

GWF-7075

Intelligent Fire Alarm Control Panel

General

The Gamewell-FCI®, GWF-7075 is an Addressable Fire Alarm Control Panel (FACP). The GWF-7075 has a signaling line circuit (SLC) loop that is used to connect the addressable detectors. The SLC loop is capable of supporting up to 75 detectors and 75 modules using the System Sensor® Velociti® Protocol, and it also offers the built-in support for the SWIFT™ wireless fire alarm devices.

The GWF-7075 is equipped with two configurable Notification Appliance Circuits (NACs) that support a maximum output of 2.5A. This panel communicates with the built-in, dual-line digital and IP communicator including an optional cellular communication module.

The GWF-7075 fire alarm control panel offers the following powerful features:

- detector sensitivity
- day/night thresholds
- drift compensation
- pre-trouble maintenance alert
- calibration trouble alert

The GWF-7075 panel supports a variety of devices, including the following accessories:

- RA-1000 Remote Annunciator
- 5880 - LED I/O Module
- GFPS-6S Intelligent Remote Power Supply
- 5824 Serial/Parallel Printer Interface Module (for printing system reports)



GWF-7075

FEATURES & BENEFITS

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| <ul style="list-style-type: none"> • Built-in support for up to 75 detectors and 75 modules operating in Velociti® mode • Offers a four line LCD display with 40 characters per line • Available in a red or a black cabinet • GWF-7075 can be surface or flush mounted | <ul style="list-style-type: none"> • Contains a built-in USB interface used for programming • Includes the programmable date setting for Daylight Saving Time • Uses a JumpStart Auto Programming® feature for easy programming • Reports events to the Central Station by point or by zone | <ul style="list-style-type: none"> • System programmable from the front panel • Provides a built-in dual phone line, digital alarm communicator/transmitter (DACT), IP or optional cellular technologies • Firmware can be upgraded in the field | <ul style="list-style-type: none"> • Supports up to four SWIFT™ wireless gateways. Each gateway may include up to 49 wireless devices • Supports Class B (Style 4) and Class A (Style 6 or Style 7 configuration for SLC, and SBUS | <ul style="list-style-type: none"> • Offers a built-in synchronization for some models, <p>Note: To identify the compatible models, refer to the Compatibility Addendum to Gamewell-FCI Manuals, P/N:9000-0427-L8.</p> |
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GWF-7075 Technical Specifications

SYSTEMS

PHYSICAL:

Overall Dimensions: 15.12" H x 12.71" W x 3.33" D
38.40 H x 32.28 W x 8.46 D cm

Weight: 25 lbs.

Color: Red or Black

Environmental Operating Temperature: 32°F to 120°F
(0°C to 49°C)

Humidity: 0 to 93% relative humidity
(non-condensing)

ELECTRICAL:

GWF-7075 Primary AC: 120 VAC @ 60 Hz,
900mA Total

Accessory Load: 2.5A @ 27.4 VDC Class A
Power-Limited

NAC Power: 1A per NAC, 2.5A Total

Aux Power: 27.4 VDC

Form C Trouble & Alarm Relay: 2.5A @ 27.4 VDC,
Resistive

Standby Current: 165 mA

Alarm Current: 310 mA

Battery Charging Capacity: 7 to 35 AH

Battery Size: 7 A/H maximum allowed in the control panel cabinet. Larger capacity batteries can be housed in the BB-17F accessory cabinet.

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F).

However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The GWF-7075 is designed to comply with the following standard:

UL Standard: UL 864 9th Edition

NFPA STANDARDS

NFPA 13 Sprinkler

NFPA 15 Water Spray

NFPA 16 Foam Water

NFPA 70

NFPA 72

Central Station

Remote Signaling

Local Protective Signaling Systems

Auxiliary Protected Premises Unit & Water Deluge Releasing Service

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

UL: S1869

CSFM: 7165-1703:0500

FDNY: COA-6255

OSHPD (CA)

Approved Releasing Solenoids:

Asco® T8210A107 24 VDC 3 A max. 0 Hz

Asco® 8210G207 24 VDC 3 A max. 0 Hz

ISO 9001 Certification

For a complete listing of all compliance approvals and certifications, please visit: <http://www.gamewell-fci.com/en-US/documentation/Pages/Listings.aspx>

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For more information

Learn more about Gamewell-FCI's GWF-7075 and other products available by visiting www.Gamewell-FCI.com

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