

FenwalNET™ 2000-8000-ML Control Unit Retrofit Kit



FenwalNET 2000-8000-ML Control Unit Retrofit Kit. Available with red door for New York City Installations.

The FenwalNET 8000-ML is the latest addition to a proud legacy of Fenwal suppression-system control units. One of the most advanced intelligent, fire alarm-suppression-focused control units available to the industry today, the FenwalNET 8000-ML is the natural choice for controlling your suppression system – new or installed.

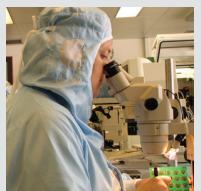
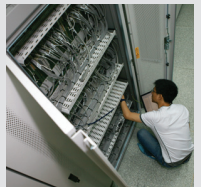
Made available as the FN2000-8000-ML retrofit kit, it enables the field upgrade of legacy FenwalNET 2000 panels while retaining the original enclosure and devices in their mounted condition. The kit consists of FenwalNET 8000-ML electronics, power supply and a door for the installed FenwalNET 2000 enclosure.

The retrofit kit supports the Fenwal Exclusive “Triple-R” (triple redundancy) safeguard system that ensures that no single component failure or combination of abnormal operating conditions, including main micro-processor failure, is allowed to result in accidental release activation.

Features

The FenwalNET 2000-8000ML retrofit kit offers:

- 2 SLC loops with 255 devices each (no device type restrictions)
- Expandable to 8 SLC loops, up to 6 expansion cards per control unit
- 2 NAC circuits
- 2 R-NACs that can be configured for release or notification
- 24 possible optional expansion R-NAC cards per system with 3 circuits each that can be configured for notification or release
- 1 Trouble and 3 Programmable Form C relays
- 24 possible optional expansion relay cards with 4 Form C programmable relay circuits each
- Backwards compatible with installed base of Fenwal SmartOne devices, and suppression release
- Unmatched seamless integration with High Sensitivity Smoke Detection, Aspirated Smoke Detection and Linear Heat Detection devices on SLC
- Backward compatible with IIM (Intelligent Interface Module) for AnaLASER network communication with panel
- Release circuits with built in NFPA-72 compliant maintenance switch
- LED Annunciator Module (LAM) for up to 48 events annunciations
- Panel enclosure available in red to meet New York State Regulations
- Ground fault diagnostics



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Upcoming Features

- 64 possible network nodes; 130,560 addresses
- Internet Communication Module (ICM) for event viewing and automatic e-mail notification
- BACnet/Modbus capability
- Compatibility with ATM-R and ATM-L Annunciator drivers

FenwalNET 2000 Parts Reuse

When selecting modules and components for the retrofit project, please remember that the following FenwalNET 2000 components and accessories *cannot* be reused in conjunction with the FenwalNET 8000-ML:

Part Numbers	Description
74-300000-502	RDCM
74-300000-501	RDM
74-100036-500	Network Interface Module
74-100005-002	RX/TX
74-100001-001	Agent Release Module
74-100004-001	Relay Module
74-100009-010	Power Supply/Charger Assembly with Monitor Module

Part Numbers	Description
74-100009-003	Power Supply Module
74-100000-008	Expansion Backplane with (2) motherboards
74-100002-001	City Tie Module
74-200004-032	ATM-L
74-200005-032	ATM-R
74-100007-001	I/O Motherboard for 8 optional modules.

Retrofit Kit (PN 74-800400-001) Composition

Part Number	Description	Qty.
74-800020-001	FenwalNET 8000 Multi-Loop Main Control Unit (MCB) PCB with user interface, communication and power harnesses to PMU	1
74-800030-004	Power Management Unit	1
74-800030-001	Power Supply Unit with wiring harness to PMU	1
	Base Plate	1

Part Number	Description	Qty.
Hardware	Base Plate Bracket	1
	Replacement Door and Window Assembly	1
	Installation Hardware: four #6 nuts two #8 nuts one #10 nut two self-threaded screws	1

Expansion Capabilities

The FenwalNET 2000-8000ML retrofit kit can be expanded with addition of power management units, power supply units, and expansion / functional modules listed:

Part Number	Description
74-800030-004	Power Management Unit
74-800030-002	Power Supply Unit with wiring harness to PMU
74-800010-001	Expansion Card Cage Assembly
74-800011-001	SLC Card, supports 255 addressable devices with no restriction on device type, up to 6 additional cards per system

Part Number	Description
74-800013-001	R-NAC Card, provides 3 Releasing-Notification circuits, up to 24 additional cards per system
74-800012-001	Relay Card, provides 4 programmable Form-C relays, up to 6 additional cards per system
74-800016-001	City Tie, up to 1 card per system

Network Retrofit

When retrofitting a networked system, all panels will need to be upgraded at the same time.



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FSS F-011 November 2011

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