



GASTECH ENGINEERING Co.,Ltd.

PRODUCT CATALOG



WWW.GASTECH.COM.VN



(+84) 90 391 8653



SALES.GASTECH@GASTECH.COM.VN



GAS TECHNIQUE & MACHINERY CO., LTD

LPG AMBIENT AIR RIZER

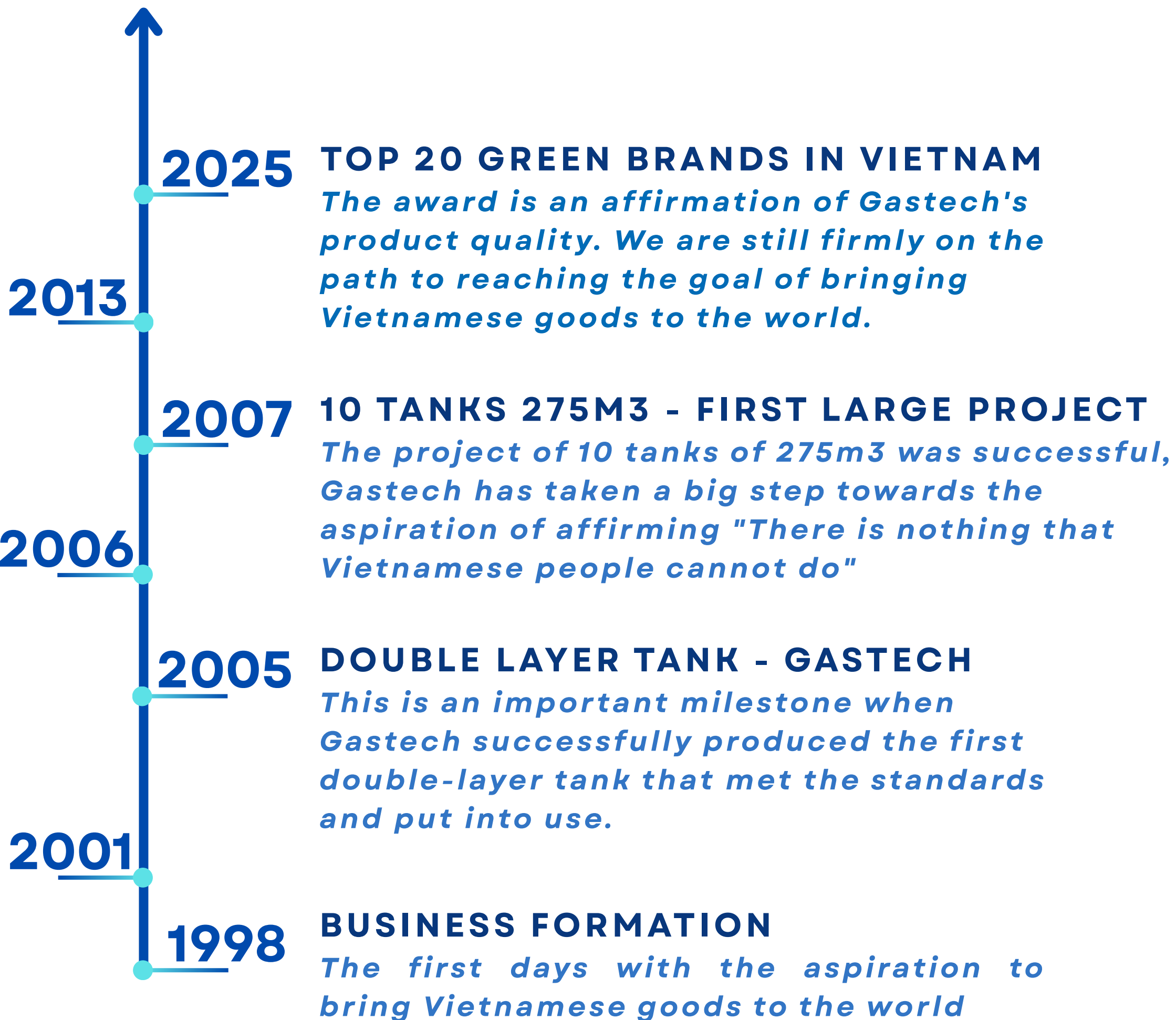
Gastech successfully researched and manufactured the first rizer - quality is the top concern

FACTORY CONSTRUCTION

Gastech develops factory in Di An. This is the premise for outstanding technical development. We have been able to produce standard Oxygen and Argon tanks.

ELECTRIC WATER-BATH RIZER

Gastech successfully researched and manufactured the first electric water-bath rizer.





ABOUT US



GASTECH specializes in providing industrial gas equipment and complete solutions for LPG, CO₂, and O₂ systems, serving factories, industrial zones, and energy projects.

With an experienced team of engineers and strong on-site execution capabilities, Gastech continuously innovates to deliver high-quality, safe, and cost-effective products, accompanying customers throughout the entire project lifecycle.

Core areas of operation:

- Manufacturing and supplying LPG rizers (electric, hot water, and ambient type)
- Designing and installing LPG storage tanks, safety valve systems, and accessories
- Distributing MS industrial valves (Korea) Executing centralized gas supply systems and custom industrial gas tank installations

GASTECH – Your trusted partner for sustainable industrial gas solutions, proudly recognized as one of Vietnam's Top 20 Green Brands 2025, with the Ambient rizer honored among the Top 20 Green Products of Vietnam 2025.

CONSTRUCTION UNIT INFORMATION

Company

GAS TECHNIQUE & MACHINERY CO.,LTD

Add

310 Au Duong Lan, Chanh Hung Ward, HCMC, VN

Factory

119 Tran Van On, Dong Hoa, TP.HCM

Website

www.gastech.com.vn

Tel

(+84)90 391 8653 (Mr. Phuc)

Hotline

028 730 71899

Mail

tu.lt@gastech.com.vn

Sales.gastech@gastech.com.vn



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STORAGE TANKS



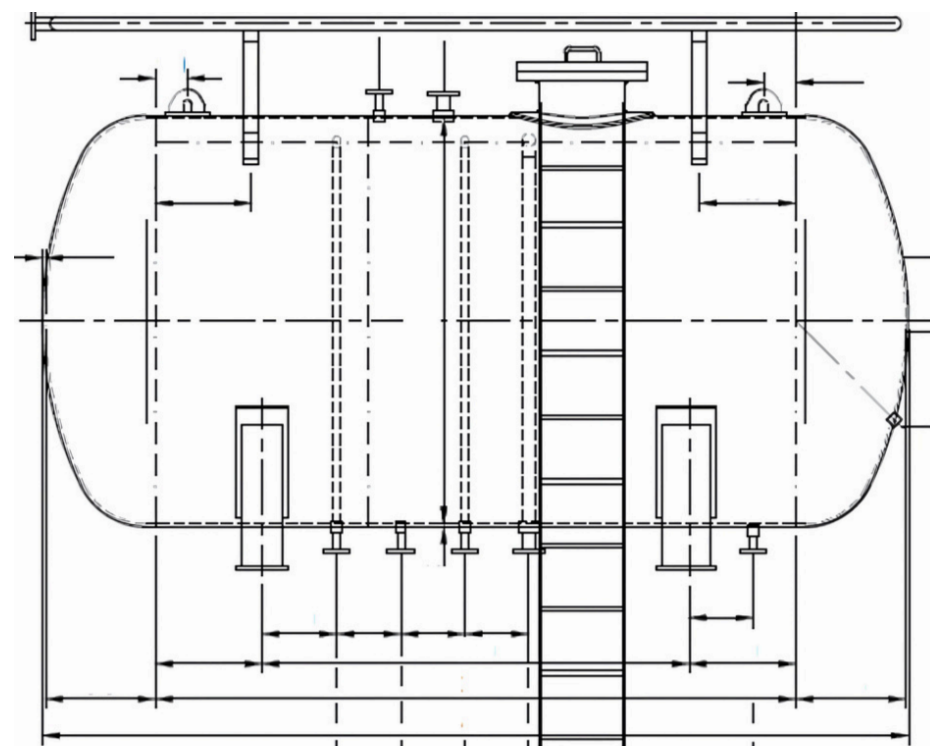


GASTECH ENGINEERING Co.,Ltd

LPG STORAGE TANK

SPECIFICATIONS :

- **Standard of designs:** QCVN 02:2020/BCT
(Refer ASME 8.1/ ASME 8.2)
- **Designed pressure:** 17.6 bar
- **Designed temperature:** -10 ÷ 50 °C
- **Hydraulic test pressure:** 27 bar
- **Type of tank:** Horizontal
- **Type of head:** Elip 2:1
- **Material of Shell & Head :** SA 516 Gr. 70/ Q345R



SIZE	NET CAPACITY (85%)	VOLUME	OVERALL DIAMETER	OVERALL LENGTH	EMPTY WEIGHT
	TON	M ³	MM	MM	KG
5T	5	10.46	1928	4061	3000
10T	10	21.79	1928	8061	6900
15T	15	32.68	2536	7169	10500
20T	20	43.17	2536	9369	13050
30T	30	65.36	2536	13865	15330
50T	50	108.9	3294	13827	28000

M	MANHOLE	E	STEAM OUTLET
L1	LIQUID INLET	S	SAFETY VALVE
V2	VAPOR INLET	G	LEVEL GAUGE
L2	LIQUID OUTLET	P	PRESSURE GAUGE
V2	VAPOR OUTLET	T	TEMP. GAUGE
D	DRAIN VALVE	TS	TEMP. SENSOR

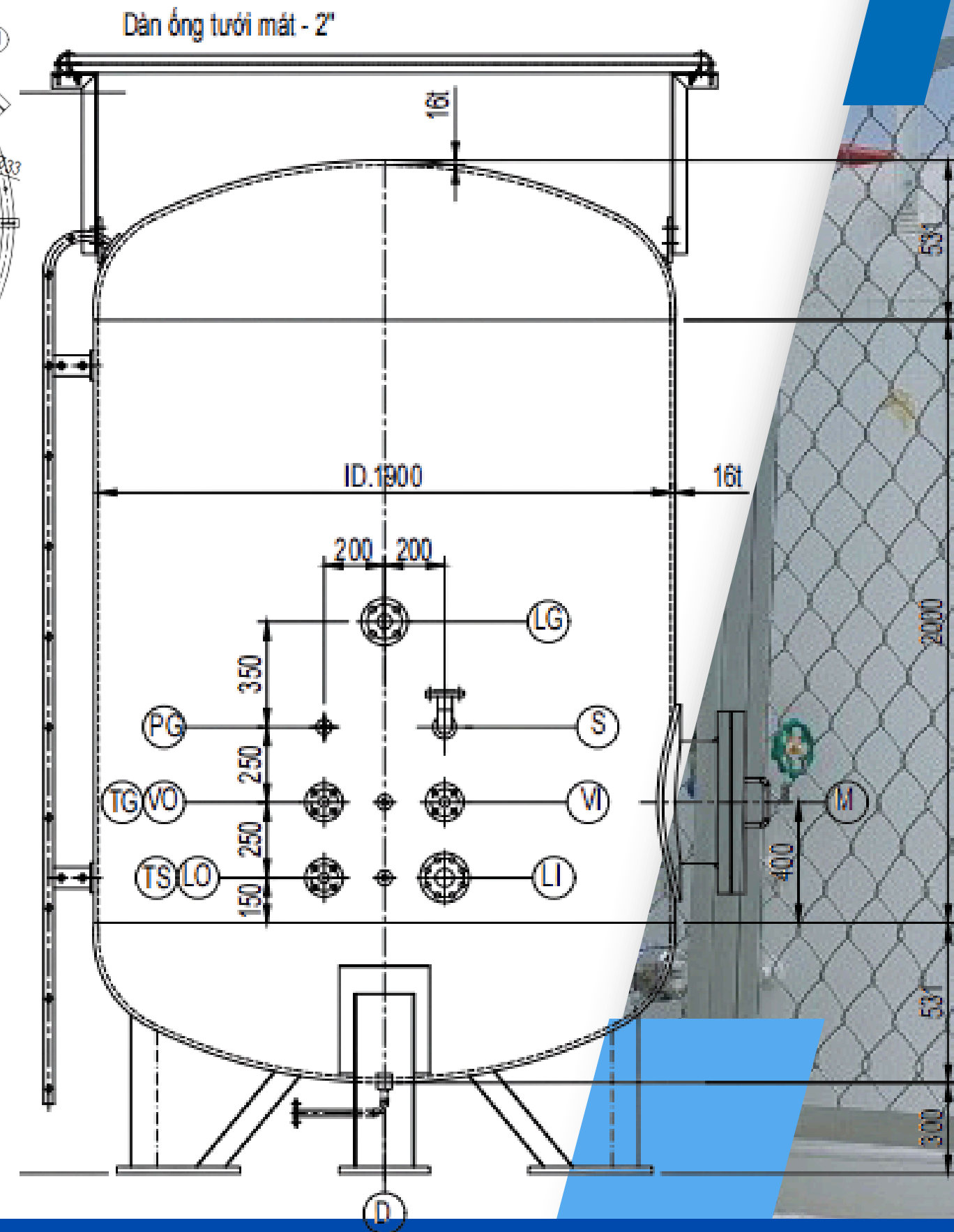
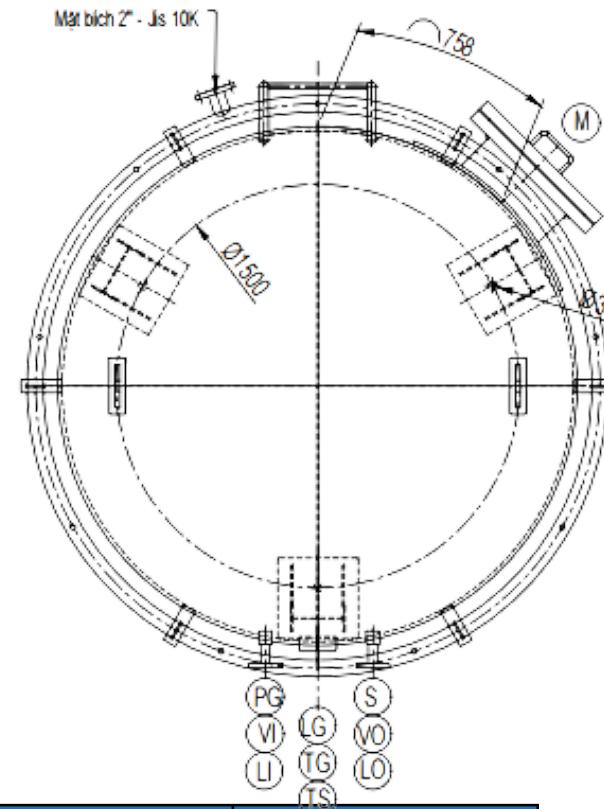


GASTECH ENGINEERING Co.,Ltd

LPG STORAGE TANK

SPECIFICATIONS :

- **Standard of designs:** QCVN 02:2020/BCT
- **Fluid :** LPG
- **Design pressure:** 17.6 bar
- **Design temperature:** -10 ÷ 50 °C
- **Vessel material:** Q345R/SA 516 Gr. 70
- **Volume:** 1m³-50m³



