

GARNET200 Engineered HFC-227ea Clean Agent Fire Extinguishing Systems

Certificate Number: **FM23FPUS0077**

Company

Utusan Deria Sdn Bhd

18a, Jalan Au 5d/1, Taman, Lembah Keramat, Kuala Lumpur, Malaysia

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

GARNET200 Engineered HFC-227ea Clean Agent Fire Extinguishing Systems

Description of Equipment:

System Designation:	GARNET200 Engineered HFC-227ea Clean Agent Fire Extinguishing Systems
System Type:	Engineered
Available Agent:	HFC-227ea
Minimum Design Concentrations	Class A 6.7% Class B 8.7%
Available Agent Container Pressure:	25 bar
Available Agent Sizes:	16.7L, 28.3L, 52L, 106L, 147L, 180L and 369L
Minimum and Maximum Agent Storage Temperatures:	32°F to 122°F (0°C to 50°C)
Minimum and Maximum Nozzle Heights:	12 in (0.3 m) to 15.9 ft (4.85 m)
Types of Nozzles Available:	180°, 360°
Maximum Area of Coverage for Nozzle Type:	180°: 1134 ft ² . (105.35 m ²), 37.9 ft. (11.56m) maximum radial reach 360°: 1134 ft ² . (105.35 m ²), 23.8 ft. (7.25 m) maximum radial reach
Design, Installation, Operation and Maintenance Manual:	GARNET200 Engineered HFC-227ea Fire Suppression Systems Design, Installation, Operation and Maintenance Manual, P/N GN200MAL-0001, Rev. 07, 2023-06
Flow Calculation Software:	GEMTEX Flow Calculation Software v4.00
Limitations or Exceptions to the Approval:	Limitations as defined in the software and manuals listed above
Approved Filling Stations:	Gemtex Sdn Bhd Lot 1538, Batu 19, Jalan Semenyih Kawasan Perindustrian Kajang Jaya Semenyih 43500 Malaysia



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Details

Category	Clean Agent Fire Extinguishing Systems
Class of Work	5612 - Exting Agent, Liquefied Gas
Certification Type	FM Approved
Agent Type	HFC-227ea
Certificate Number	FM23FPUS0077
Listing Country	Malaysia