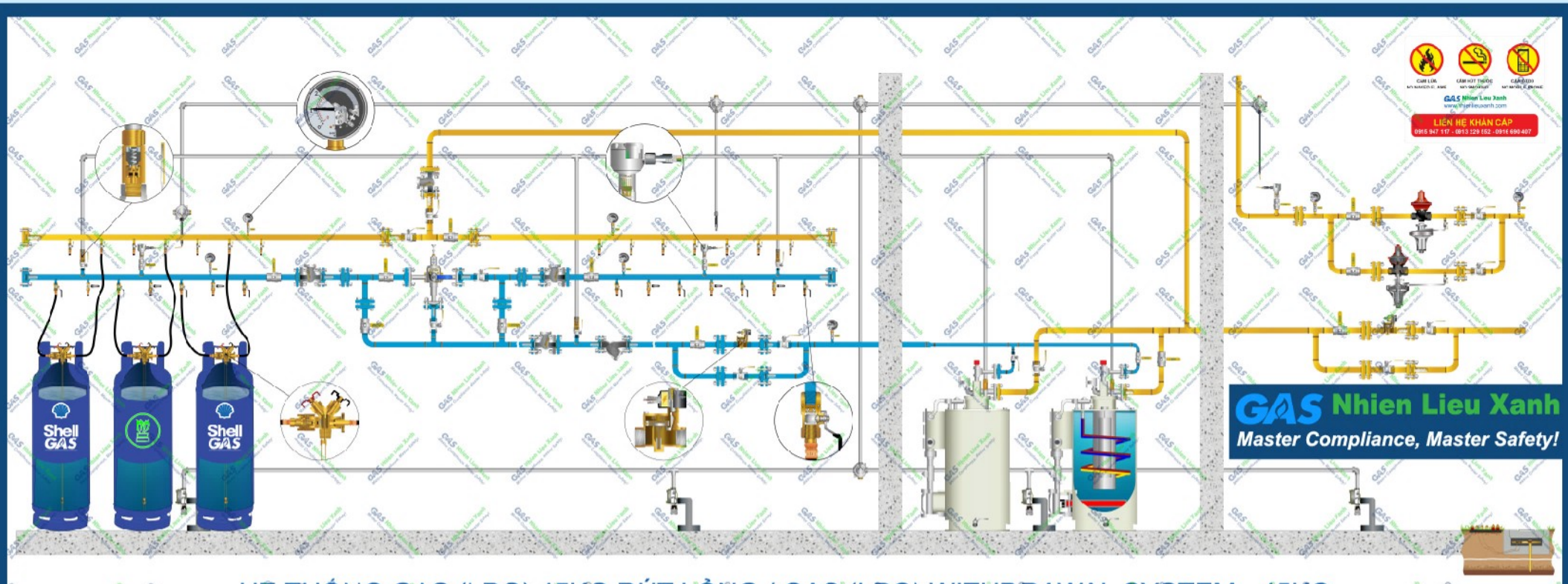
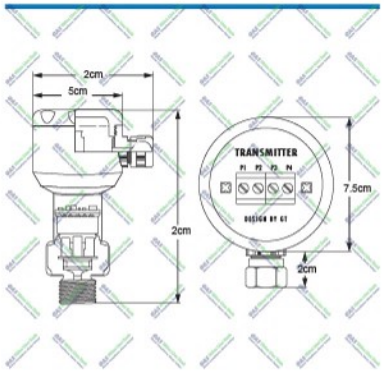
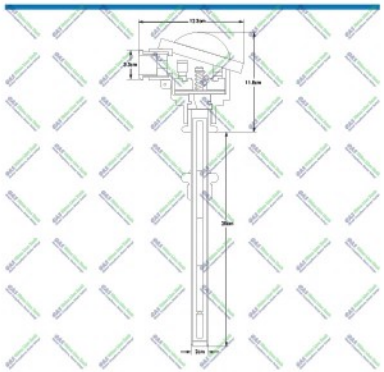
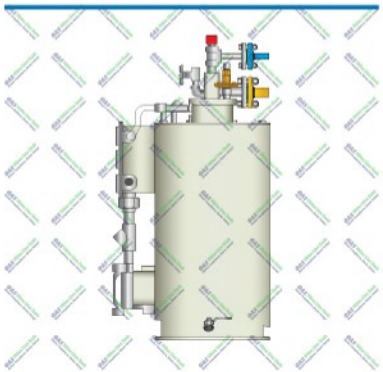
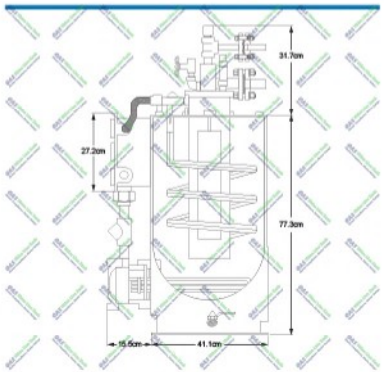
CATALOGUE OF GAS (LPG) EQUIPMENT & MATERIALS
CATALOGUE CÁC THIẾT BỊ & VẬT TƯ GAS (LPG)

