

SFS-200®
FIRE SUPPRESSION SYSTEM HFC-227EA (FM-200)

SFS-200® S-TEC VINA

-  **Joint venture company of S-TEC SYSTEM - Korea**
-  **Factory in Dong Van IV Industrial Park - Ha Nam**
-  **Goods available in Vietnam - Equipment inspection according to legal regulations according to Decree 136/2020/ND-CP**
-  **Cylinder capacity 40L, 82.5L, 140L, 180L, 220L**
-  **System pressure 25 bar / 42 bar / 50 bar**
-  **VdS / KFi calculation software**
-  **HFC-227ea (FM-200) fire extinguishing gas meets UL Listed (EX 28624), FM Approved (FM23FPUS0263) standards**
-  **BS EN ISO 9001:2015 (UKAS) quality certification**
-  **BS EN ISO 14001:2015, ISO 45001:2018 certification**

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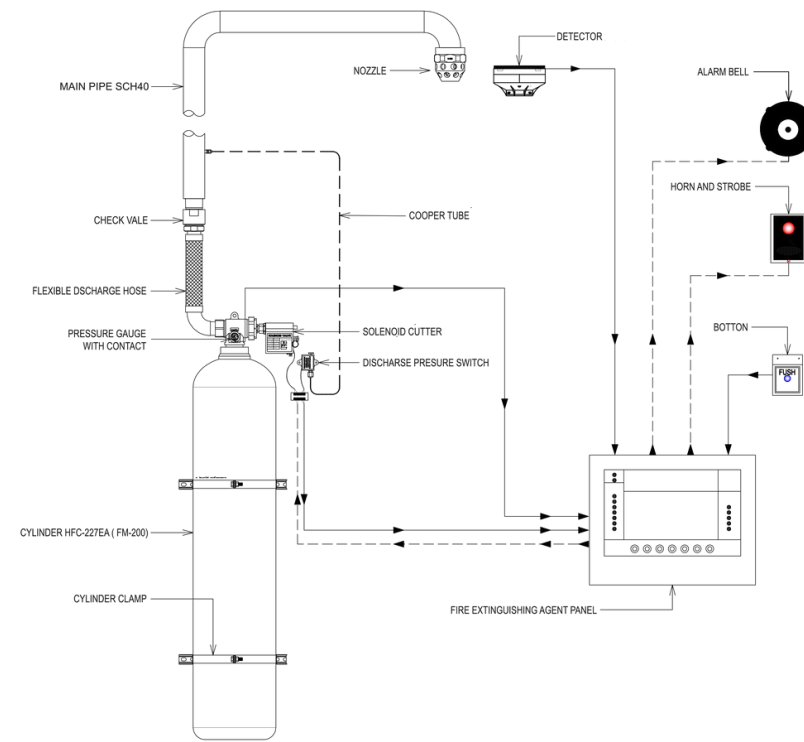
Cylinder Type	Fill Amount HFC-227ea (FM-200)		Working Pressure
	Minimum (kg)	Maximum (kg)	
40L	16	42	25 bar/ 42 bar/ 50 bar
82.5L	33	86	25 bar/ 42 bar/ 50 bar
140L	56	147	25 bar/ 42 bar/ 50 bar
180L	72	189	25 bar/ 42 bar/ 50 bar
220L	88	231	25 bar/ 42 bar/ 50 bar

(*): Other working pressure levels: 25 bar, 32 bar, 34 bar, 55 bar, 60 bar, 80 bar S-TEC VINA can provide upon request