SIZE	GROSS CAPACITY	NET CAPACITY (85%)	OVERALL DIAMETER	OVERALL HIGHT	EMPTY WEIGHT
	LITER	LITER	MM	MM	KG
2.3M	2300	1955	1404	2144	1540
3.5M	3500	2975	1694	2290	1800
5M	5000	4250	1928	2687	2400
7.5M	7500	6375	1924	3360	2600
10M	10000	9000	2336	5400	5600
15M	15000	13500	2416	6550	7500
20M	20000	18000	2416	8100	10200
30M	30000	27000	2416	11400	15500
50M	50000	45000	3020	11250	22200

*All dimensions are for illustrative purposes only. Please notify us when purchasing

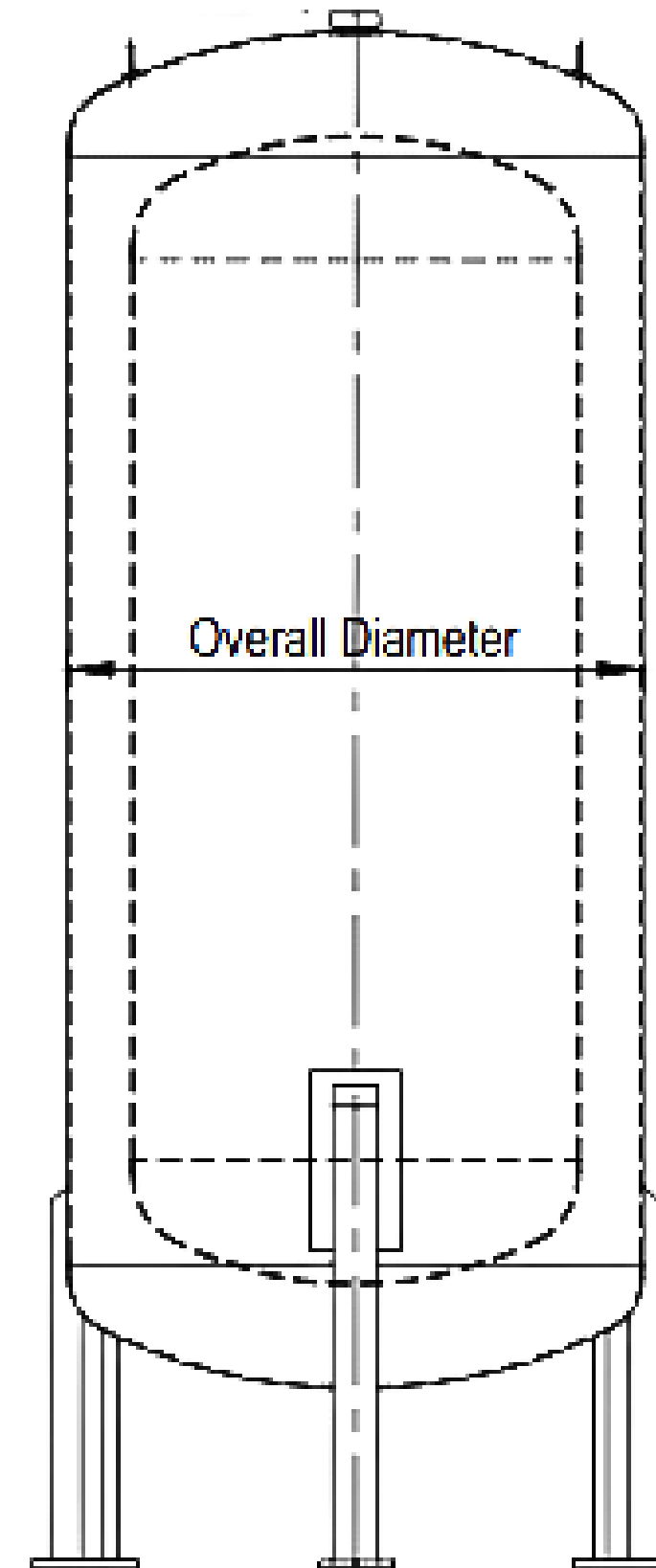
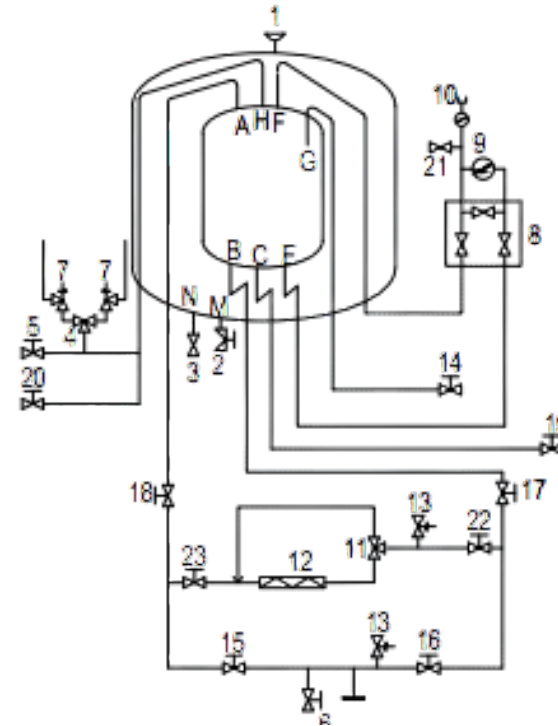


GASTECH ENGINEERING Co.,Ltd

CRYOGENIC TANK

SPECIFICATIONS :

- **Standard of designs:** QCVN 02:2020/BCT
- **Fluid :** LOX, LIN, LAR, LCO2
- **Design pressure:** 8 ~ 35bar
- **Design temperature:** -196~50oC
- **Inner vessel material:** SA240-304
(for LCO2 : SA516 GR.70N)
- **Outer vessel material:** ASTM A36
- **Volume:** 1m³ - 50m³
- **Insulation:** Perlite



SIZE	GROSS CAPACITY	NET CAPACITY (90%)	EVAPORATION RATE	OVERALL DIAMETER	OVERALL HIGHT	EMPTY WEIGHT
	LITER	LITER	%/DAY	MM	MM	KG
3M	3000	2700	0.46	1632	4700	3000
6M	6000	5400	0.4	1632	6790	4000
7.3M	7300	6570	0.37	2216	5314	5600
10M	10000	9000	0.32	2336	5400	5600
15M	15000	13500	0.25	2416	6550	7500
20M	20000	18000	0.21	2416	8100	10200
30M	30000	27000	0.21	2416	11400	15500
50M	50000	45000	0.15	3020	11250	22200

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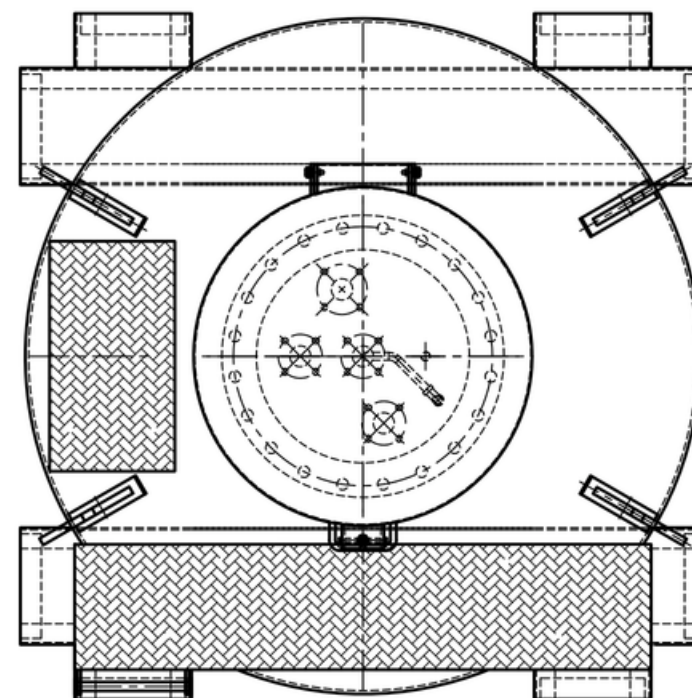
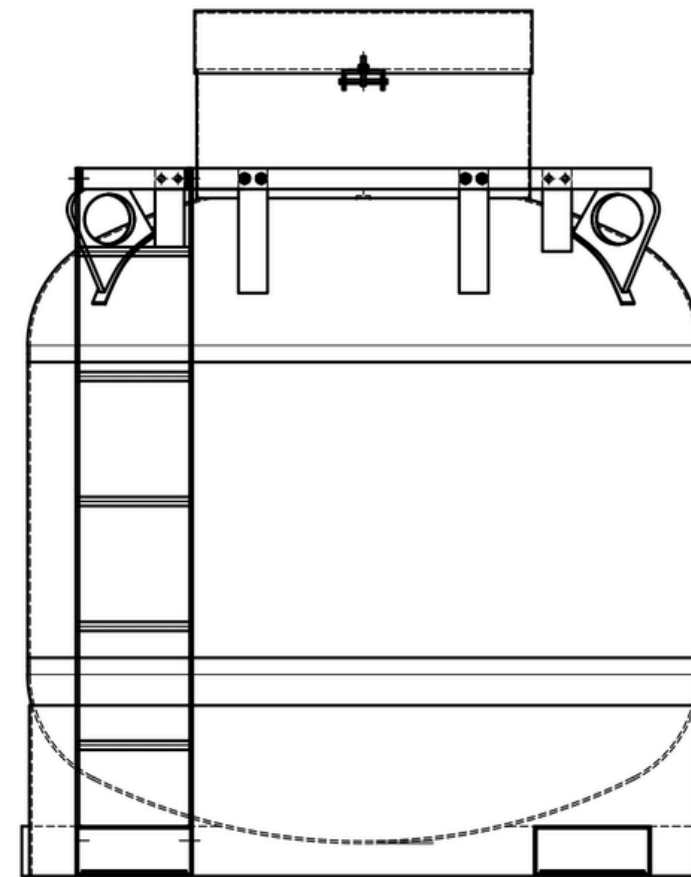


STORAGE TANK EM/ NDM/ DMDS

SPECIFICATIONS :

- Standard of designs: QCVN 02:2020/BCT
(Refer ASME 8.1/ ASME 8.2)
- Designed pressure: 4 bar
- Designed temperature: -20 → 65 °C
- Hydraulic test pressure: 6 bar
- Type of tank: Vertical

MARK	DESCRIPTION	QTY	MATERIAL	SIZE
01	Shell Plate	01	SA240-304L	ID 1600X6t
02	Head Plate (Torispherical)	02	SA240-304L	ID1600x6t
03	Lifting Lug	04	SA516 - Gr.70	10t
04	Protect Cover	01	SS400	3t
05	Support	01	SS400	
06	Ladder	01	SS400	



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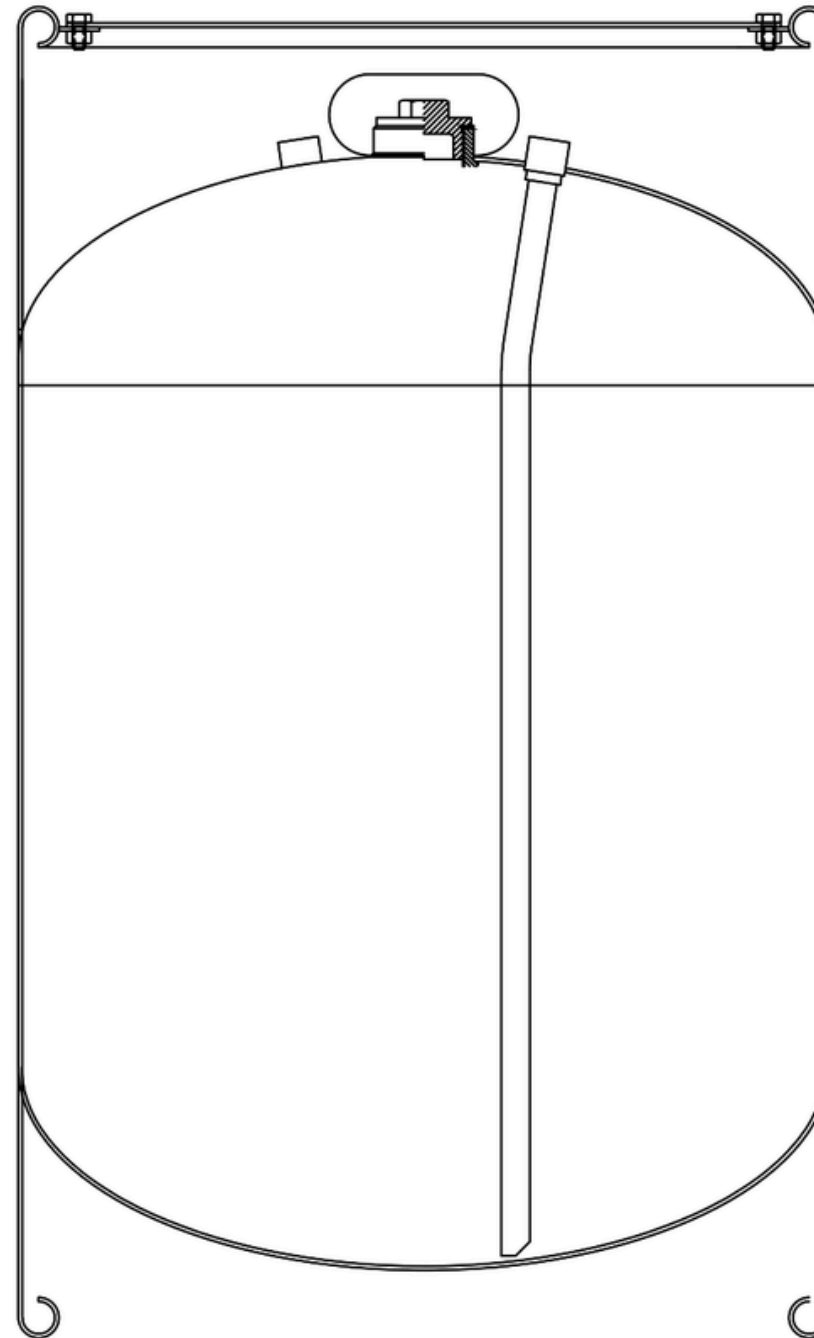


STORAGE TANK EM/ NDM/ DMDS

SPECIFICATIONS :

- Standard of designs: QCVN 02:2020/BCT
(Refer ASME 8.1/ ASME 8.2)
- Designed pressure: 7 bar
- Designed temperature: -20 → 50 °C
- Pneumatic test pressure: 7.7 bar
- Type of tank: Vertical
- Weight Empty: 70 kg
- Volume Capacity: 200 Liter

MARK	DESCRIPTION	QTY	MATERIAL
01	Protection Plate	01	SUS 304
02	Discharge nozzle f.npt 1/2"	01	SUS 304
03	Filling Nozzle G2	04	SUS 304
04	Pressure nozzle f.npt 1/2"	02	SUS 304
05	Cover	01	SUS 304
06	Head 2:1	02	SUS 304
07	Shell - ID594/L485/3t	01	SUS 304



GASTECH ENGINEERING Co.,Ltd.