LPG SAFETY COMPLIANCE =

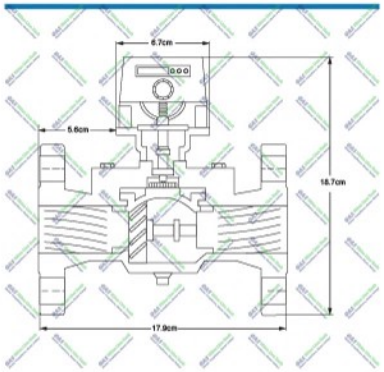
Design Expert + Renowned Equipment + Trusted Contractor

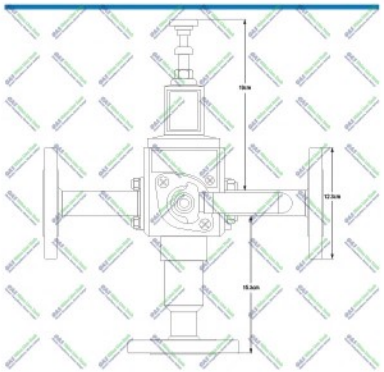


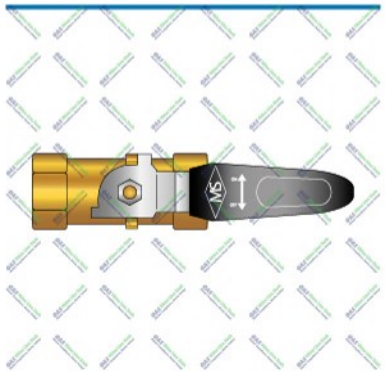
HỆ THỐNG GAS (LPG) 45KG RÚT LỎNG / GAS (LPG) WITHDRAWAL SYSTEM - 45KG

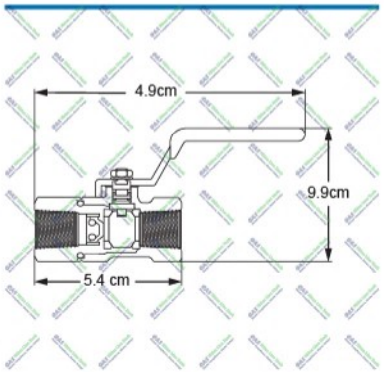
	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
Threaded Pressure Sensor - Exd' type/ Cảm biến áp suất ren - Chống cháy nổ **01** 	- Body Material: SUS316 - Threaded connection: NPT 1/2" - Electric connecton: 4-20mmA 2-wire 24Vdc loop power - Accuracy: 0.5%FSO - Voltage supply: 08 - 32VDC; - Max working pressure (bar): 0.4-100 - IP65, Explosion and/or weather proof coils and housings - Output signal: Intrinsic safety 4 … 20 mA / 2-wire - Standard: ATEX Directive 2014/34/EU - Main fluid: Liquid/Vapor LPG - Origin: Germany	China	
Temperature sensor - Exd' type/ Cảm biến nhiệt độ - Chống cháy nổ **02** 	- Body Material: SUS304 - Process connection: NPT 1/2" - Max working pressure (bar): 0.4-100 - IP65, Explosion and/or flame proof and housings - Output signal: Intrinsic safety 4 … 20 mA - Standard: II 1/2 G Ex d II C T… Ga/Gb - Origin: Poland	Poland	
Electrical heating Vaporizer - Korea (50Kg/hr - 1000Kg/hr)/ Máy hóa hơi gia nhiệt bằng điện - Hàn Quốc **03**  	- Body Material: Powder coating Steel - Type: Electrical heating - Hot Water Circulation - Flanged connection: ANSI300 - Capacity (Kg/hr): 50 - 1000 - Operating pressure (bar):12 - Test pressure (bar):24 - Safety Relief Valve (bar):17.6 - Water heating temperature (°C): 70 - Main fluid: Liquid/Vapor LPG	Korea	