Part Number	SFS-C220	SFS-180	SFS-C140	SFS-C82.5	SFS-C40
Fill Range HFC-227ea (FM-200)	88kg - 231kg (194lbs - 509 lbs)	72kg - 189kg (159lbs - 417lbs)	56kg - 147kg (159lbs - 417lbs)	33kg - 86kg (159lbs - 190lbs)	16kg - 42kg (35lbs - 93lbs)
Heigh (± 20mm)	2090 mm	1750 mm	1405 mm	1850 mm	985 mm
Diameter (± 1%)	406 mm			267 mm	
Internal Volume	220 liter	180 liter	140 liter	82.5 liter	40 liter
Working pressure	25 bar/ 42 bar/ 50 bar				
Empty Cylinder Weight (± 5%)	215 kg	175 kg	144 kg	92 kg	53 kg
Cylinder Material	34CrMo434CrMo4 Steel				
Cylinder Paint Color	RAL3000				
Cylinder max filling pressure	200 bar				
Cylinder tested pressure	300 bar				
Cylinder burst test pressure min	480 bar				
Cylinder specification	ISO 9809-1, TPED, PI				
Cylinder valve max filling pressure	147 bar (2132 psi)				
Cylinder valve tested pressure	245 bar (3553 psi)				
Cylinder valve body material	Nickel plated brass				
Working temperature range	0°C to 54°C				

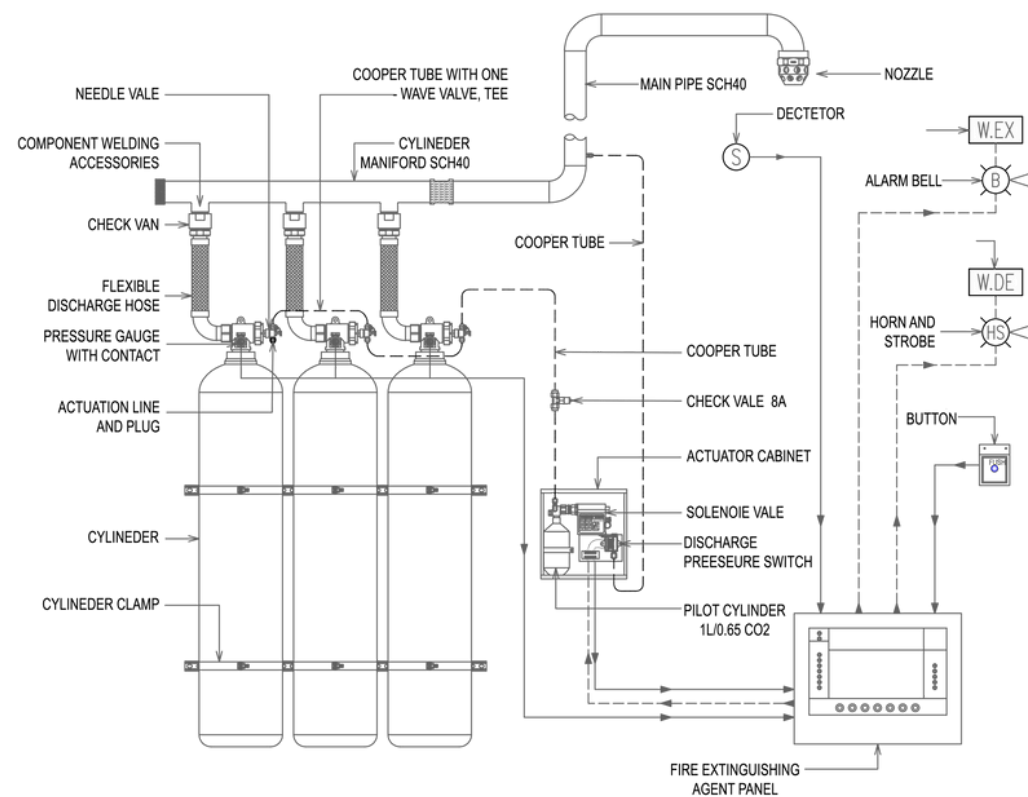
Single-Cylinder

Schematic diagram fire suppression system HFC-227ea (FM-200)