ELECTRIC VAPORIZER



NH3 ELECTRIC VAPORIZER



- Liquefied gas will not overflow (with special float)
 - Preventive equipment for overheating of hot water
 - Convenient electric wiring
 - Manual return equipment for liquid float
- Safety equipment for low water level
 - Introduced safety valve.
 - Preventive equipment for water vaporization.
 - Thermal insulation (Pollution-free).

**All dimensions are for illustrative purposes only.
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MODEL		GTV-30-FNH	GTV-50-FNH	GTV-60-FNH	GTV-70-FNH
Capacity	kg/hr lb/hr	30 110	50 110	60 132	70 220
Water Bath Capacity	liters	115	150	150	196
Design Pressure	kg/cm ²	18			
	MPa	1.77			
Liquid inlet		20A(3/4")	20A(3/4")	20A(3/4")	20A(3/4")
Vapor outlet		25A(1")	25A(1")	40A(1.1/2")	40A(1.1/2")
Hydrostatic Test Pressure	kg/cm ²	27			
	MPa	2.66			
Relief Valve	kg/cm ²	17.5			
Setting Pressure	MPa	1.72			
Flame- Proof	kW	14	21	28	28
Electric Heater		(14kWx1)	(21kWx1)	(14kWx2)	(14kWx2)
Electric Requirement	Heater Control Circuit	220V/380V/415V/440V/460V, 3-Phase 220V, 1-Phase			
Dimension (mm)	Width	580	580	580	580
	Depth	710	710	710	710
	Height	780	780	780	780
Weight	kg	145	160	160	190

NH3 ELECTRIC VAPORIZER

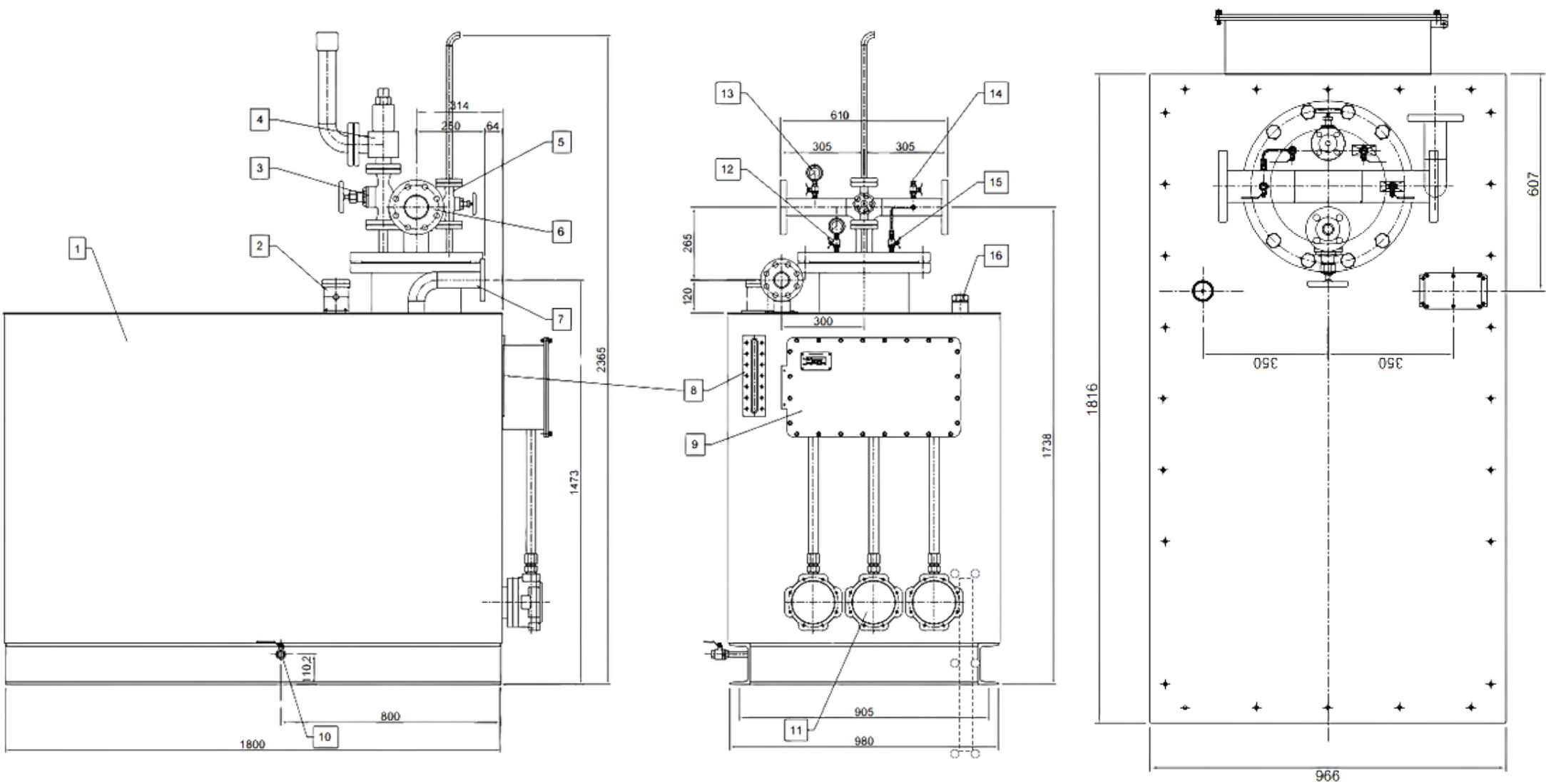


- Liquefied gas will not overflow (with special float)
 - Preventive equipment for overheating of hot water
 - Convenient electric wiring
 - Manual return equipment for liquid float
- Safety equipment for low water level
 - Introduced safety valve.
 - Preventive equipment for water vaporization.
 - Thermal insulation (Pollution-free).

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MODEL		GTV-150-FNH	GTV-200-FNH	GTV-300-FNH
Vaporization	kg/hr	150	200	300
Capacity	lb/hr	330	440	660
Water Bath Capacity	liters	300	500	1200
Design Pressure	kg/cm ²	22		
	MPa	2.16		
Liquid inlet		20A(3/4")	20A(3/4")	40A(1.1/2")
Vapor outlet		50A(2")	25A(1")	80A (3")
Hydrostatic Test Pressure	kg/cm ²	33		
	MPa	3.24		
Relief Valve	kg/cm ²	21		
Setting Pressure	MPa	2.05		
Flame- Proof	kW	63	84	140
Electric Heater		(21kWx3)	(28kWx3)	(35kWx4)
Electric Requirement	Heater Control Circuit	220V/380V/415V/440V/460V, 3-Phase 220V, 1-Phase		
Dimension (mm)	Width	580	580	1200
	Depth	710	710	1850
	Height	980	1180	1835
Weight	kg	300	500	1050

NH3 VAPORIZER 500-750KG/HR



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MODEL		GTV-500-FNH	GTV-750-FNH
Vaporization Capacity	kg/hr	500	750
	lb/hr	1000	1500
Water Bath Capacity		liters	1200
Design Pressure	kg/cm ²	18	
	MPa	1.77	
Liquid inlet		40A(1.1/2")	50A(2")
Vapor outlet		80A (3")	80A(3")
Hydrostatic Test Pressure	kg/cm ²	27	
	MPa	2.66	
Relief Valve Setting Pressure	kg/cm ²	17.5	
	MPa	1.72	
Flame- Proof Electric Heater	kW	140	208
		(35kWx4)	(52kWx4)
Electric Requirement	Heater	220V/380V/415V/440V/460V, 3-Phase	
	Control Circuit	220V, 1-Phase	
Dimension (mm)	Width	1200	1500
	Depth	1850	2200
	Height	1835	1835

LPG ELECTRIC VAPORIZER 30-150KG/HR



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MODEL		GTV-30-FL	GTV-50-FL	GTV-100-FL	GTV-150-FL
Vaporization	kg/hr	30	50	100	150
Capacity	lb/hr	66	110	220	300
Water Bath Capacity	liters	18	34	65	80
Design Pressure	kg/cm ²	18			
	MPa	1.8			
Liquid inlet		15A (1/2")	15A (1/2")		
Vapor outlet		25A(1")			
Hydrostatic Test	kg/cm ²	27			
Pressure	MPa	2.7			
Relief Valve	kg/cm ²	17.5			
Setting Pressure	MPa	18			
Flame- Proof Electric Heater	kW	6	9	16	24
Electric Requirement	Heater Control Circuit	220V/380V/415V/440V/460V, 3-Phase 220V, 1-Phase			
Dimension (mm)	Width	480	560	410	410
	Depth	350	410	710	860
	Height	780	930	1020	1170
Weight	kg	50	70	90	110

LPG ELECTRIC VAPORIZER 200-400KG/HR



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MODEL		GTV-200-FL	GTV-300-FL	GTV-400-FL
Vaporization	kg/hr	200	300	400
Capacity	lb/hr	440	660	440
Water Bath Capacity	liters	160	235	345
Design Pressure	kg/cm ²	18		
	MPa	1.77		
Liquid inlet		20A (3/4")	20A (3/4")	25A (1")
Vapor outlet		50A (2")		
Hydrostatic Test Pressure	kg/cm ²	27		
	MPa	2.66		
Relief Valve	kg/cm ²	17.5		
Setting Pressure	MPa	1.72		
Flame- Proof Electric Heater	kW	28 (14kWx2)	42 (21kWx2)	54 (18kWx3)
Electric Requirement	Heater Control Circuit	200/220V/380/415/440/460V, 3-Phase 220V, 1-Phase		
Dimension (mm)	Width	580	580	720
	Depth	820	1025	1100
	Height	1180	1380	1450
Weight	kg	190	-	-

LPG ELECTRIC VAPORIZER 200-400KG/HR



**All dimensions are for illustrative purposes only.
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MODEL		GTV-200-FL	GTV-300-FL	GTV-400-FL
Vaporization	kg/hr	200	300	400
Capacity	lb/hr	440	660	440
Water Bath Capacity	liters	160	235	345
Design Pressure	kg/cm ²	18		
	MPa	1.77		
Liquid inlet		20A (3/4")	20A (3/4")	25A (1")
Vapor outlet		50A (2")		
Hydrostatic Test Pressure	kg/cm ²	27		
	MPa	2.66		
Relief Valve	kg/cm ²	17.5		
Setting Pressure	MPa	1.72		
Flame- Proof Electric Heater	kW	28 (14kWx2)	42 (21kWx2)	54 (18kWx3)
Electric Requirement	Heater Control Circuit	200/220V/380/415/440/460V, 3-Phase 220V, 1-Phase		
Dimension (mm)	Width	580	580	720
	Depth	820	1025	1100
	Height	1180	1380	1450
Weight	kg	190	-	-

LPG ELECTRIC VAPORIZER 400-600KG/HR



MODEL		GTV-400-FL	GTV-500-FL	GTV-600-FL
Vaporization	kg/hr	400	500	600
Capacity	lb/hr	440	1100	1320
Water Bath Capacity	liters	345	375	450
Design Pressure	kg/cm ²	18		
	MPa	1.77		
Liquid inlet		25A(1")		40A(1.1/2")
Vapor outlet		50A(2")		80A(3")
Hydrostatic Test	kg/cm ²	27		
Pressure	MPa	2.66		
Relief Valve	kg/cm ²	17.5		
Setting Pressure	MPa	1.72		
Flame- Proof	kW	54	72	84
Electric Heater		(18kWx3)	(36kWx2)	(28kWx3)
Electric	Heater	220V/380V/415V/440V/460V, 3-Phase		
Requirement	Control Circuit			
Dimension (mm)	Width	720	700	820
	Depth	720	1100	1020
	Height	1350	1450	1425
Weight	kg	-	-	-

**All dimensions are for illustrative purposes only. Please notify us when purchasing*

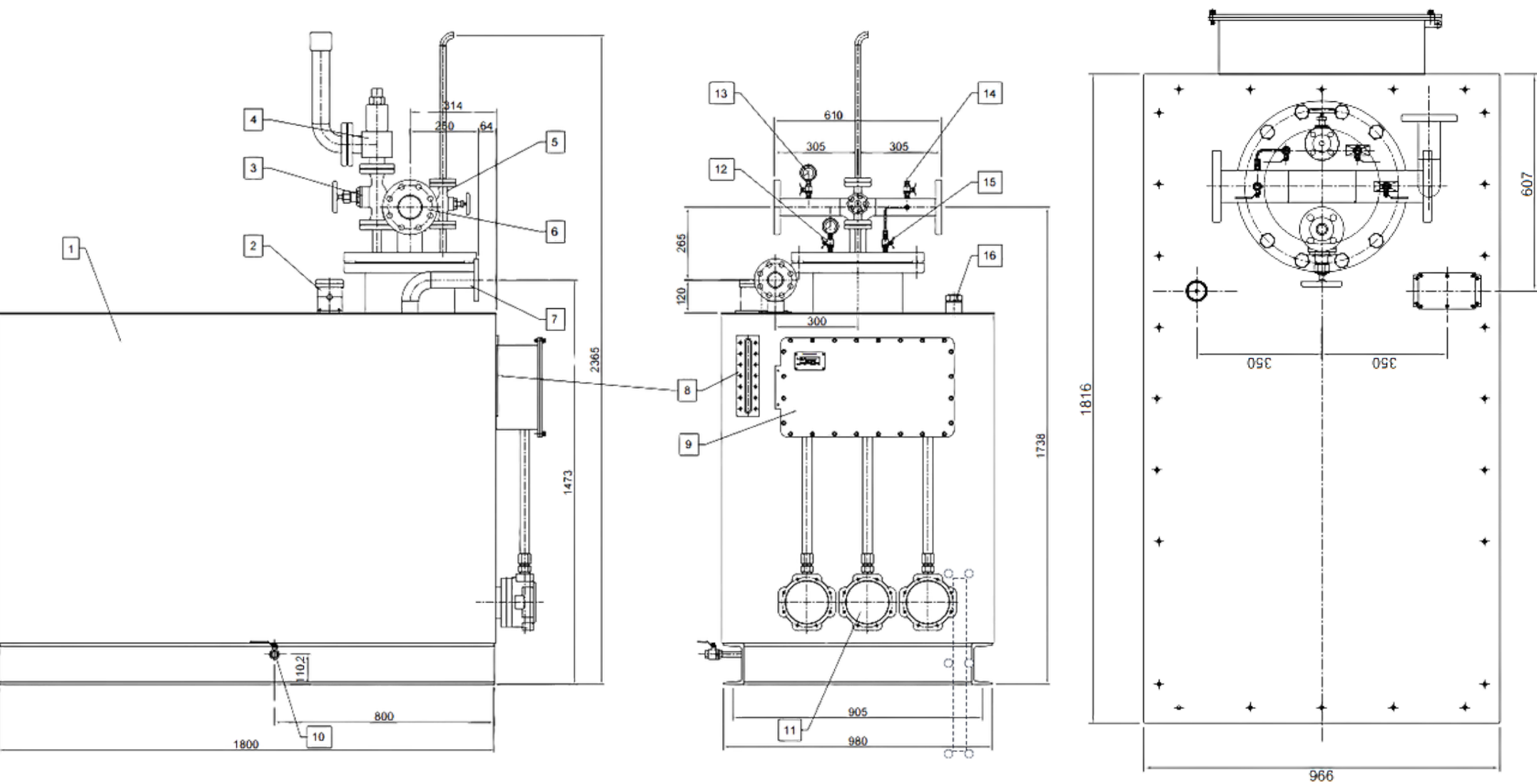
LPG ELECTRIC VAPORIZER 600-800KG/HR



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MODEL		GTV-600-FL	GTV-750-FL	GTV-800-FL
Vaporization	kg/hr	600	750	800
Capacity	lb/hr	1320	1650	1760
Water Bath Capacity	liters	450	580	620
Design Pressure	kg/cm ²	18		
	MPa	1.77		
Liquid inlet		40A(1.1/2")	40A(1.1/2")	40A(1.1/2")
Vapor outlet		50A(2")	80A (3")	
Hydrostatic Test	kg/cm ²	27		
Pressure	MPa	2.66		
Relief Valve	kg/cm ²	17.5		
Setting Pressure	MPa	1.72		
Flame- Proof	kW	84	105	112.5
Electric Heater		(28kWx3)	(35kWx3)	(37.5kWx3)
Electric	Heater	220V/380V/415V/440V/460V, 3-Phase		
Requirement	Control Circuit	220V, 1-Phase		
Dimension (mm)	Width	820	920	920
	Depth	1020	1290	1290
	Height	1425	1410	1460
Weight	kg	-	-	-