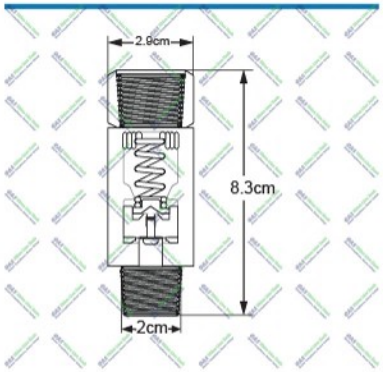
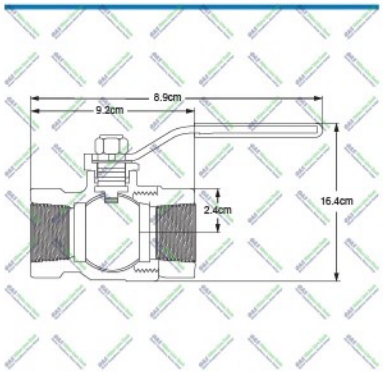
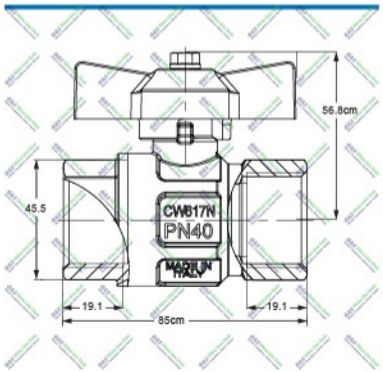
	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
Vapor Gas (LPG) Auto-change valve/ Valve đảo gas (LPG) hơi 04	- Body Material: Aluminum alloy casting, - Threaded connection: Female NPT 1/2" - 01" - Flow rate (Kg/hr): 30 - 50 - Pmax - Inlet pressure (bar): 15.6 - Pmax - Outlet pressure (bar): 1.8 - Working temperature range (°C): -34 ~ 60 - Main fluid: Vapor LPG/NG - Origin: Japan	Japan	
Liquid gas (LPG) LPG Auto-change valve/ Valve đảo gas (LPG) lỏng 05	- Body Material: SUS304 - Flanged connection: ANSI 300, 3/4" - Flow rate (Kg/hr): 300 - Pmax - Inlet pressure (bar): 15.6 - Setting change over pressure (bar): 0.5 - 2.0 - Working temperature range (°C): -34 ~ 60 - Main fluid: Vapor LPG/NG - Origin: Japan	Korea	
Threaded check valve/ Van một chiều - ren 06	- Body Material: C3771B - Threaded connection: Female, NPT - Size: 1/4" - Design pressure (bar): 18 - Pneumatic test pressure (bar): 29 - Temp range (°C): -25 ~70 - Main fluid: Liquid/Vapor LPG - Origin: Japan	Japan	

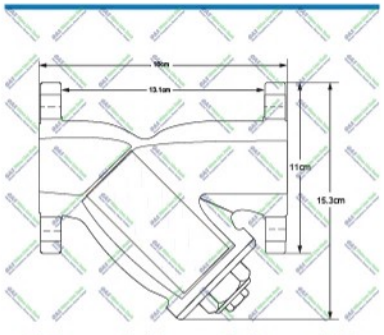
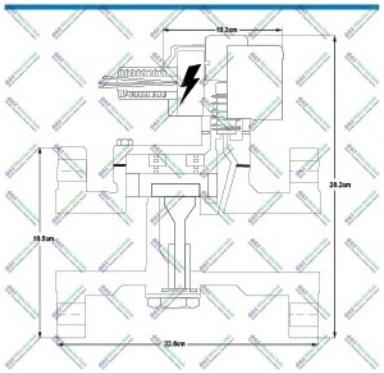
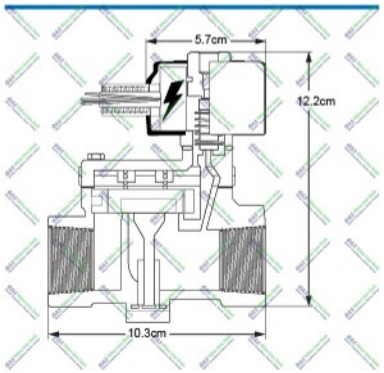