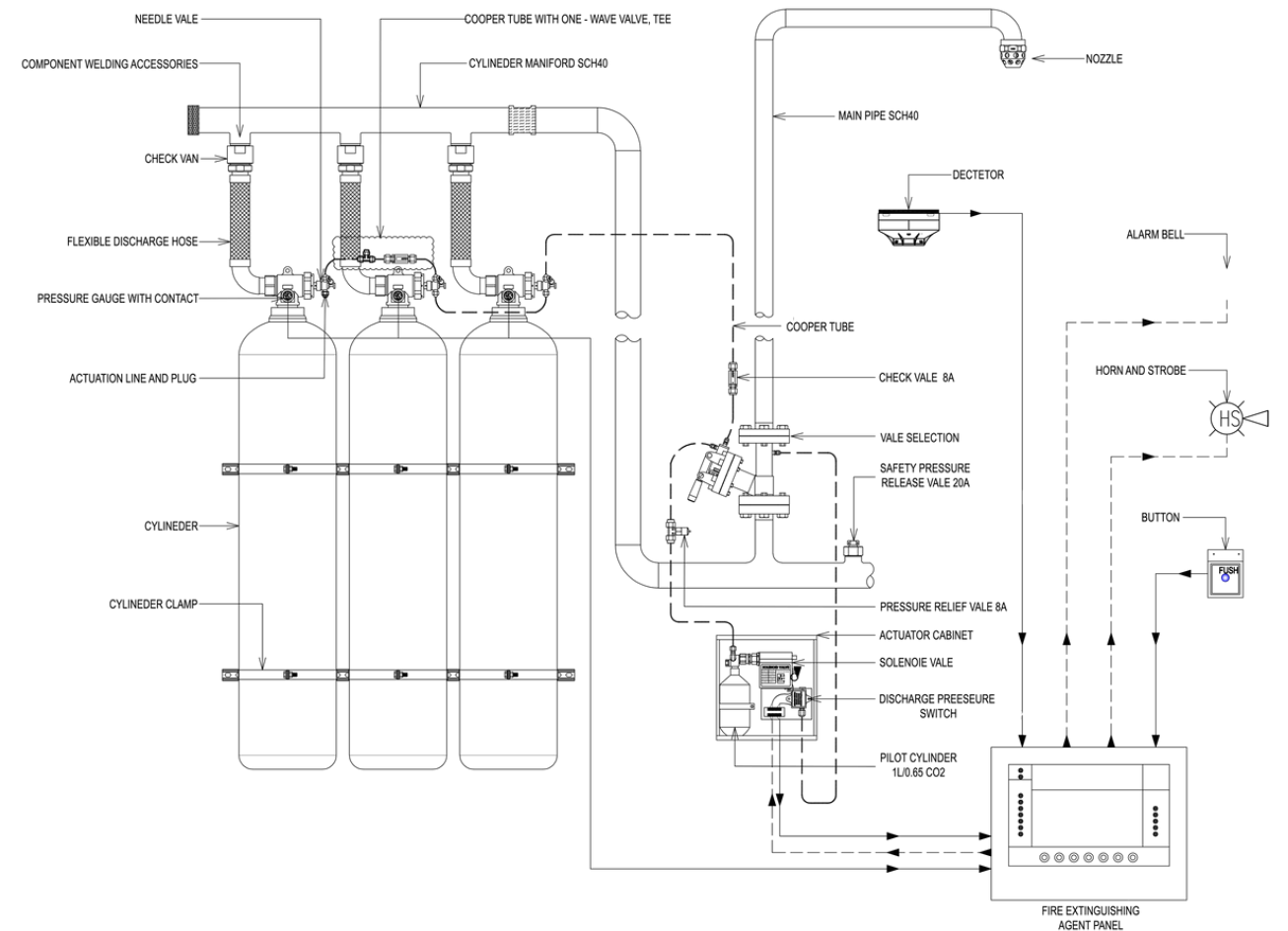


Multy-Cylinder

Schematic diagram fire suppression system HFC-227ea (FM-200)



Schematic diagram fire suppression system using selector valves HFC-227ea (FM-200)



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