LPG VAPORIZER 1000KG/HR



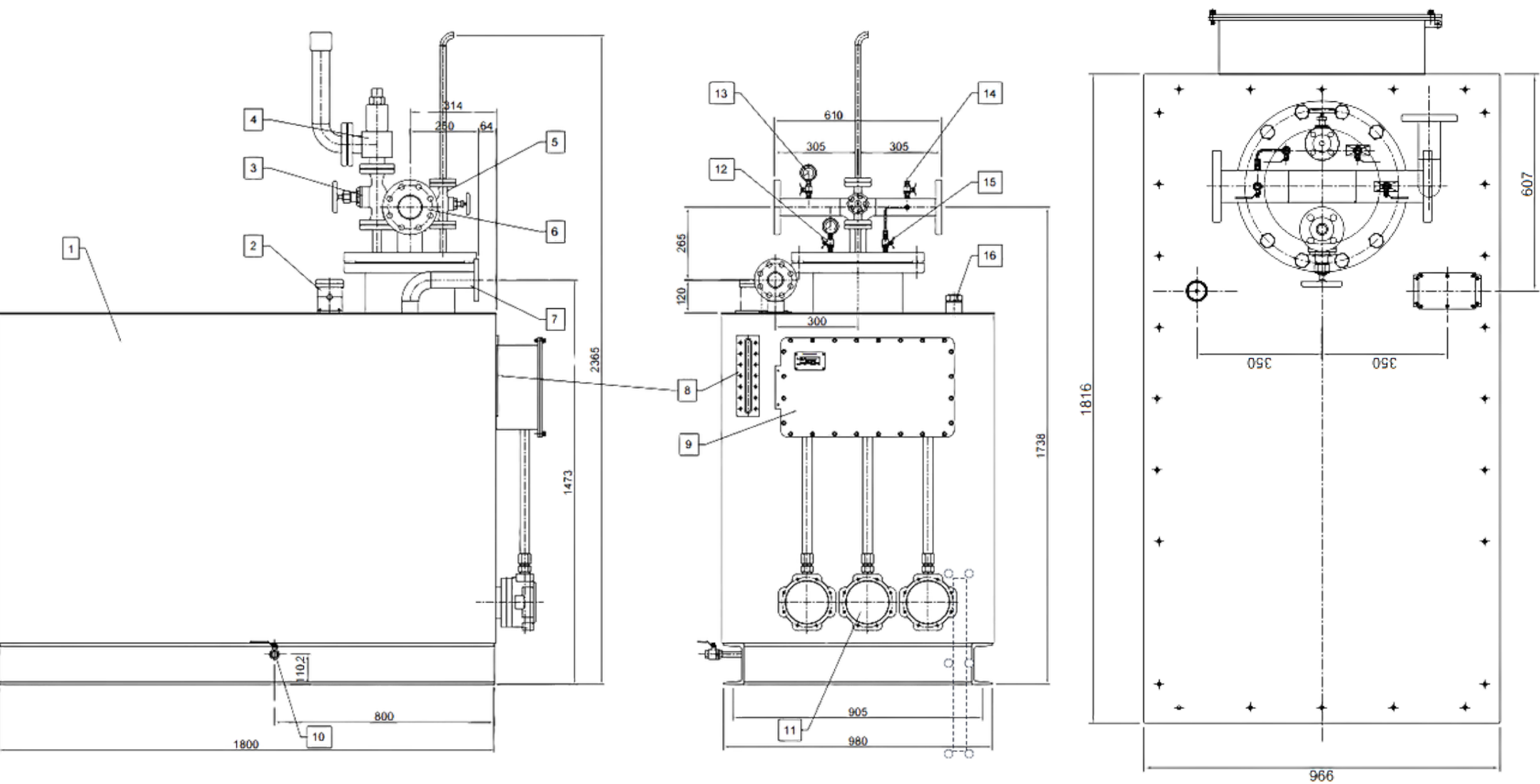
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MODEL		GTV-1000-FL
Vaporization Capacity	kg/hr	1000
	lb/hr	2200
Water Bath Capacity	liters	1200
Design Pressure	kg/cm ²	18
	MPa	1.77
Liquid inlet		40A(1.1/2")
Vapor outlet		80A (3")
Hydrostatic Test Pressure	kg/cm ²	27
	MPa	2.66
Relief Valve Setting Pressure	kg/cm ²	17.5
	MPa	1.72
Flame- Proof Electric Heater	kW	140
		(35kWx4)
Electric Requirement	Heater	220V/380V/415V/440V /460V, 3-Phase
	Control Circuit	220V, 1-Phase
Dimension (mm)	Width	1200
	Depth	1850
	Height	1835



GASTECH ENGINEERING Co.,Ltd.

BUTAN VAPORIZER 1000-1500KG/HR



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MODEL		GTV-1000-FL	GTV-1500-FL
Vaporization Capacity	kg/hr	1000	1500
	lb/hr	2200	3307
Water Bath Capacity		liters	2000
Design Pressure	kg/cm ²	18	
	MPa	1.77	
Liquid inlet		40A(1.1/2")	50A(2")
Vapor outlet		80A (3")	80A(3")
Hydrostatic Test Pressure	kg/cm ²	27	
	MPa	2.66	
Relief Valve Setting Pressure	kg/cm ²	17.5	
	MPa	1.72	
Flame- Proof Electric Heater	kW	140	208
		(35kWx4)	(52kWx4)
Electric Requirement	Heater	220V/380V/415V/440V/460V, 3-Phase	
	Control Circuit	220V, 1-Phase	
Dimension (mm)	Width	1200	1500
	Depth	1850	2200
	Height	1835	1835

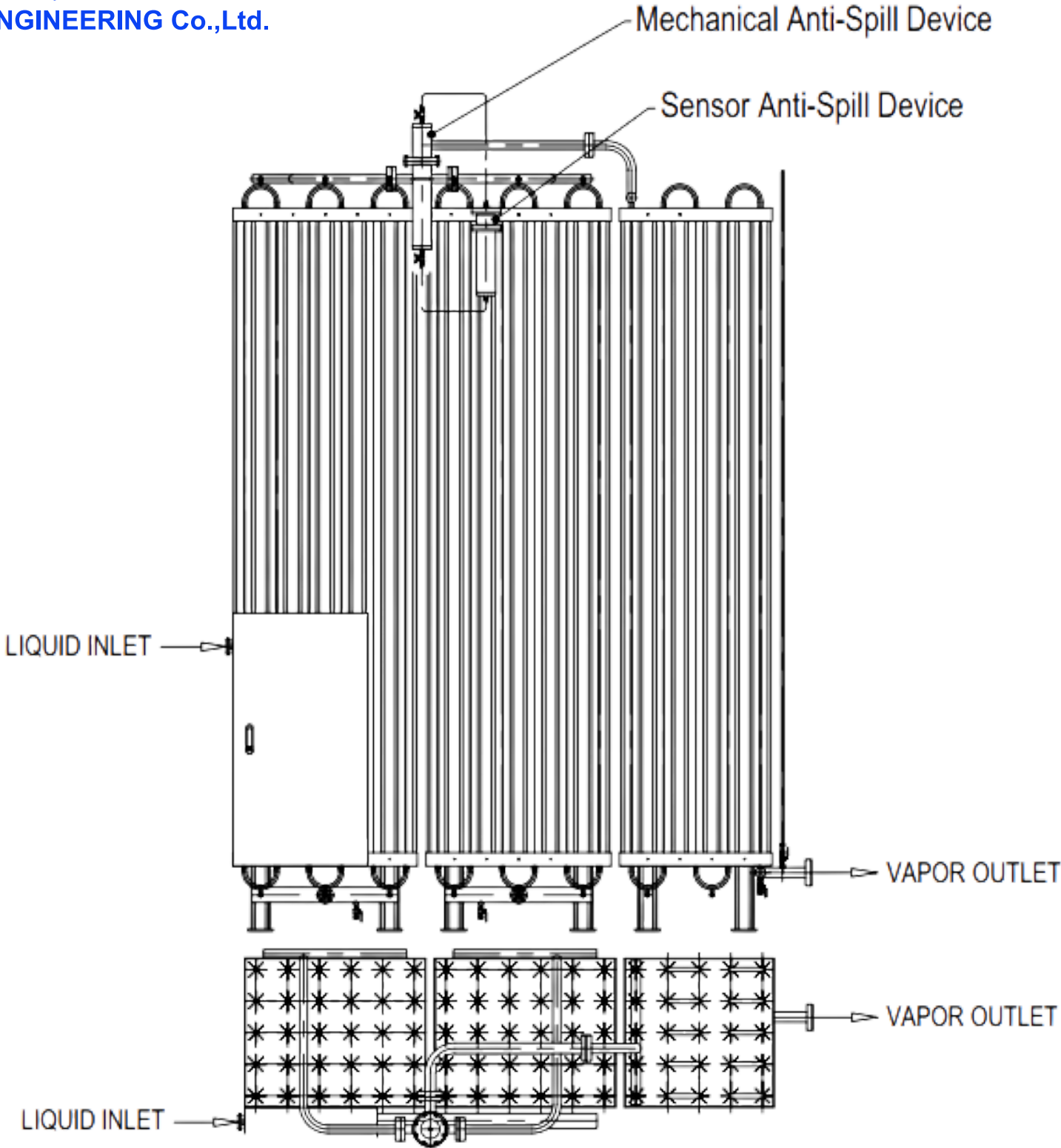


GASTECH ENGINEERING Co.,Ltd.

NON-ELECTRIC VAPORIZERS



LPG NON-ELECTRIC VAPORIZER

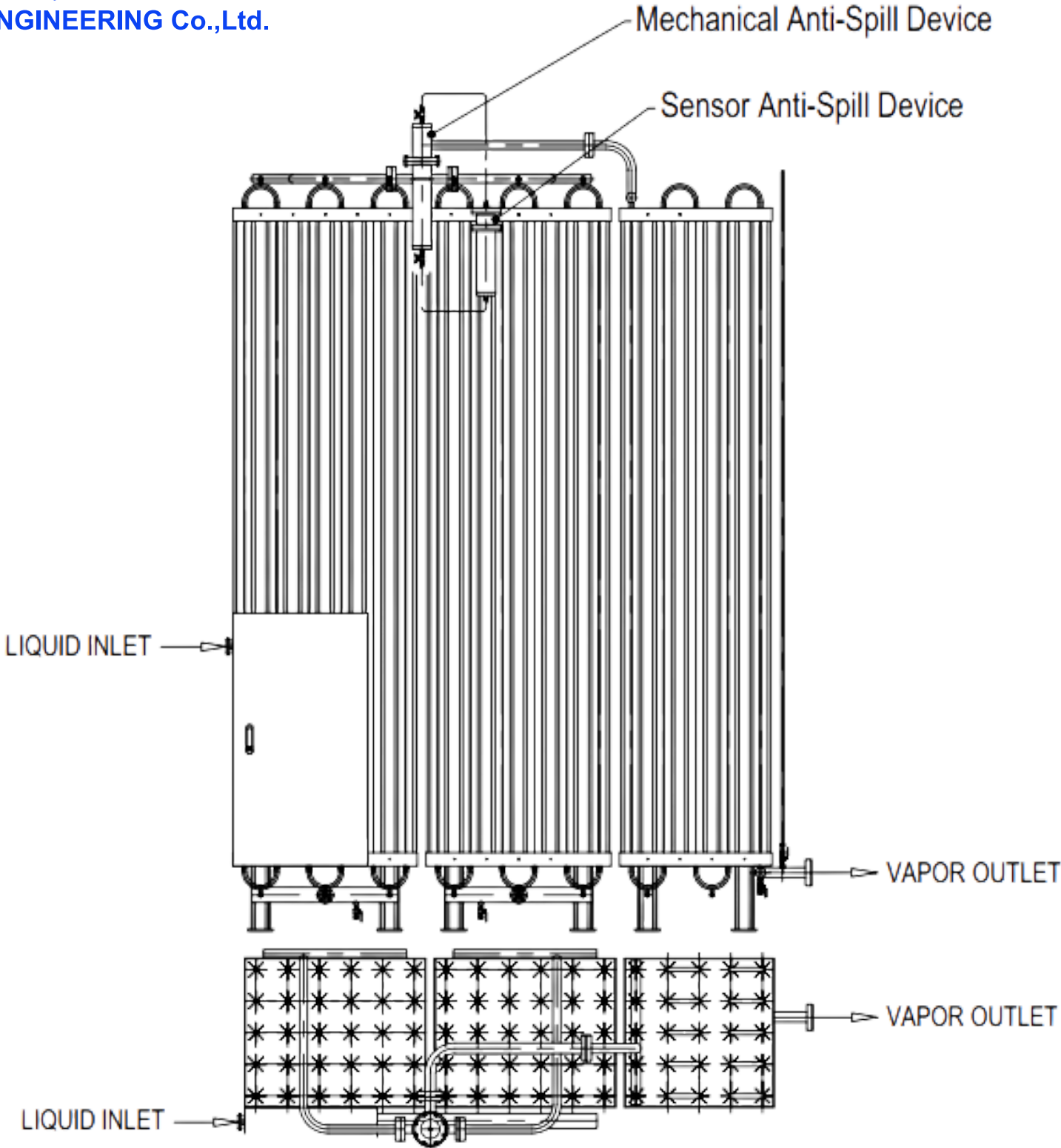


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SPECIFICATION

MODEL (XXXX IN PLACE OF CAPACITY) (YY IN PLACE OF CONTINOUS OPERATING TIME)	GTV-XXXX-NE-LPG-YY
FLUID	LPG
REQUIRE AMBINET TEMPERATURE	12°C or higher
DESIGN PRESSURE	18 bar
AIRTIGH TEST PRESSURE	20 bar
DESIGN TEMP.	-20°C ~ +50°C
VAPORIZATION PRESSURE OUTLET	1~2 bar
CAPACITY	50 ~ 3000 kg/h
DESIGNED CONTINUOUS OPERATING TIME (WITH THE WINDS OF 1 METRES PER SECOND)	8/24 hours
MATERIAL	Aluminum 6063T5