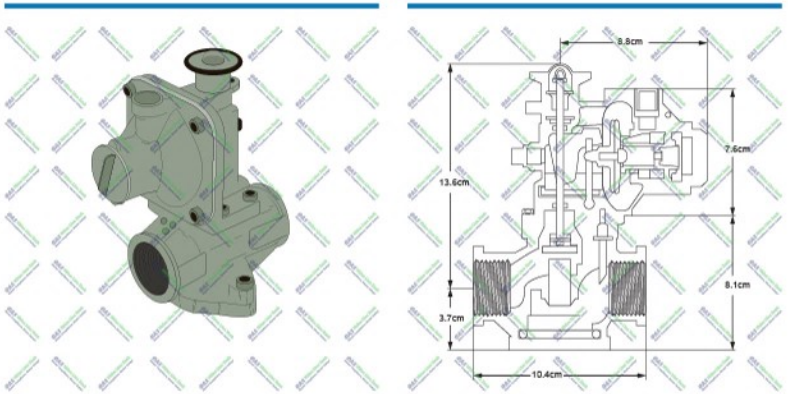
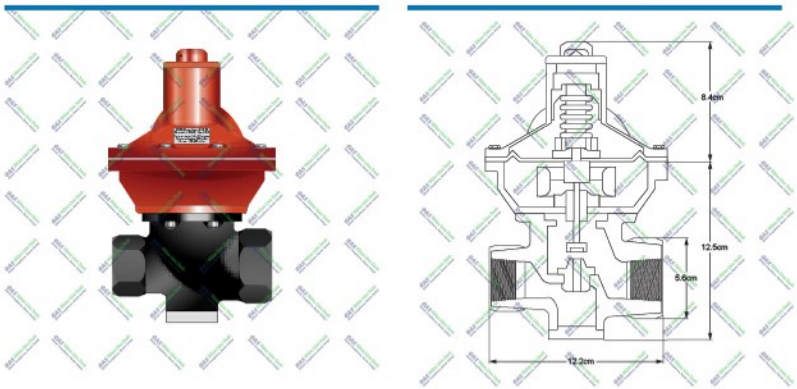
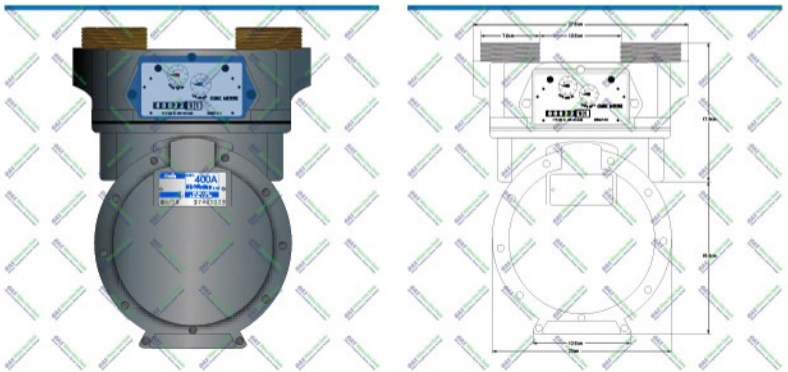


