

SNS-100[®]

FIRE SUPPRESSION SYSTEM N2 (IG-100)



SNS-100[®] S-TEC VINA

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Joint venture company of S-TEC SYSTEM - Korea
- 
Manufacturing Plant at Dong Van IV Industrial Park – Ha Nam
- 
Goods available in Vietnam - Equipment inspection in accordance with Decree 136/2020/ND-CP
- 
Cylinder capacity 84L/140L – 200 Bar / 280 bar / 300 bar
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Cylinder valve with pressure reducing function, discharge pressure 60 – 80 bar
- 
Calculation software certified by KFi/VDS
- 
Quality certification BS EN ISO 9001:2015 (UKAS)
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Certifications BS EN ISO 14001:2015, ISO 45001:2018
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S-TEC VINA is the only company in Vietnam capable of filling up to a maximum pressure of 350 bar.

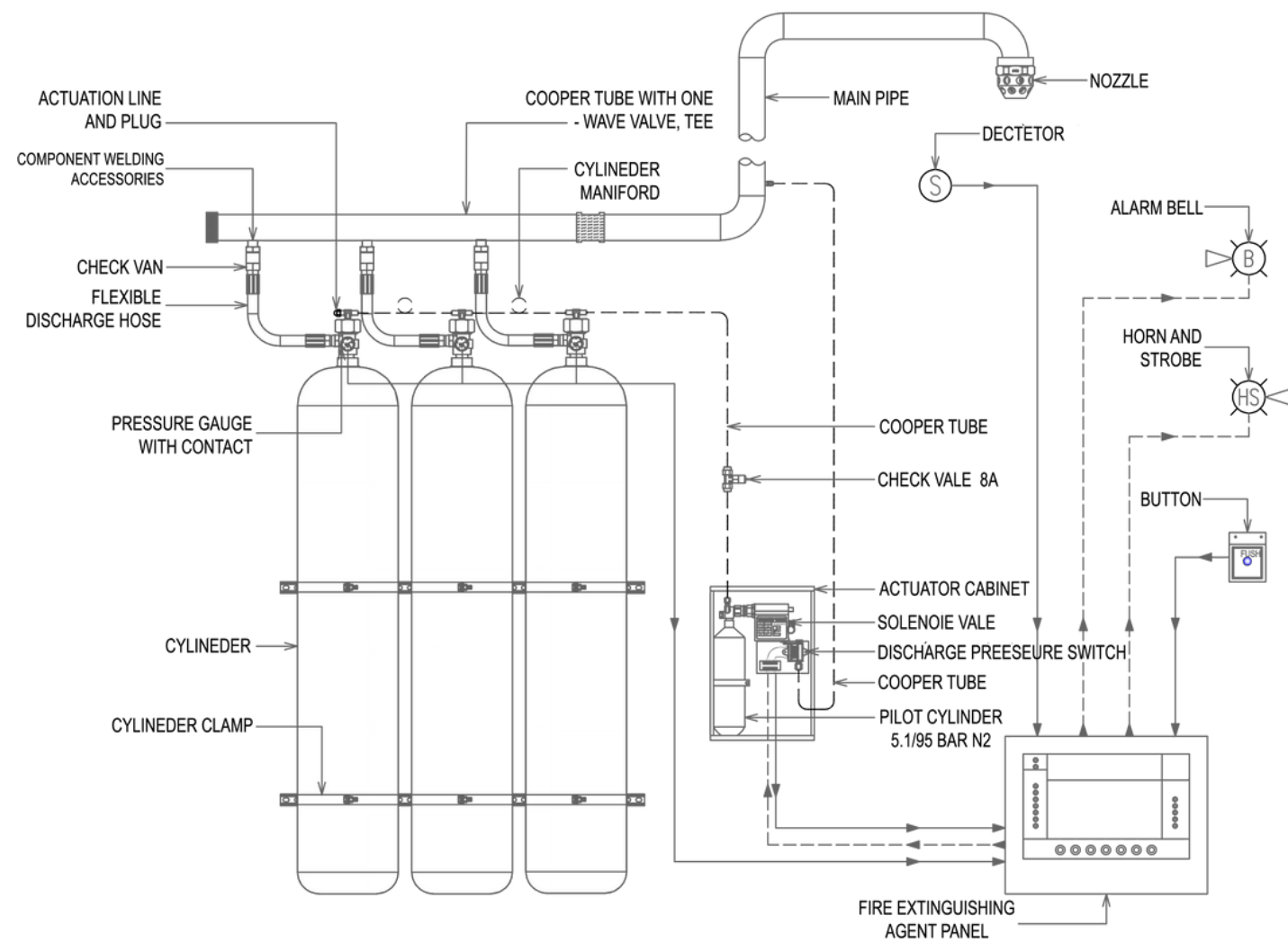


P/N	Working pressure	Internal volume	Fill Amount	
SNS-84-200	200 bar	84 liter	16.10 m3	18.76 kg
SNS-84-280	280 bar	84 liter	21.13 m3	24.62 kg
SNS-84-300	300 bar	84 liter	22.24 m3	25.91 kg
SNS-140-200	200 bar	140 liter	26.74 m3	31.16 kg
SNS-140-300	300 bar	140 liter	37.06 m3	43.18 kg