LPG NON-ELECTRIC VAPORIZER



MODEL		GTV-100-NE-LPG-8	GTV-200-NE-LPG-8	GTV-300-NE-LPG-8	GTV-400-NE-LPG-8	GTV-500-NE-LPG-8
Vaporization	kg/hr	100	200	300	400	500
Capacity	lb/hr	220	441	661	882	1102
Design Pressure	bar	18				
Liquid inlet		25A(1")				
Vapor outlet		50A(2")	50A(2")	80A(3")	80A(3")	80A(3")
Airtight Test Pressure	bar	20				
Dimension (mm)	Width	2805	3570	4325	6380	7500
	Depth	1200	1390	1640	1640	1640
	Height	3730	4730	4730	4730	4730
Weight	kg	-	-	-	-	-

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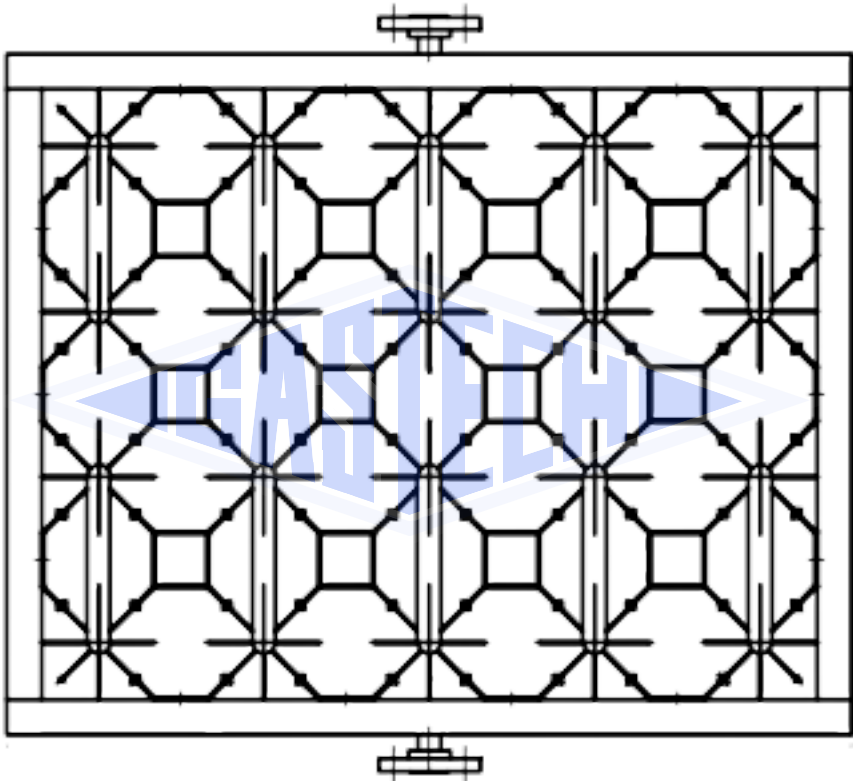
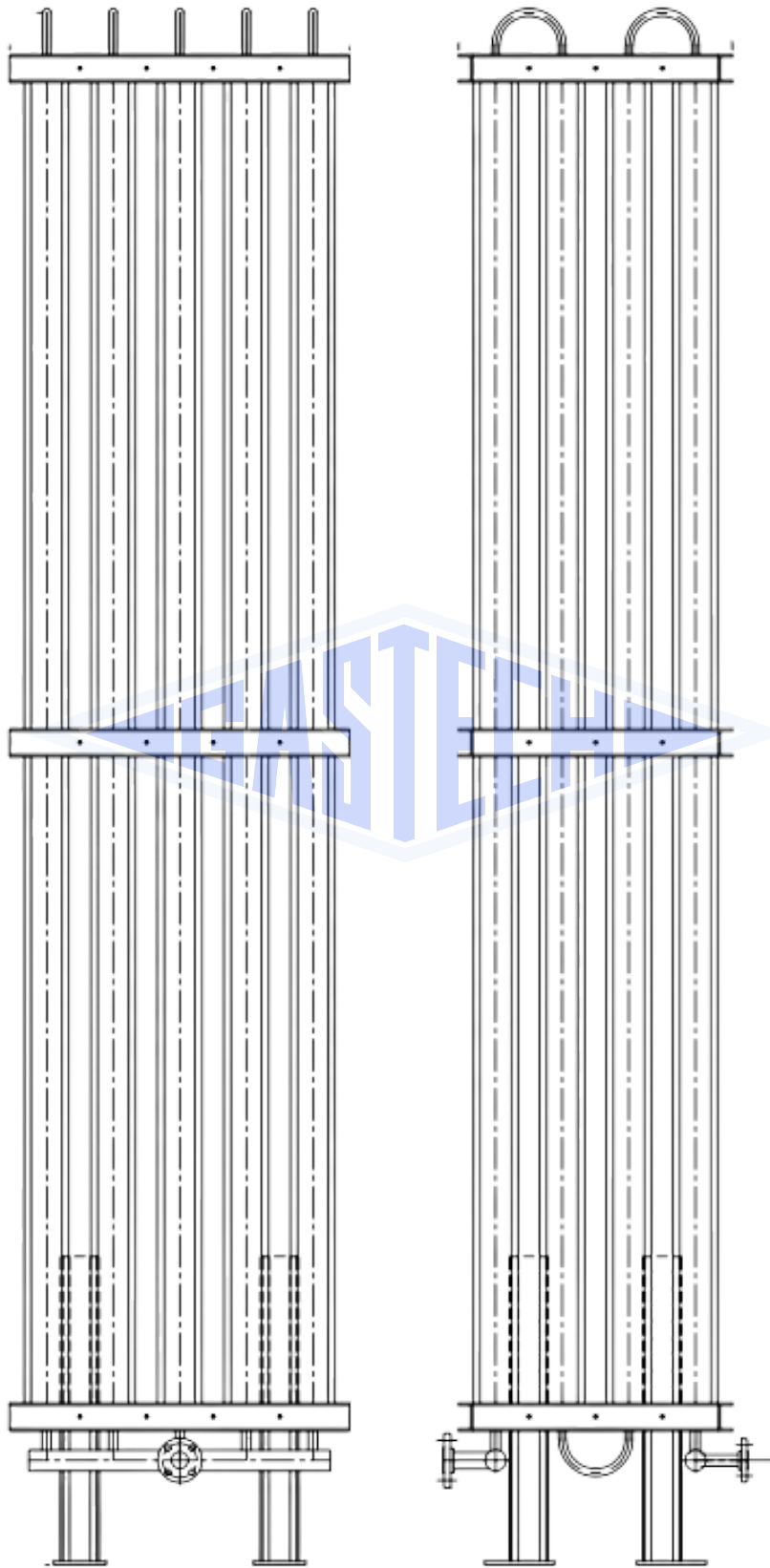


GASTECH ENGINEERING Co.,Ltd.

CRYOGENIC NON-ELECTRIC VAPORIZER

SPECIFICATION

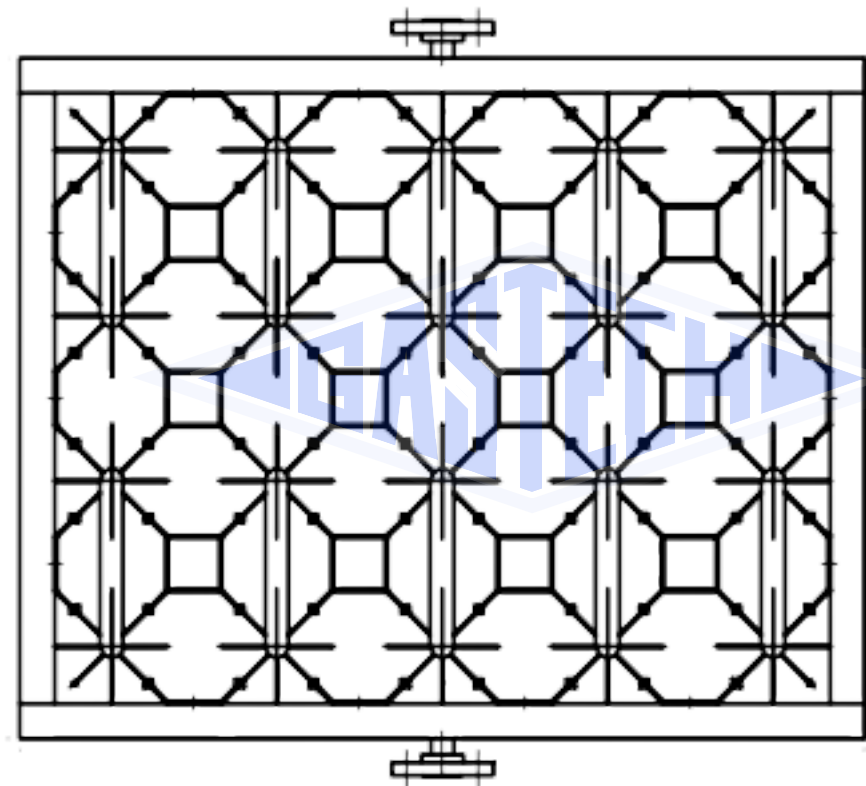
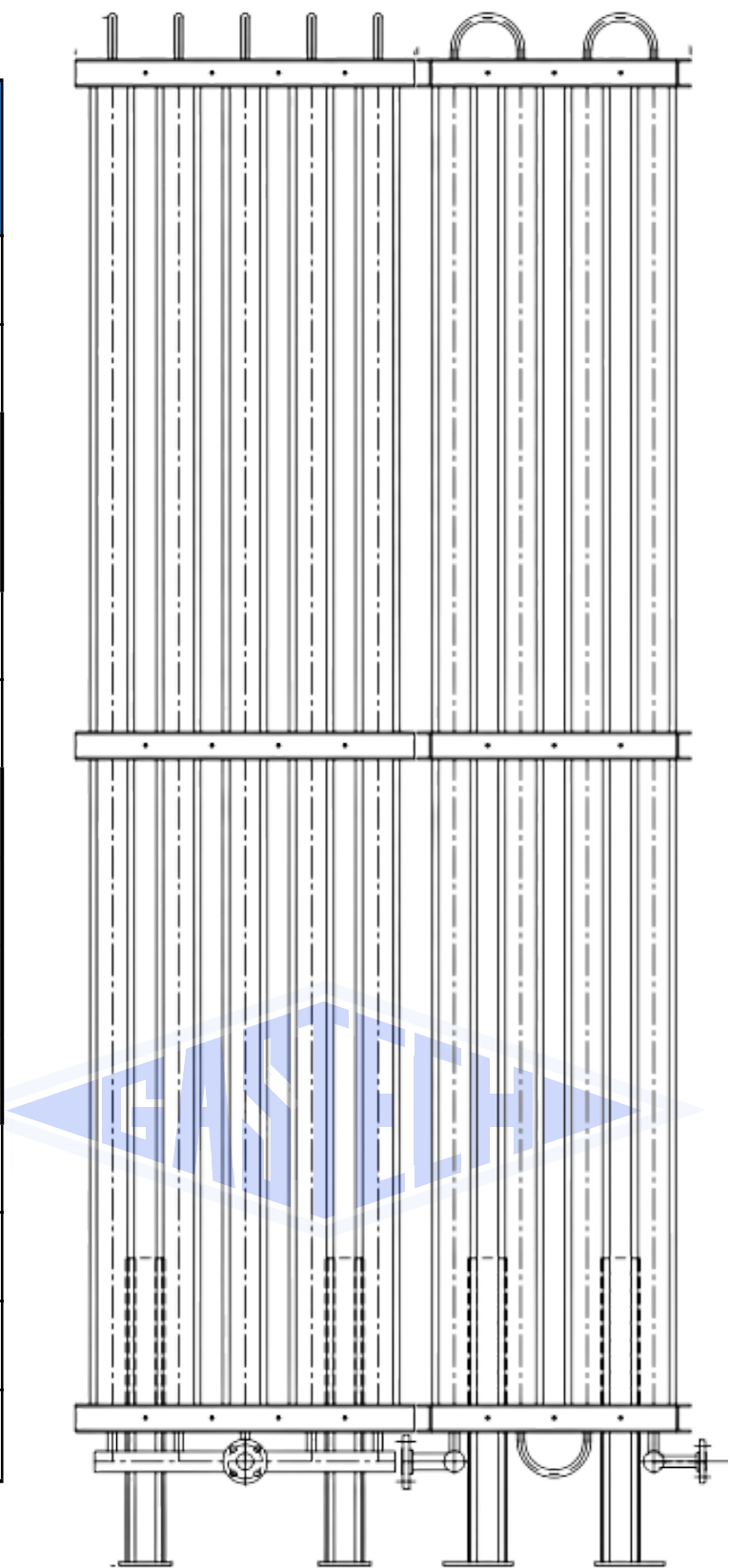
MODEL (XXXX IN PLACE OF MODEL CAPACITY)	GTV-XXXX-NE-CRYO
STANDARD DESIGN	(Refer ASME 8.1)
REQUIRE AMBINET TEMPERATURE	20°C or higher
DESIGN PRESSURE	40 bar
FLUID	LIN, LAR, LOX, LCO2
DESIGN TEMP.	-196°C ~ 50°C
PNEUMATIC TEST	40 bar
CAPACITY	10 ~ 2000 Nm3/h
DESIGNED CONTINUOUS OPERATING TIME	8/24 hours
MATERIAL	Aluminum 6063T5



**All dimensions are for illustrative purposes only.
Please notify us when purchasing*

CRYOGENIC NON-ELECTRIC VAPORIZER

MODEL		GTV-30-NE- CRYO	GTV-50-NE- CRYO	GTV-100-NE- CRYO	GTV-150-NE- CRYO
Vaporization	Nm ³ /hr	30	50	100	150
Capacity	lb/hr	-	-	-	-
Design Pressure	kg/cm ²	40.7			
	MPa	4.0			
Liquid inlet		15A(1/2")	20A(3/4")	25A(1")	25A(1")
Vapor outlet		15A(1/2")	25A(1")	25A(1")	25A(1")
Airtight Test Pressure	kg/cm ²	40.7			
	MPa	4.0			
Relief Valve Setting Pressure	kg/cm ²	40.7			
	MPa	4.0			
Dimension (mm)	Width	705	705	832	862
	Depth	325	325	417	655
	Height	1270	1941	3388	3388
Weight	kg	34	47	91	138