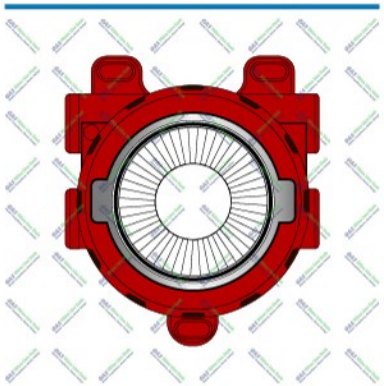
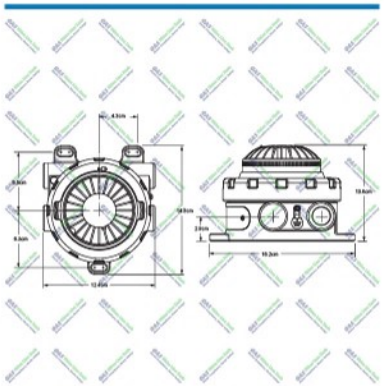
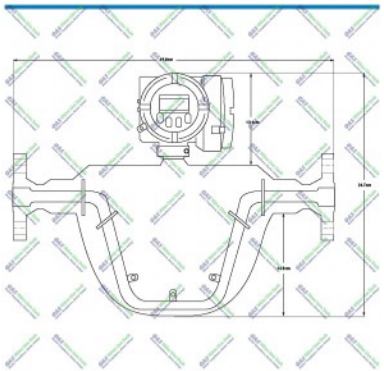
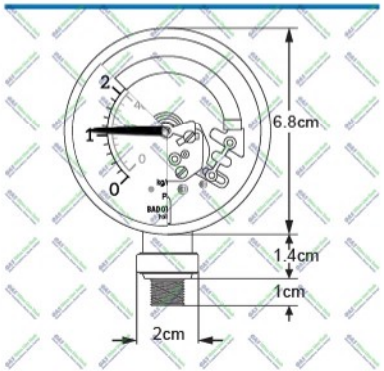


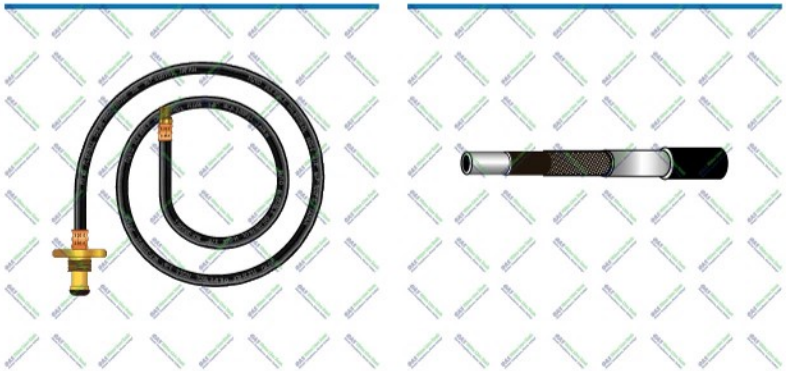
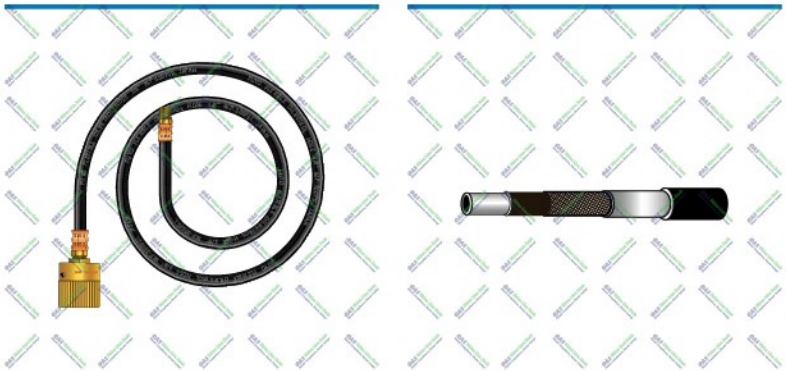
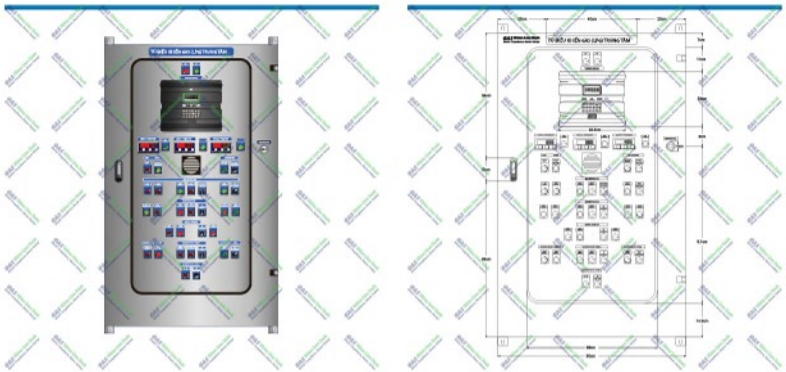


