class A – 4.5% Class B – 5.9%
Available Agent Container Pressure:	609 psi (42 bar)
Available Agent Sizes:	8L, 13.4L, 26.8L, 40L, 67.5L, 80L, 120L, and 180L
Minimum and Maximum Agent Storage Temperatures:	41°F to 122°F (5°C to 50°C)
Minimum and Maximum Nozzle Heights:	14.4 ft (4.4 m) Maximum Height 1 ft (0.3 m) Minimum Height
Types of Nozzles Available:	180°, 360°
Maximum Area of Coverage for Nozzle Type:	180°: 1098 ft <sup>2</sup> (102 m <sup>2</sup> ), 37.1 ft (11.3 m) maximum radial reach 360°: 1098 ft <sup>2</sup> (102 m <sup>2</sup> ), 23.6 ft (7.2 m) maximum radial reach
Design, Installation, Operation and Maintenance Manual:	Honeywell HW-5112 Clean Agent Fire Extinguishing System Design, Installation, Operation, Maintenance, and Refilling Manual, P/N HSN-MNL-F1-R1, Rev. 1, June 2025
Flow Calculation Software:	Honeywell FK-5-1-12 Flow Calculation Software Version 7.8.0, P/N: HSN-FK-SW-02
Limitations or Exceptions to the Approval:	*This system does not meet the required operation temperature range of 32°F (0°C) to 120°F (49°F)  Further limitations as defined in the software and manuals listed above

The logo for FM Approvals, featuring a stylized 'FM' icon followed by the word 'Approvals' in a sans-serif font.

Approved Filling Stations:	Nexus Yangin Korunum Sistemleri Ltd. St. Ovcik Mah. Ali Islam Cad. No: 23/B Basiskele/Kocaeli 41140 Turkey
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## Details

<b>Category</b>	Clean Agent Fire Extinguishing Systems
<b>Class of Work</b>	5612 - Exting Agent, Liquefied Gas
<b>Certification Type</b>	FM Approved
<b>Listing Country</b>	United Arab Emirates
<b>Certificate Number</b>	FM25US0190