**All dimensions are for illustrative purposes only.
Please notify us when purchasing*

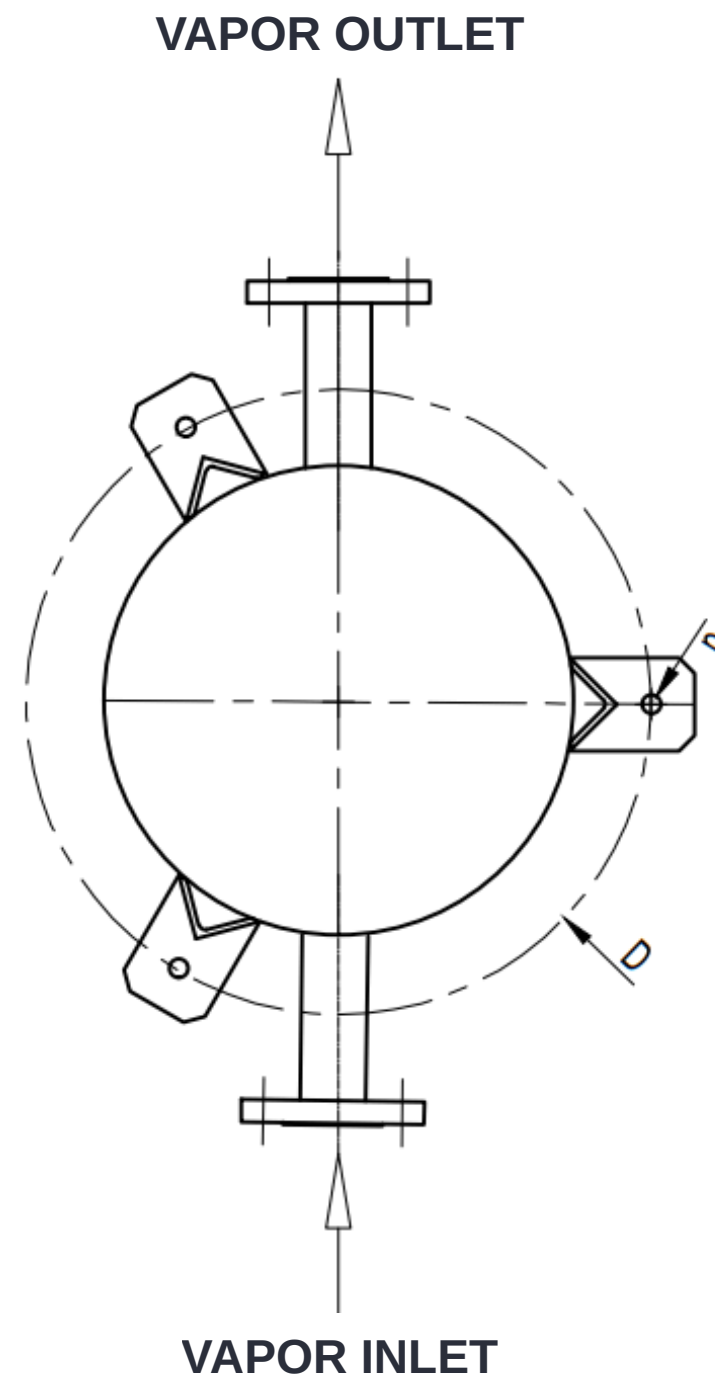
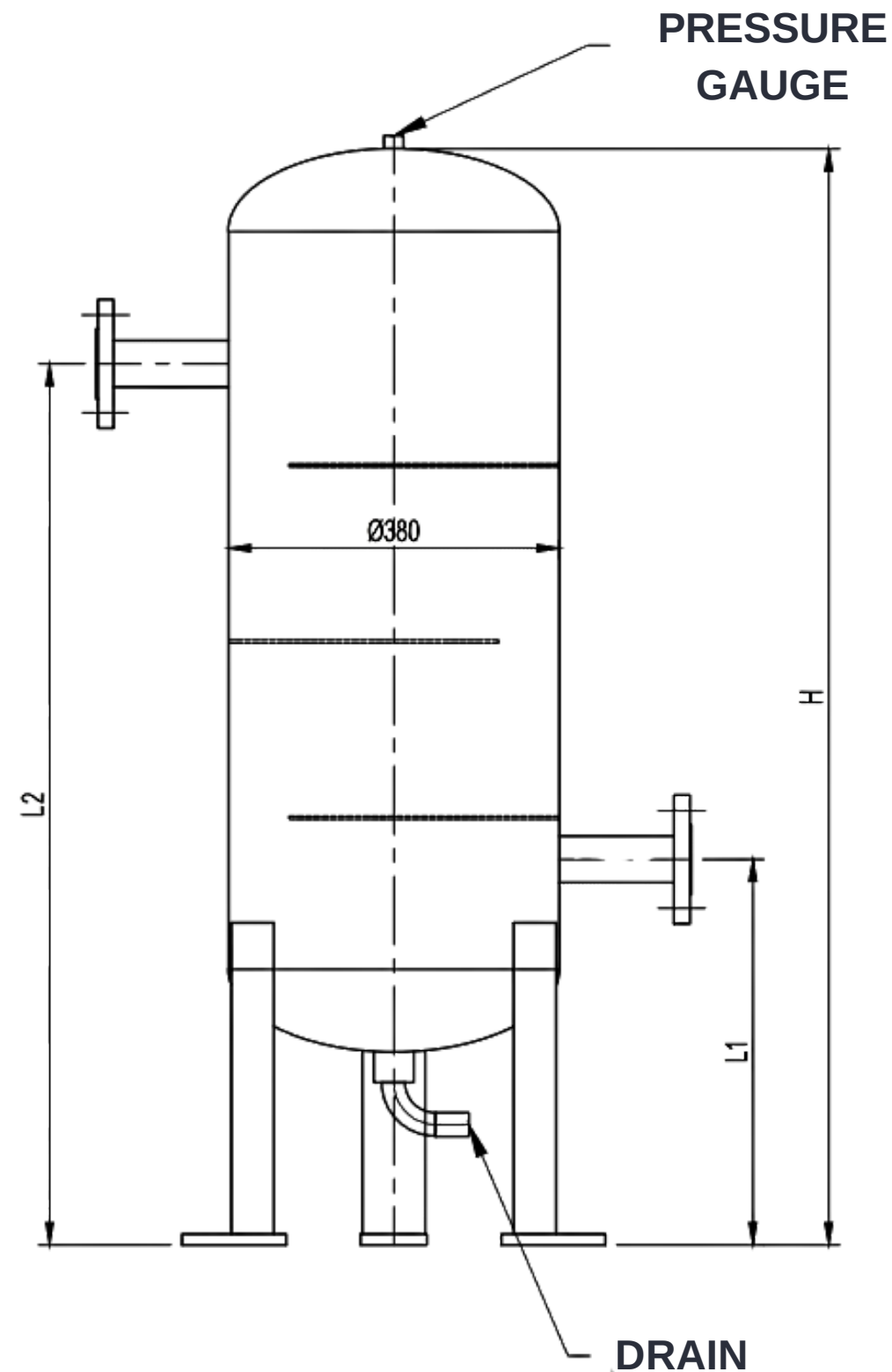


GASTECH ENGINEERING Co.,Ltd.

GAS & CHEMICAL PRODUCTS



LIQUID TRAP



STANDARD OF DESIGN	QCVN 02-2020\BCT (REFER ASME 8.1)
FLUID	LPG
VOLUME	26 Liter → 100 Liter
DESIGN PRESSURE	17.6 bar
OPERATING PRESSURE	< 17.6 bar
DESIGN TEMPERATURE	-10 → 50 C
OPERATING TEMPERATURE	30 C
PNEUMATIC TEST PRESS.	17.6 bar
HYDRAULIC TEST PRESS.	27 bar
JOINT EFFICIENCY SHELL	1
JOINT EFFICIENCY HEAD	1
MATERIAL (SHELL & HEAD)	SPV490Q
CORROSION ALLOWANCE MM	1



GASTECH ENGINEERING Co.,Ltd.

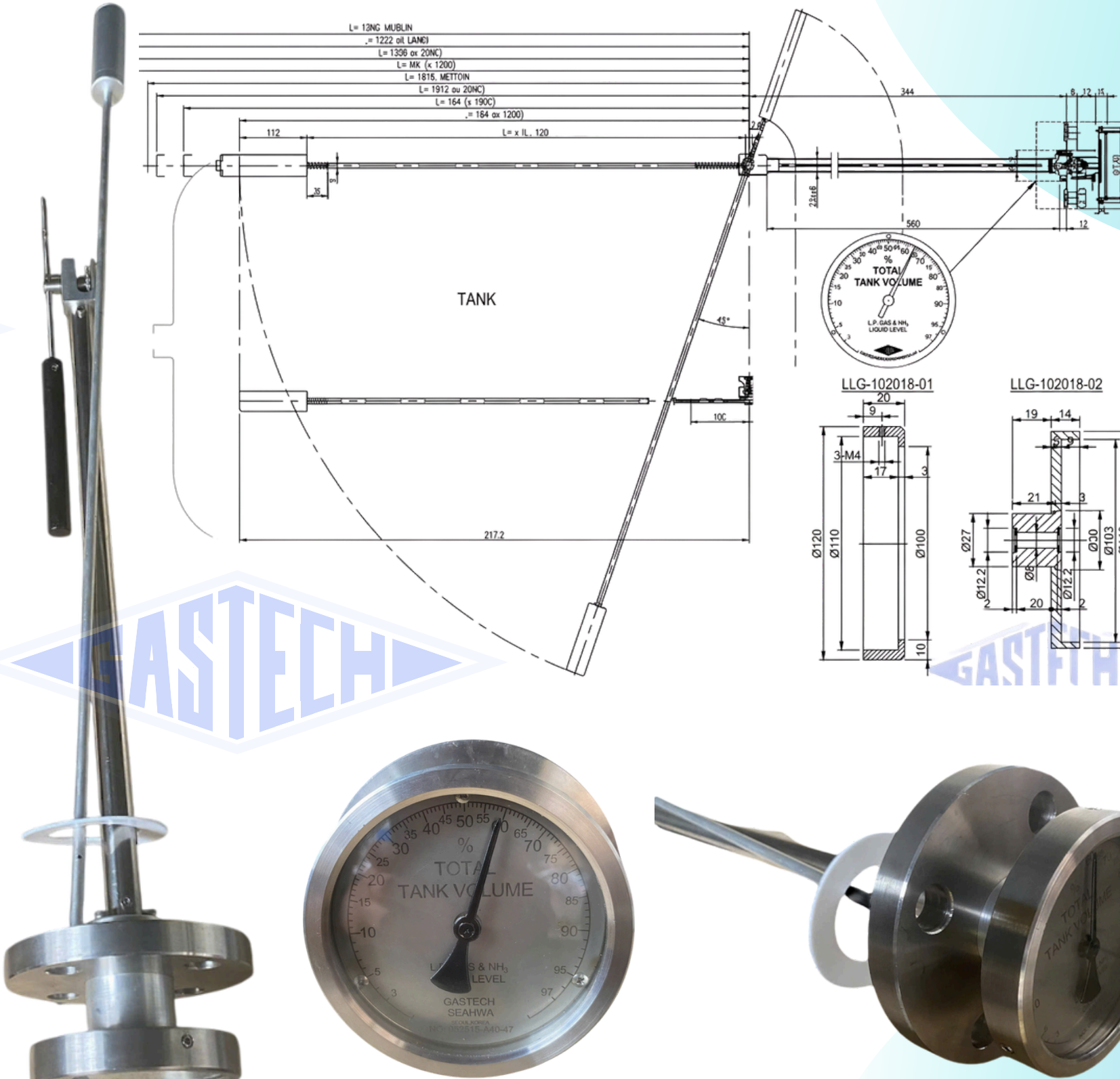
FLOAT LEVEL GAUGE

SPECIFICATIONS:

STANDARD	BS EN 13799:2020
MODEL	GFLG
FLUID	LPG
DESIGN PRESS.	1.8 MPa
BODY TEST PRESS.	2.7 MPa
LEAK TEST PRESS.	1.8 MPa

No.	Tank Inner Diameter (ID) - mm	L	L1
1	1350	610	500
2	1400	650	400
3	1500	700	585
4	1600	750	500
5	1670	800	600
6	1700	868	745
7	1900	964	841
8	2000	1012	880
9	2100	1059	936
10	2200	1107	984
11	2300	1155	1032
12	2400	1202	1079
13	2500	1250	1127

Dimensions according to tank ID



**All dimensions are for illustrative purposes only.
Please notify us when purchasing*



GASTECH ENGINEERING Co.,Ltd.

SPECIFICATIONS:

STANDARD	BS EN 13799:2020
MODEL	GFLG - DT
FLUID	LPG
DESIGN PRESS.	1.8 MPa
BODY TEST PRESS.	2.7 MPa
LEAK TEST PRESS.	1.8 MPa

Dimensions according to tank ID

No.	Tank Inner Diameter (ID) - mm	L	L1
1	1350	610	500
2	1400	650	400
3	1500	700	585
4	1600	750	500
5	1670	800	600
6	1700	868	745
7	1900	964	841
8	2000	1012	880
9	2100	1059	936
10	2200	1107	984
11	2300	1155	1032
12	2400	1202	1079
13	2500	1250	1127

FLOAT LEVEL GAUGE - BMS



*All dimensions are for illustrative purposes only. Please notify us when purchasing

FLOAT LEVEL GAUGE - BMS

LPG Tank Level Measurement System

SPECIFICATIONS:

SENSOR	AS5600 – Angle measurement 0–360°
ACCURACY	~1-3% of measuring range
DISPLAY	OLED SSD1306 (128x64)
POWER SUPPLY	5V DC
COMMUNICATION	RS485 Modbus RTU, 9600bps
MODBUS REGISTER	Hreg(0): % LPG × 10 Hreg(1): Volume (L) Hreg(2): Weight (Kg)
CONFIGURATION	Push button – hold for 2s to enter Setup
PCB SIZE	70 × 60 mm

Note: Float level gauge is not subject to calibration/verification. It is intended only for indicating the approximate quantity of gas and cannot ensure 100% accuracy.