Threaded Safety Relief valve/ Van xả áp an toàn - Ren 07	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
	- Body Material: Brass - Threaded connection: 1/2" - Leaking pressure (bar):18 - Hydorstatic testing pressure (bar): 27 - Max working temperature (°C): -25 ~ 70 - Main fluid: Liquid/Vapor LPG - Standard: UL - Origin: USA/Japan	Japan	
Threaded ball Valve - Lever handle/ Van bi tay vặn - REN 08			
	- Body Material: Chrome plated brass - Handle color: Yellow - Threaded connection: Female, NPT - Size: 1/4" - 04" - Hydrostatic test pressure (bar): - Pneumatic test pressure (bar): - Main fluid: Liquid/Vapor LPG - Origin: Italia	Italia	
Threaded Ball Valve - T handle/ Van bi tay vặn chữ T - REN 09			
	- Body Material: Chrome plated brass - Handle color: Yellou - Threaded connection: Female, NPT - Size: 3/4" - 1-1/4" - Hydrostatic test pressure (bar): - Pneumatic test pressure (bar): - Main fluid: Liquid/Vapor LPG - Origin: Italia	Italia	

Flanged gas (LPG) Strainer/ Lọc Y bích gas (LPG) - Bích 10	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
	- Body Material: Ductile Iron - Flanged connection: ANSI 300 - Size: 1/2" - 04" - Filter (µm): SUS304, 50 - Max working pressure (bar): 39 - Working temperature range (°C): 220 - Main fluid: Liquid/Vapor LPG - Origin: Italia	Italia	
Flanged Solenoid Valve - Exd' type/ Van đóng ngắt tự động (chống cháy nổ) - Bích 11			
	- Body Material: Ductile Iron - Flanged connection: ANSI 300 - Size connection: 01" - 04" - Filter (µm): SUS 304, 50 - Max working pressure (bar): 20 - Working temperature range (°C): -20 ~200 - Main fluid: Liquid/Vapor LPG - Origin: USA	USA	
Threaded Solenoid Valve 1 1/2"/ Van điện từ ren đóng ngắt tự động 1 1/2" ren 12			
	- Type: N.C - Body: Brass - Seat material(Gasket): V = FKM + PA - Threads conection: NPT1" - 1/2" Female - Coil apply voltage: 24/12Vdc - Max working pressure: 6 bar at power coil: 14w	Italia	

Threaded Slam shut off Valve (Germany)/ Valve ngắt quá áp - Ren (Đức) 13	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
	- Body Material: S.G Iron - Threaded connection: Female NPT 01" - Type: in line OPSS with OPSS sense line - Pmax - Inlet pressure (bar): 20 bar - - Pmax - Outlet pressure (bar): 0 - 2.5 bar - - Ambient temperature range (°C): -34 ~ 65 - Standard: BS EN 1563:1997 Gr 400-15 - Main fluid: Vapor LPG/NG - Origin: Germany	Germany	
1st stage Regulator (Italila)/ Valve điều áp cấp I (Italia) 14			
	- Body Material: Gavalnized steel 400, powder coating - Threaded connection: Female NPT 01" - 1-1/2" - Flow rate (Kg/hr): 300 - 1.000 - Pmax - Inlet pressure (bar): 18 bar - - Pmax - Outlet pressure (bar): 1.1 - 02 bar - - Standard: BS EN 1563:1997 Gr 400-15 - Working temperature range (°C): -34 ~ 60 - Main fluid: Vapor LPG/NG - Origin: Italia	Italia	
High Pressure Diagram Gas (LPG) Meter/ Đồng hồ lưu lượng gas (LPG) màn cao áp 15			
	- Body Material: Steel/Aluminum - Threaded connection: NPT male 3/4" - Type: Diagram - Pmax (bar): 1.5 - Pulse: With or without - Flow rate (Kg/hr): 1.300 - 43.000 - Ambient temperature range (°C): -34 ~ 65 - Standard: ANSI B109.1, ANSI B109.2 - Main fluid: Vapor LPG/NG - Origin: Germany	Germany	

