

### SG-227ea Components



**TODAY'S SUSTAINABLE CLEAN AGENT SOLUTION**

### SG-227ea Approval / Listing :

- Listed by Underwriters Laboratories, Inc. (UL)
- Approved by Factory Mutual (FM)

**SG-227ea**  
**CLEAN AGENT SYSTEMS**



Authorized Sales Agent



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# SG-227ea CLEAN AGENT SYSTEMS

## FAST ACTION

Designed to discharge in 10 seconds upon activation, thus less time for fire to grow or cause damage.

## CLEAN

Discharge as a gas reaching into all protected facility leaving NO residue to damage sensitive equipment or costly clean up.

## PEOPLE-SAFE

One of the safest clean agent available that is suitable for occupied areas.

## ENVIRONMENTAL FRIENDLY

Zero Ozone Depletion Potential (ODP), short atmospheric life time.

## TRUSTED CHOICE

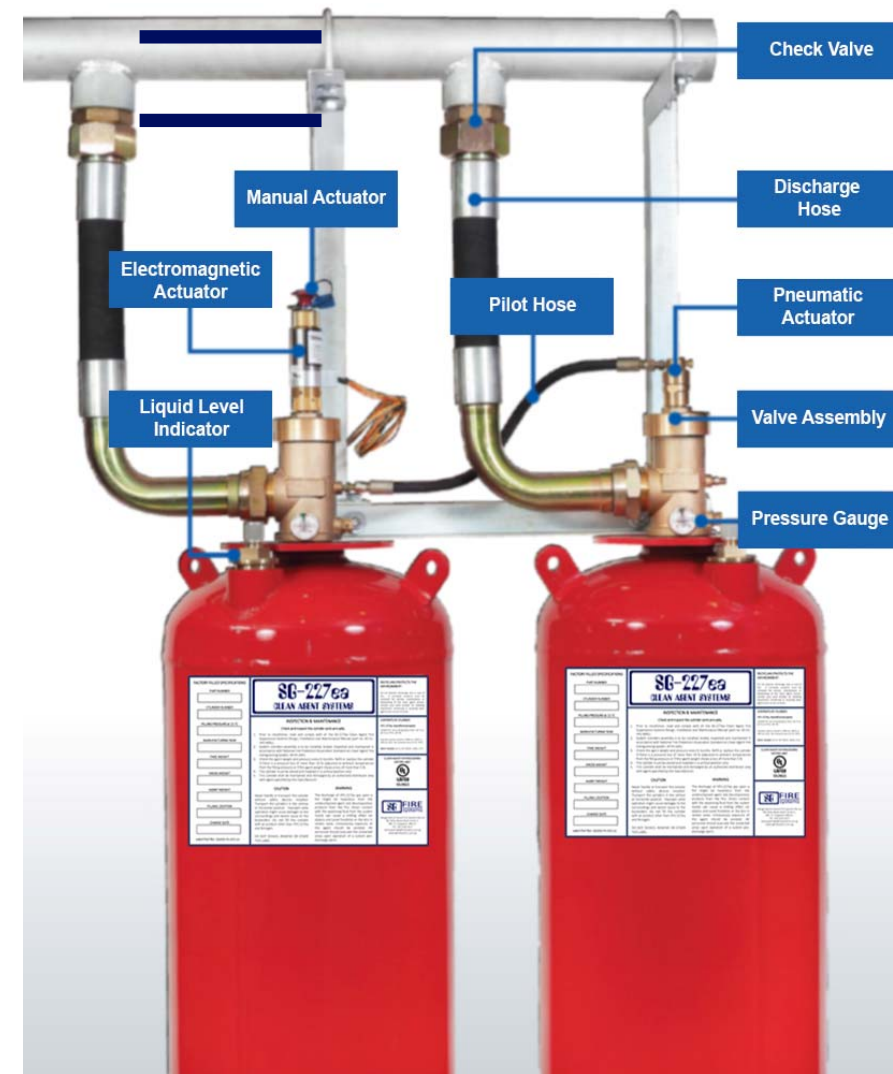
HFC-227ea is one of the most trusted agent for fire extinguishing systems.

## SG-227ea Fire Extinguishing System

The SG-227ea Clean Agent Fire Extinguishing System that utilizes the HFC-227ea extinguishing agent. HFC-227ea fluid is a clear, colorless and low odor liquid perfectly suited to protect high value assets in area that may be normally occupied, in locations where clean-up of other agent is problematic, when storage space for a fire extinguishing agent is restricted, or when an electrically non-conductive agent is required.

The HFC-227ea agent is stored as a liquid in cylinder assemblies designed specifically for the application and charged to a fill density of 0.5kg/L to 1kg/L. SG-227ea is available with 25 bar, 42 bar and 50 bar, and come a wide range of cylinder sizes options.