KEY FEATURES:

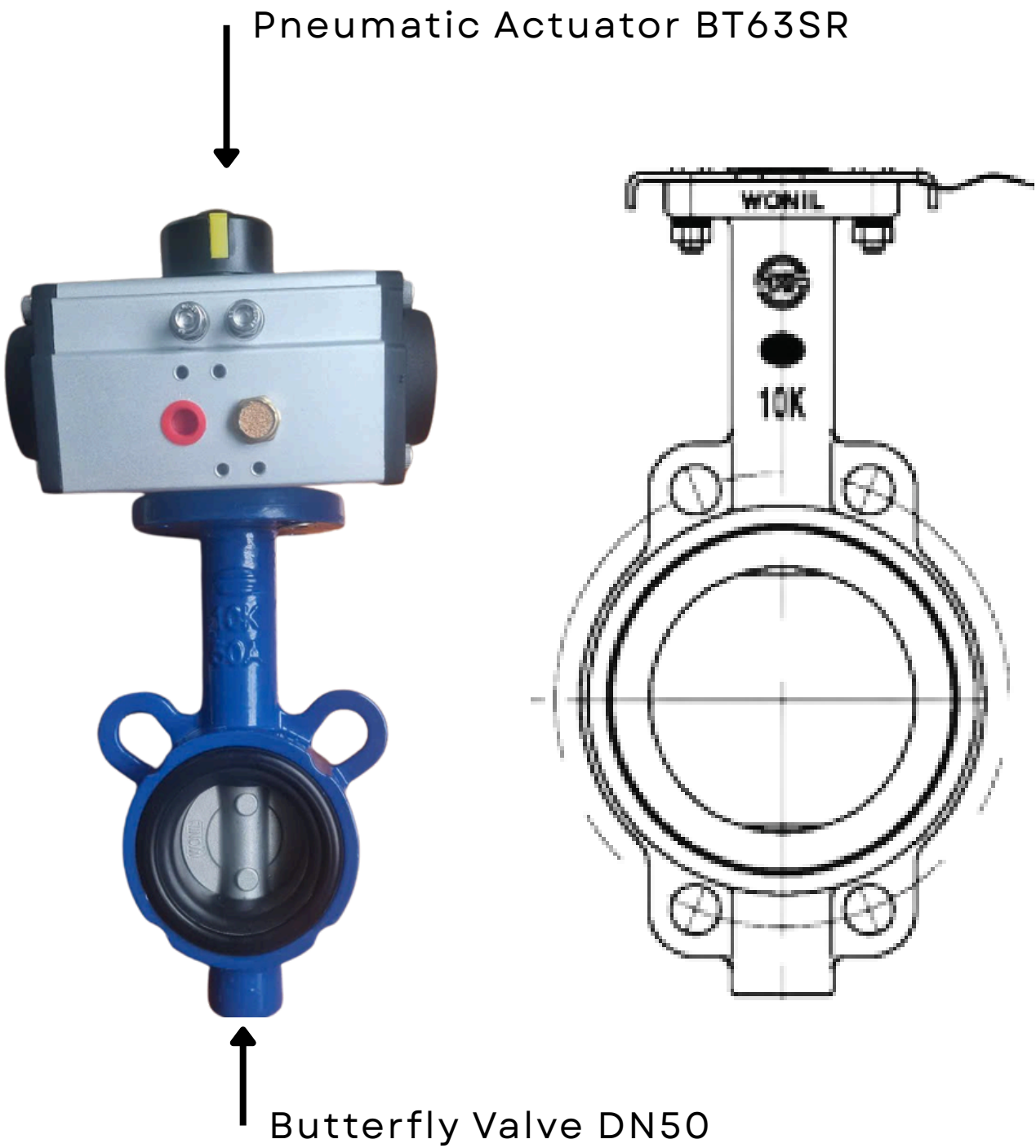
- Accurate LPG level measurement using AS5600 magnetic sensor (12-bit resolution).
- Intuitive display on 128x64 OLED screen: % LPG, Volume (L), Weight (Kg).
- Calibration table (V & M) standardized from 20-ton LPG tank.
- Modbus RTU RS485 communication – easy integration with PLC/SCADA.
- Flexible configuration with push button (Empty / Full).
- EEPROM configuration storage – no loss when power is off.
- Industrial design, anti-interference, easy maintenance.

BUTTERFLY VALVE

SPECIFICATIONS

Valve Body	Cast Iron
Disc	Stainless Steel
Seat (Gasket)	Rubber
Pressure Rating	10 bar
Temperature	Max. 100 °C
Connection	Wafer type, Flange JIS 10K / PN16 / 150LB
Actuator Model	BT63SR
Actuator Material	Aluminum Alloy
Air Supply Pressure	3 – 8 bar
Actuator Type	Single Acting
Application	Butterfly Valve DN50 with Pneumatic Actuator BT63SR

Model	WBL-16 (AD....)									
SIZE	40A	50A	65A	80A	100A	125A	150A	DN200	DN250	DN300
L	36	43	46	46	52	56	56	60	68	78
L/OH	153	158	172	177	188	217	224	273	432	500



TRANSFER BALL VALVE

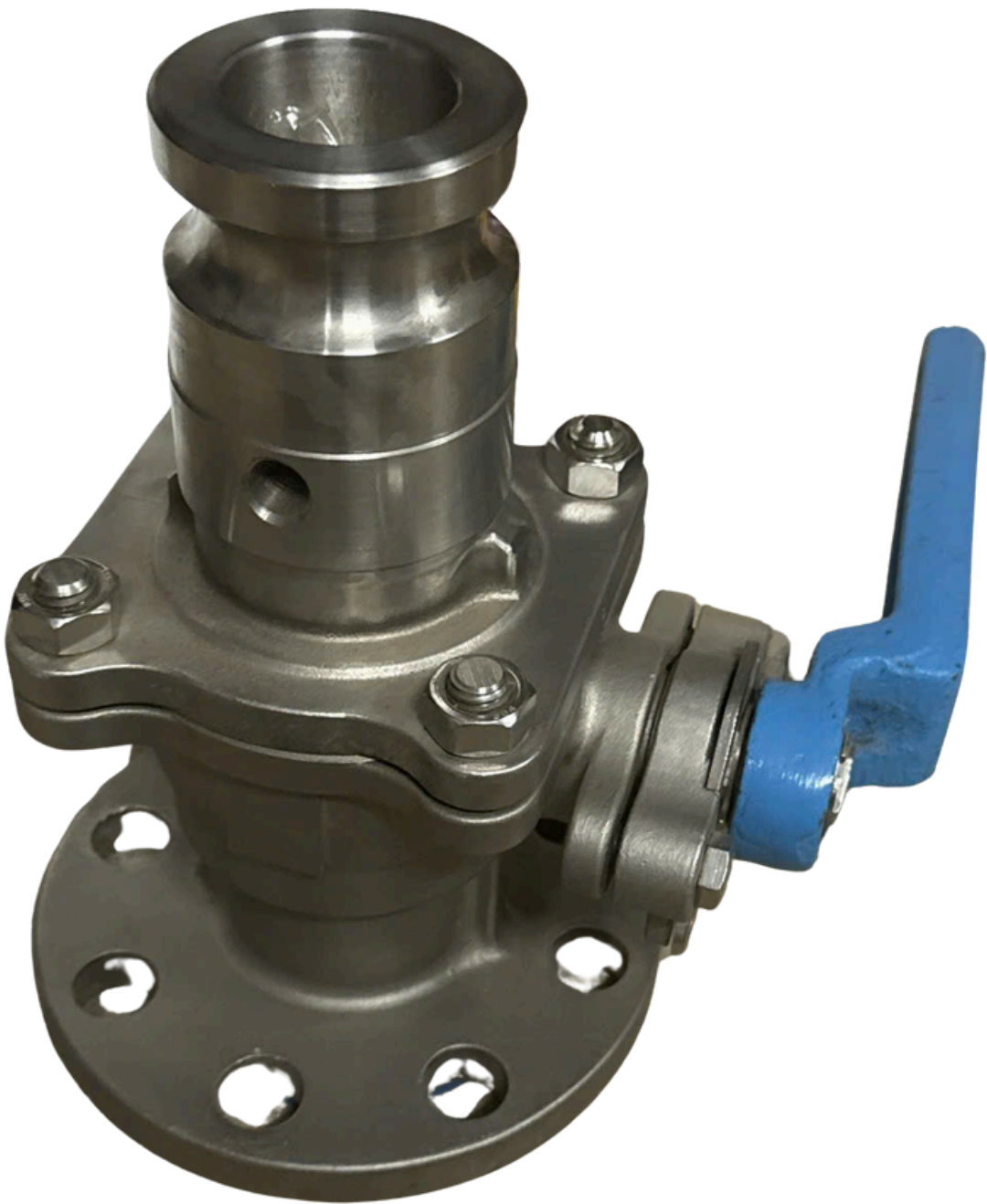
SPECIFICATIONS

- Model: GTBV-25A & GTBV-50A
- Application: to be installed on tank lorry
- Hydrostatic test pressure: 2.94 MPa
- Pneumatic test pressure: 1.96Mpa
- Fluid: LPG, NH3
- Origin: Gastech - Viet Nam

Valve Body	Inox SUS 304
Temperature	Max. 100 °C
Connection	Wafer type, Flange JIS 20K
Application	Ball Valve with Coupling

DIMENSION:

SIZE	H	L	L1	d1	d2	g	C	D1	D2	t	f
25A	96	180	130	25	22	68	90	125	38	15	1
50A	120	230	135	50	40	96	120	155	65	17	2



FLANGED SS304 BALL VALVE WITH EXPLOSION-PROOF ACTUATOR (DC24V)

PERFORMANCE PARAMETER:

Specification	GRZK-Ex-05 (DC24V)
Output Torque	50 Nm
Motion Time (90° rotation)	10s
Rated Rotary Angle	0-90°
Rated Power	15 W
Rated Current	2 A
Machine Weight (kg)	37
Insulation Resistance	100MΩ (DC500V)
Voltage Resistance Rating	500VAC (1 minute)
Protection Grade	IP67
Explosion-proof Grade	Exd II BT6 Gb
Origin	Made in China

NOTES:

- The actuator is suitable for ball valves, butterfly valves, plug valves, and similar 90° rotary valves.
- Operating temperature: -20°C to +70°C (customization available for -40°C to +80°C).
- Manual operation available in case of power failure.
- Explosion-proof design: Exd II BT6 Gb.
- Optional control functions: proportional control, remote control, limit switches, feedback signal, etc.



FLANGED SS304 BALL VALVE WITH EXPLOSION-PROOF ACTUATOR (DC24V)

STANDARD:

- Design: ASME B16.34, API 608
- Wall Thickness: ASME B16.34, EN12516-3
- Flange End: ASME B16.5 CLASS 150
- Inspection & Testing: API 598, EN12266
- Origin: Made in China

KEY FEATURES:

- Blow-out Proof Stem
- Anti-Static Device for Ball-Stem-Body
- Investment Casting Body
- Pressure Balance Hole in Ball Slot
- ISO 5211 Direct Mounting Pad for Easy Automation
- Locking Device Available

MAIN EXTERNAL AND CONNECTION DIMENSION:

Size (Inch)	DN	D	C	G	T	E	F	L	H	W	M-N
1/2"	15	89	605	35	112	16	152	70	120	4-16	F03/04
3/4"	20	98	70	43	112	16	167	82	135	4-16	F03/05
1"	25	108	795	51	120	16	178	93	160	4-16	F04/05
1-1/4"	32	117	89	63	120	16	191	104	180	4-16	F05/07
1-1/2"	40	127	985	73	120	16	229	111	200	4-16	F05/07
2"	50	152	1.205	92	150	16	241	132	220	4-19	F07
2-1/2"	65	178	1.395	104	150	16	292	144	250	4-19	F07/10
3"	80	190	1.525	127	150	16	318	157	280	4-19	F07/10
4"	100	229	1.905	157	239	20	229	185	300	8-19	F10/F12



FLANGED SS304 3WAY VALVE WITH EXPLOSION-PROOF ACTUATOR (DC24V)

STANDARD:

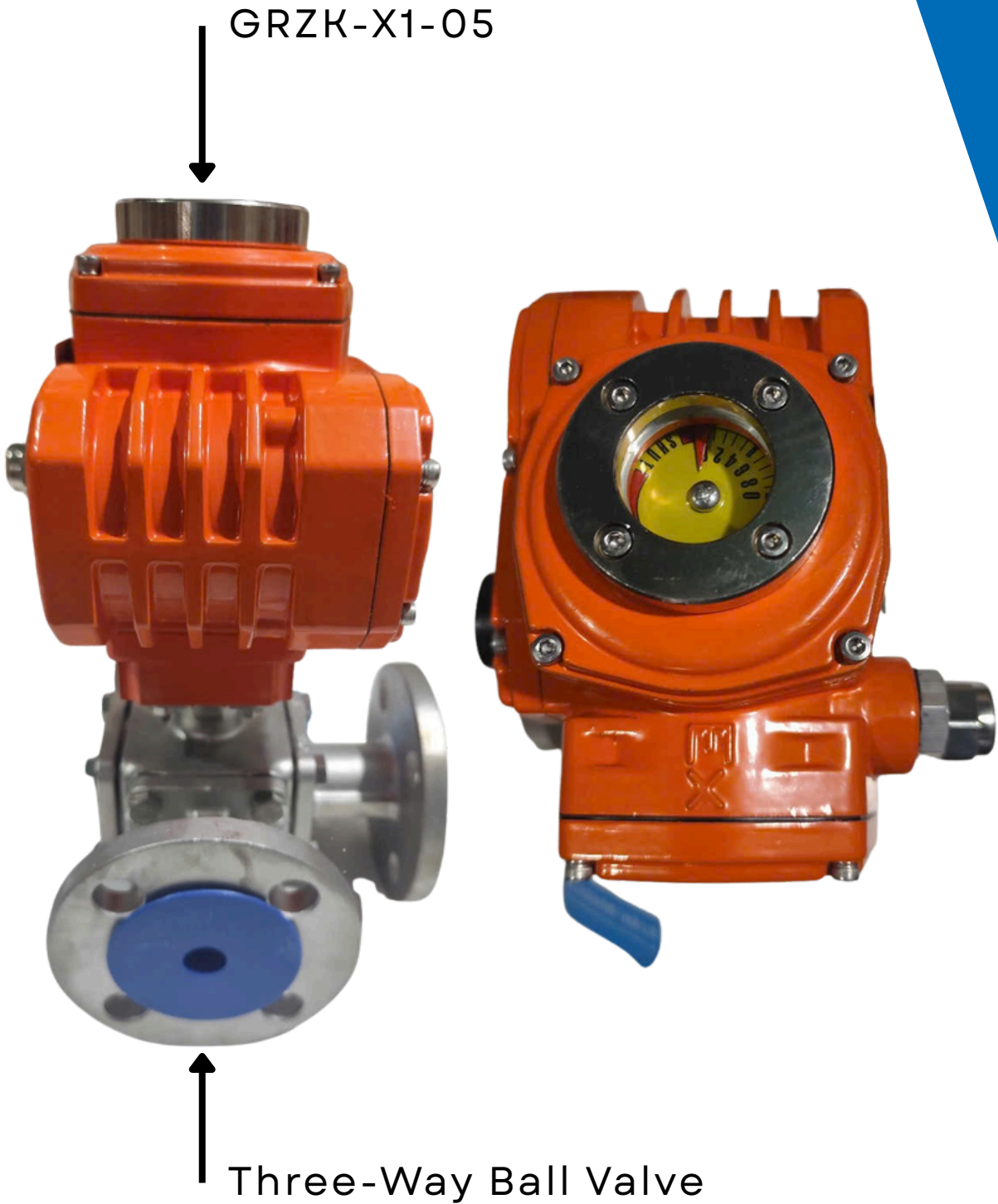
- Design: ASME B16.34, API 608
- Wall Thickness: ASME B16.34, EN12516-3
- Flange End: ASME B16.5 CLASS 150
- Inspection & Testing: API 598, EN12266
- Origin: Made in China

KEY FEATURES:

- Blow-out Proof Stem
- Anti-Static Device for Ball-Stem-Body
- Investment Casting Body
- Pressure Balance Hole in Ball Slot
- ISO 5211 Direct Mounting Pad for Easy Automation
- Locking Device Available

MAIN EXTERNAL AND CONNECTION DIMENSION:

Size (Inch)	DN	D	C	G	T	E	F	L	H	W	M-N
1/2"	15	89	605	35	112	16	152	70	120	4-16	F03/04
3/4"	20	98	70	43	112	16	167	82	135	4-16	F03/05
1"	25	108	795	51	120	16	178	93	160	4-16	F04/05
1-1/4"	32	117	89	63	120	16	191	104	180	4-16	F05/07
1-1/2"	40	127	985	73	120	16	229	111	200	4-16	F05/07
2"	50	152	1.205	92	150	16	241	132	220	4-19	F07
2-1/2"	65	178	1.395	104	150	16	292	144	250	4-19	F07/10
3"	80	190	1.525	127	150	16	318	157	280	4-19	F07/10
4"	100	229	1.905	157	239	20	229	185	300	8-19	F10/F12



FLANGED SS304 3WAY VALVE WITH EXPLOSION-PROOF ACTUATOR (DC24V)

PERFORMANCE PARAMETER:

Specification	GRZK-Ex-05 (DC24V)
Output Torque	50 Nm
Motion Time (90° rotation)	10s
Rated Rotary Angle	0-90°
Rated Power	15 W
Rated Current	2 A
Machine Weight (kg)	37
Insulation Resistance	100MΩ (DC500V)
Voltage Resistance Rating	500VAC (1 minute)
Protection Grade	IP67
Explosion-proof Grade	Exd II BT6 Gb
Origin	Made in China

NOTES:

- The actuator is suitable for ball valves, butterfly valves, plug valves, and similar 90° rotary valves.
- Operating temperature: -20°C to +70°C (customization available for -40°C to +80°C).
- Manual operation available in case of power failure.
- Explosion-proof design: Exd II BT6 Gb.
- Optional control functions: proportional control, remote control, limit switches, feedback signal, etc.