Smoke Sensor - Exd' type/ Cảm biến báo khói - Chống cháy nổ 16	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
 	- Body Material: Polycarbonate / ABS - Sensor type: Catylic - Power supply (VDC): 12-17.9 - Output: 0-20 mA (±0.3 mA) - LEL: 0 ÷ 20 % - Storage Temp-Humidity (°C): -20 ~ 55 - Exd' type: Class 1 Zone1 AWX db ia IIC T4 Gb - Main fluid: LPG - Origin: Italia	Italia	
Liquid Gas (LPG) Mass Flow Meter/ Đồng hồ đo lưu lượng gas (LPG) lỏng 17			
	- Body Material: SUS316L - Flanged connection: ANSI 300, 02" - Case pressure (bar): 52 - 130 - Electric connecton: C Electronics Interface: For integral mount 1700 (all outputs) or 2700 (Fieldbus or Profibus) transmitters - Flow rate (Kg/hr): 1.300 - 43.000 - Ambient temperature range (°C): -40 ~ 85 - C Electronics Interface: For integral mount 1700 (all outputs) or 2700 (Fieldbus or Profibus) transmitters - Standard: Z Approvals: ATEX - Equipment Category 2 (Zone 1)/PED compliant - Main fluid: Liquid LPG - Origin: Germany	Germany	
Threaded Mechanical pressure gauge - 1/4" (Size 63mm - 160mm)/ Đồng hồ áp suất cơ - kích thước 63mm 18			
	- Body Materials: SUS304, Aluminum, Glass - Threaded connection: Male, NPT 1/4" & 1/2" - Size (mm):63 - 160 - Accuracy: ≤ ± 0.25 % FSO BFSL - Nominal pressure gauge (bar): 01 - 1.600 - Burst pressure (bar): 1 - 800 - Temp range (°C) with glycerin: -25 ~ 60 - Filling fluid: G - Standard: IP 65 per EN 60 529 / IEC 529 - Origin: Netherland	Netherland	

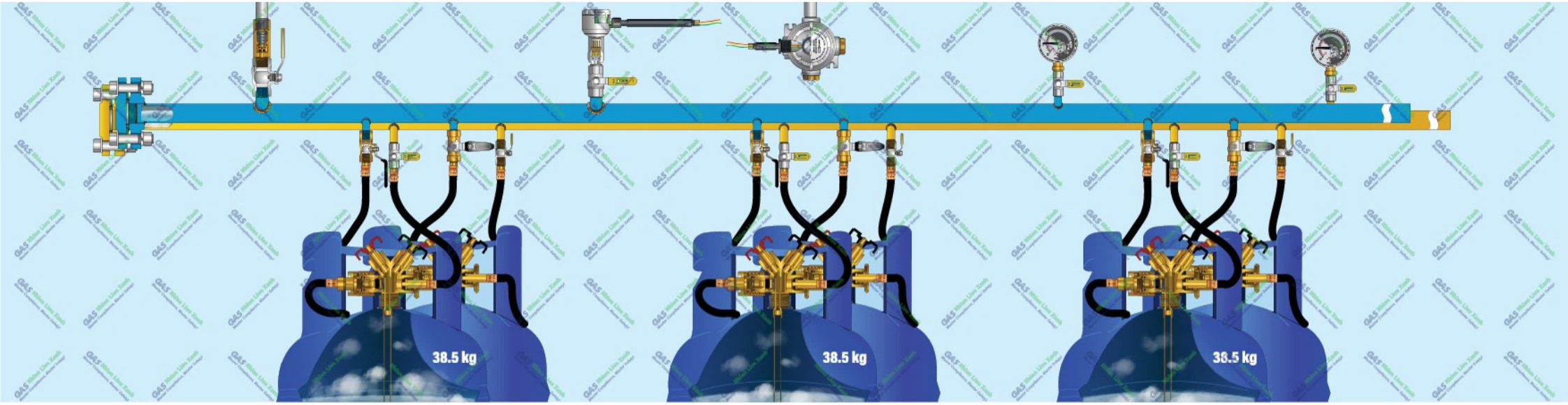
	Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
Vapore gas (LPG) pigtail + POL handwheel/ Dây đuôi heo gas (LPG) hơi + Khớp nối POL **19** 	- Body Material: Bronze and Black Rubber - Connection (with Cylinder valve): Female ACME Adaptor (ACME SCREW THREADS - UL standard) - Rubber size: 1/4" (6.3mm) - Max working pressure (bar): 24.5 bar - - Standard: UL569+CSA8.1 - Working temperature range (°C): -40 ~ 60 - Main fluid: Liquid LPG/NG - Origin: USA/Thailand - Pre-engineered by Nhien Lieu Xanh	USA	
Liquid gas (LPG) pigtail + ACME femaie coupling/ Dây đuôi heo gas (LPG) lỏng + Khớp nối cái chuẩn ACME **20** 	- Body Material: Bronze and Black Rubber - Connection (with Cylinder valve): 1/4 NPT, left-hand thread POL Handwheel (EN12165/CuZn40Pb2) - Rubber size: 1/4" (6.3mm) - Max working pressure (bar): 24.5 bar - - Standard: UL569+CSA8.1 - Working temperature range (°C): -40 ~ 60 - Main fluid: Liquid/Vapor LPG/NG - Origin: USA/Taiwan/Thailand - Pre-engineered by Nhien Lieu Xanh	USA	
Central LPG Control Panel/ Tủ điều khiển Gas (LPG) Trung tâm **21** 	- Panel body material: Steel, Electrostatic Painting, - Double doors with 2nd glass door - IP: IP42 or 54 - Wall mount or ground stand - Tecnical & Safety Interlink: Gas Detector, Pressure sensor, Solenoid Valve, Alarm & Sound, Overfilled Prevention sensor, Digital Indicator - Output: Fire Alarm, BMS, FCC ... - Function: Manual & Automatic/PLC - Standard: IP 42 or 54 - Key equipment & materials: Germany, Italia, USA, Japan. Vietnam, China ... - Customized by Nhien Lieu Xanh	Germany, Italia, USA, Japan. Vietnam, China ...	