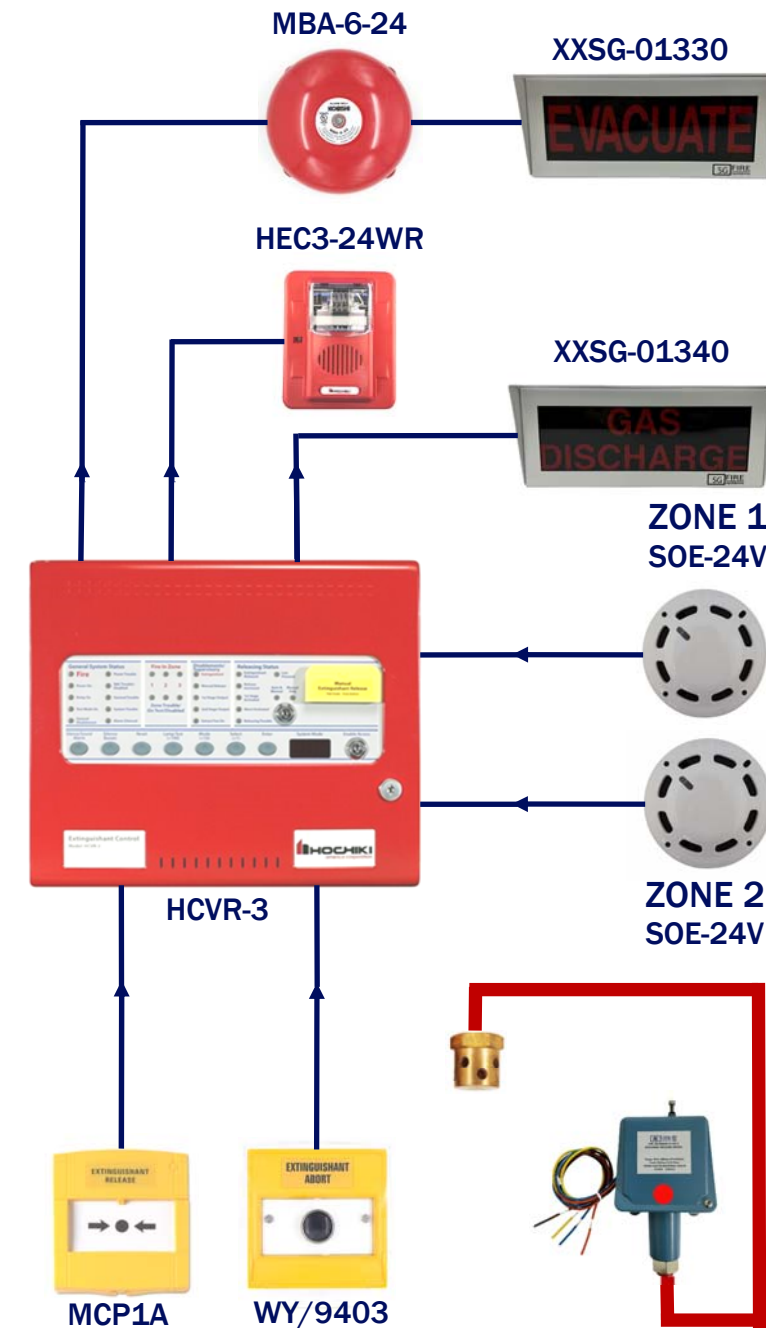
### System Set-up



The SG-227ea cylinders are available with both Mild Steel Welded type of TPED 2010/35/EU Standard and Chromium Molybdenum Alloy Steel Seamless type of ISO 9809-1 Standard. SG-227ea is a product of SG Fire Systems from Singapore.



## Clean Agent Fire Extinguishing System with Detection & Control



Components for SG-227ea Clean Agent Fire Extinguishing System include discharge valves, actuators (manual, pneumatic and electromagnetic), pressure gauges, discharge hoses, valve outlet adaptors, check valves, pilot line hoses and nozzles.

Combined with conventional panel and devices, SG Fire Systems now offers a complete clean agent fire extinguishing system that is today's sustainable clean agent solution.

### TPED Welded Cylinders

Cylinder Volume (L)	Pressure (Bar)	OD (mm)	Valve Size (inch)	Total Height (mm)
9	25	273	1" Thread	377
16.6	25	228.6	1" Thread	578
32	25	324	1" Thread	579
32	25	324	1-1/2" Thread	584
52	25	324	1-1/2" Thread	844
100	25	406	1-1/2" Thread	1019
120	25	406	1-1/2" Thread	1182
120	25	406	2" Thread	1251
150	25	406	2" Thread	1437
180	25	462	2" Thread	1317
200	25	462	2" Thread	1447
240	25	508	2" Thread	1468
240	25	508	3" Flange	1523
300	25	610	3" Flange	1363
369	25	610	3" Flange	1608

### TPED Seamless Cylinders

Cylinder Volume (L)	Pressure (Bar)	OD (mm)	Valve Size (inch)	Total Height (mm)
10	42/50	140	1" Thread	861
20	42/50	204	1" Thread	831
30	42/50	204	1" Thread	1166
50	42/50	229	1-1/2" Thread	1496
80	42/50	360	1-1/2" Thread	1081
100	42/50	360	1-1/2" Thread	1296
140	42/50	406	2" Thread	1385
180	42/50	406	2" Thread	1715

### DOT Welded Cylinders

Cylinder Volume (L)	Pressure (Bar)	OD (mm)	Valve Size (inch)	Total Height (mm)
29	25	254	1-1/2" Thread	753
52	25	406	1-1/2" Thread	600
106	25	406	1-1/2" Thread	1035
147	25	406	2" Thread	1377
227	25	508	2" Thread	1408
275	25	508	3" Thread	1666
369	25	610	3" Thread	1572

Note: Liquid level indicator available as option for cylinders 100L Capacity and above. Dimensions shown subjected to cylinder manufacturer's standard ± tolerance.