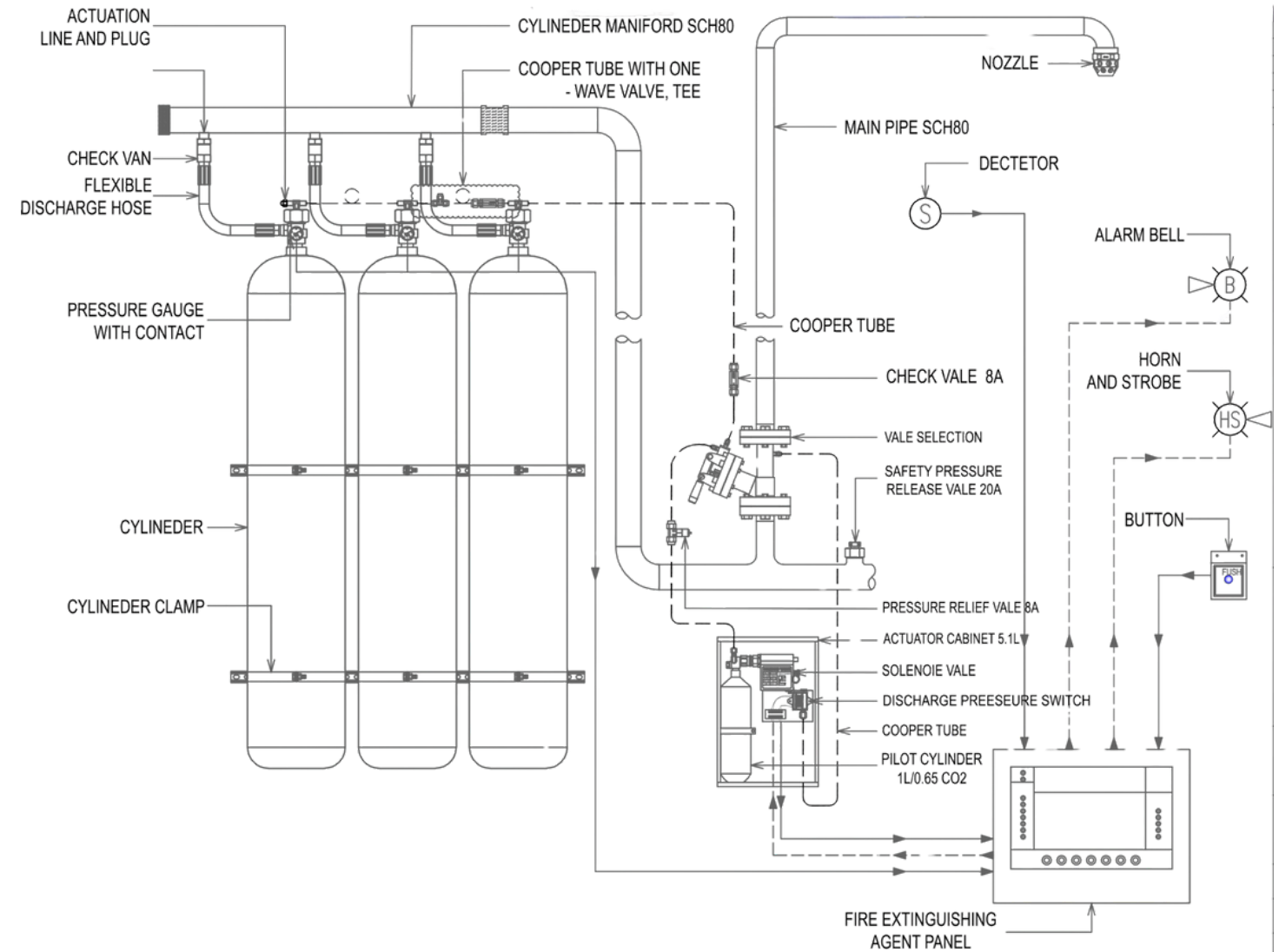
(*): Other working pressure levels such as 223 / 240 bar and other pressure levels can be provided by the S-TEC VINA factory upon request.

Part Number	SNS-84-200	SNS-84-280	SNS-84-300	SNS-140-200	SNS-140-300
Working pressure	200 bar	280 bar	300 bar	200 bar	300 bar
Filled Weight (±5%)	128 kg	133 kg	134 kg	247 kg	
IG-100 Charging Volume	16.10 m3	21.13 m3	22.24 m3	26.74 m3	37.06 m3
Charging Weight	18.76 kg	24.62 kg	25.91 kg	31.16 kg	43.18 kg
Internal volume	84 liter			140 liter	
Regulated discharge pressure	60 to 80 bar				
Height (±20mm)	1897 mm			1438 mm	
Diameter	267 mm			406 mm	
Empty weight (±5%)	109 kg			204 kg	
Cylinder material	34CrMo4				
Cylinder wall thickness	Min 7.6 mm			Min 11.2 mm	
Cylinder tested pressure	450 bar				
Cylinder burst pressure tested	>720 bar				
Cylinder specification	Pi ISO 9809-2/TPED				
Cylinder material	Copper alloy C3771E				
Cylinder valve tested pressure	495 bar				
Safety Disc Bursting range	387 to 396 bar				
Cylinder discharge pressure	60 bar to 80 bar				
Working temperature range	-20 °C to 50 °C				

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FIRE SUPPRESSION SYSTEM USING SELECTOR VALVES IG-100



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Version: No. 1/2025