		Spec/ Quy chuẩn	Origin/ Xuất xứ	Remarks/ Ghi chú
Gas (LPG) Detector - Exd' type (IP67)/ Đầu dò gas (LPG) chống cháy nổ (IP67)	22	- Body Material: Aluminum - IP Code: IP 65, Exd' type (Zone 0, 1) - Sensor type: Catylic - Power supply (VDC): 12÷24, 3W - Output: 4 ÷ 20 mA, NO/NC - LEL: 0 ÷ 20 % - Accuracy: +-10%FS - Storage Temp-Humidity (°C): -20 ~ 55 - Main fluid: LPG - Origin: Italia	Italia	
Gas (LPG) Detector - Water proof type/ Đầu dò gas (LPG) - chống nước (IP65)	23	- Body Material: Plastic ABS - IP Code: IP 65 - Sensor type: Catylic - Power supply (VDC): 12÷24, 3W - Output: 4 ÷ 20 mA - LEL: 0 ÷ 20 % - Storage Temp-Humidity (°C): -20 ~ 55 - Main fluid: LPG - Origin: Italia	Italia	
Metal flexible Hose + Exd' junction box - (Electrical enclosed connection)/ Dây mềm gas kim loại + Hộp nối chống cháy nổ - (Kết nối hệ điện chống cháy nổ)	24	- Body Material: SUS304, Aluminum, O-Ring sealing NBR - Connection: Flange & 1/2 NPT thread - Standard: Exd' type; II 2 D Ex tb IIIC T85°C... T200°C Db; IP66 - Working temperature range (°C): -40 ~ 60 - Origin: Italia & Turkey - Pre-engineered by Nhien Lieu Xanh	Italia & Turkey	

Master Compliance, Master Safety!

Fully being aware of Gas (LPG) as one of highly flammable fuels with severe consequences. So **Nhien Lieu Xanh GAS**, an expertise in premium Gas (LPG) market , is commited to provide our premium local and multinational clients, Partners with differentiated solutions, values in depth, including sustainable growth to together set up and spread the proactive safety compliance in Gas (LPG) industry

Ý thức được rằng Gas (LPG) là một trong những nhiên liệu có tính cháy nổ rất cao với những hậu quả nghiêm trọng. Do vậy **Nhiên Liệu Xanh GAS**, chuyên gia giàu kinh nghiệm trên thị trường Gas (LPG) phân khúc cao cấp, cam kết mang đến cho các khách hàng, Đối tác trong nước và đa quốc gia các giải pháp, giá trị chuyên sâu khác biệt - bao gồm phát triển bền vững để cùng nhau thiết lập và lan tỏa việc chủ động tuân thủ An toàn trong lĩnh vực Gas (LPG)



214/B12 Nguyen Trai, Dist 1, HCMC, Vietnam
(+84 28) 39 256 553
info@nhienlieuxanh.com
www.nhienlieuxanh.com