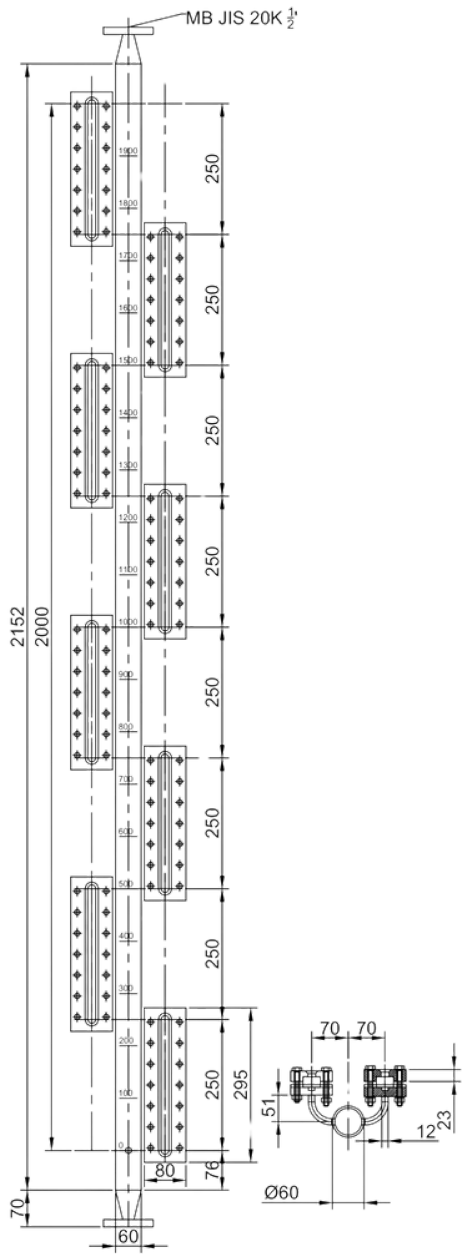
GASTECH ENGINEERING Co.,Ltd.

KLINGER LEVEL GAUGE

SPECIFICATIONS:

MODEL	GTV-KLG
STANDARD	BS EN 13799:2020
CONNECTION TYPE	Flange 15A
FLUID	LPG, NH3
FRESSURE TEST	18 bar
HYDROSTATIC TEST	27 bar
INDICATING RANGE	As Tank Dimension
MATERIAL	Body: Seamless pipe SCH40 Sight glass: 300mm

- * The Klinger level gauge is indicated the liquid level of the storage tank as the liquid level move up and down in the Klinger.
- * This Klinger level gauge safe and easy to replace



NITROGEN REGULATOR

PRODUCT OVERVIEW

The Joeun Weld JO55N is a high-quality nitrogen pressure regulator manufactured in South Korea. Built with a chrome-plated brass body, it provides precise pressure control, excellent corrosion resistance, and reliable performance for welding, HVAC, laboratory, and industrial gas applications.

Parameter	Specification
Body Material	Chrome-Plated Brass
Gauge Type	Dual Gauge (Cylinder Pressure & Outlet Flow)
Maximum Inlet Pressure	250 Bar (25 MPa)
Maximum Outlet Pressure	10 Bar (1 MPa)
Flow Rate	0 – 25 L/min
Inlet Connection	CGA 580 Female Thread (Ø23 mm)
Outlet Connection	M22 × 1.5 Female Thread with 8 mm Hose Barb
Recommended Cylinder Pressure	150 Bar
Net Weight	Approx. 1.0 kg



NITROGEN REGULATOR

Item	Specification
Product Name:	Nitrogen Gas Pressure Regulator
Model :	JO55N
Brand:	Joeun Weld
Country of Origin:	South Korea

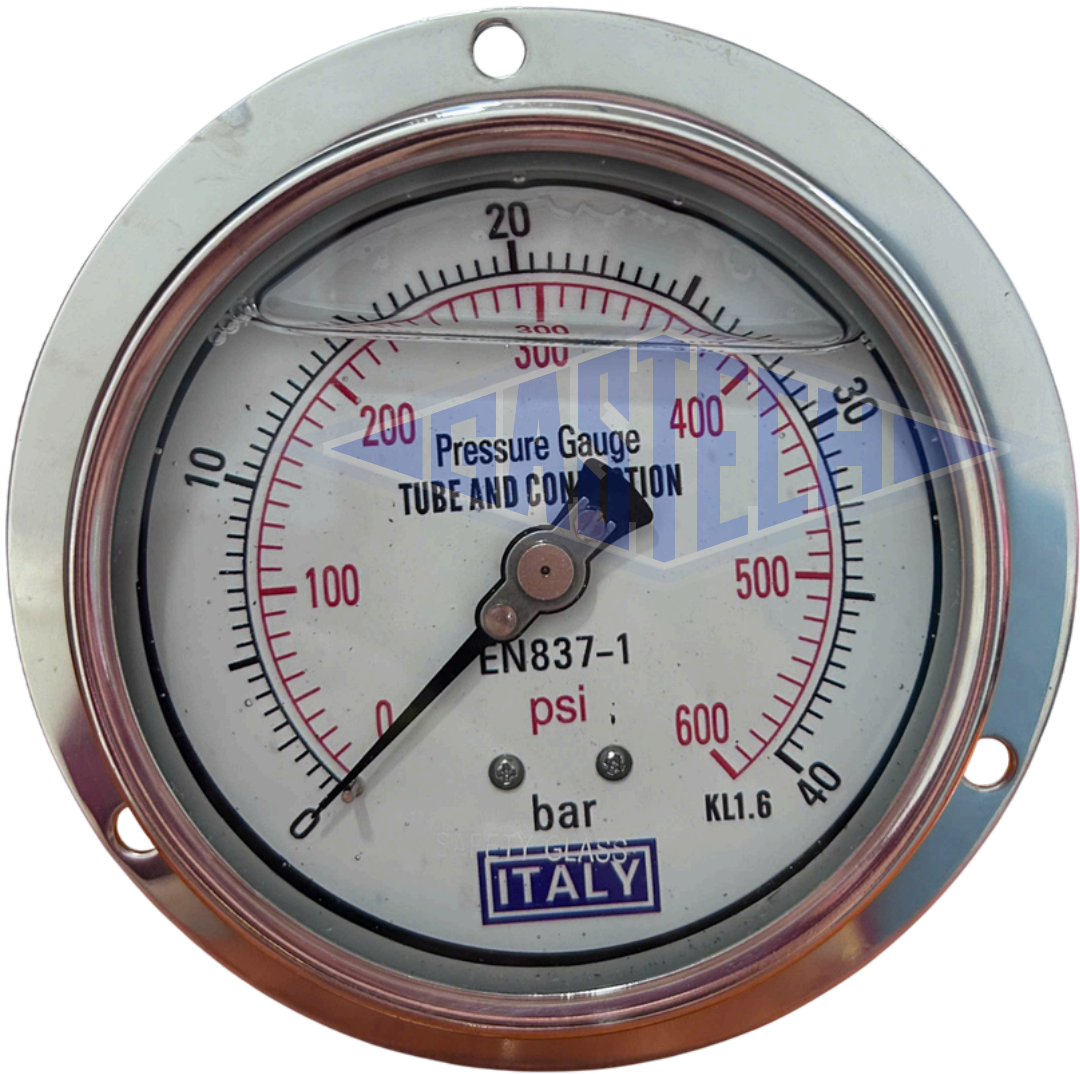
Industry	Application
HVAC & Refrigeration	Pressure testing, leak detection, and system commissioning
Welding & Fabrication	Nitrogen supply for TIG/MIG welding and shielding gas applications
Industrial Manufacturing	Pipeline purging, inert gas blanketing, and equipment maintenance
Laboratory	Gas pressure regulation for laboratory instruments and testing equipment



ITALY PRESSURE GAUGE

SPECIFICATIONS:

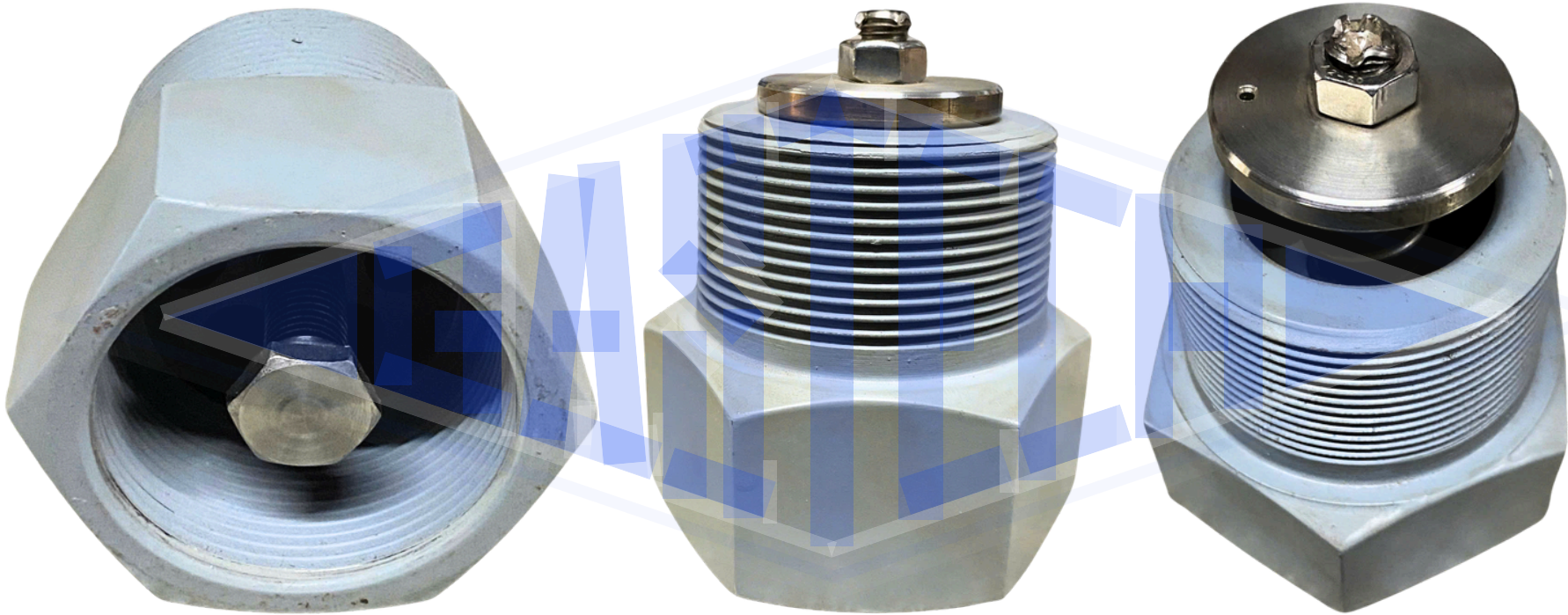
Item	Specification
Brand	ITALY – Korea
Product Type	Pressure Gauge
Dial Diameter	Ø63 mm
Measuring Range	0–500 kPa / 500 mbar
Connection Type	Bottom Entry
Connection Size	1/4" NPT
Connection Position	Bottom
Accuracy Class	16%
Applicable Medium	Gas / LPG
Application	LPG systems, gas pipelines, and low-pressure industrial gas systems
Key Features	Ø63 mm dial for easy reading; suitable for low-pressure gas measurement applications



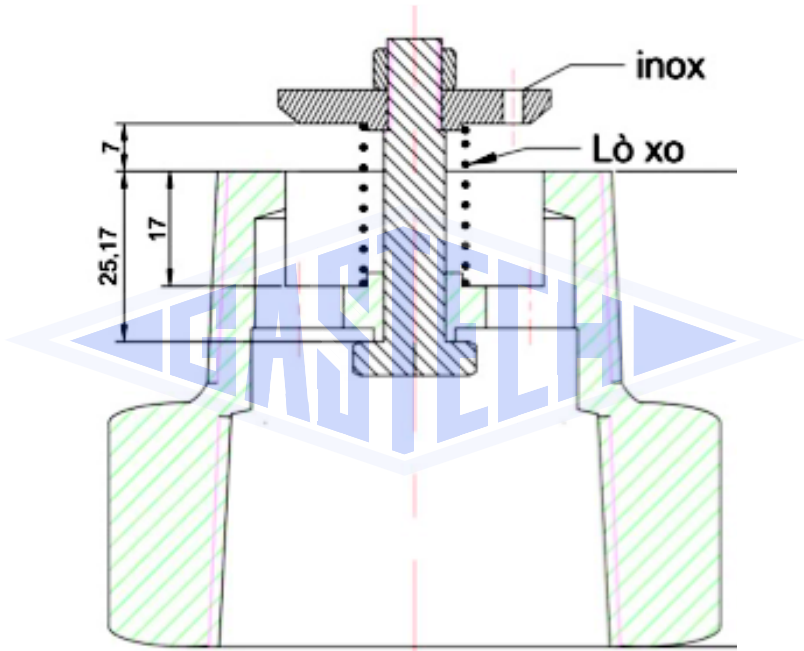
EXCESS FLOW VALVE

SPECIFICATIONS:

Input connection	25A-50A-80A
Output connection	25A-50A-80A
Manufacturing materials	SUS 304
Design	Threaded/ Flange connection pin type



No.	1	2	3
Type	HDR-25A	HDR-50A	HDR-80A
Solvent	-LPG -Amoniac	-LPG -Amoniac	-LPG -Amoniac

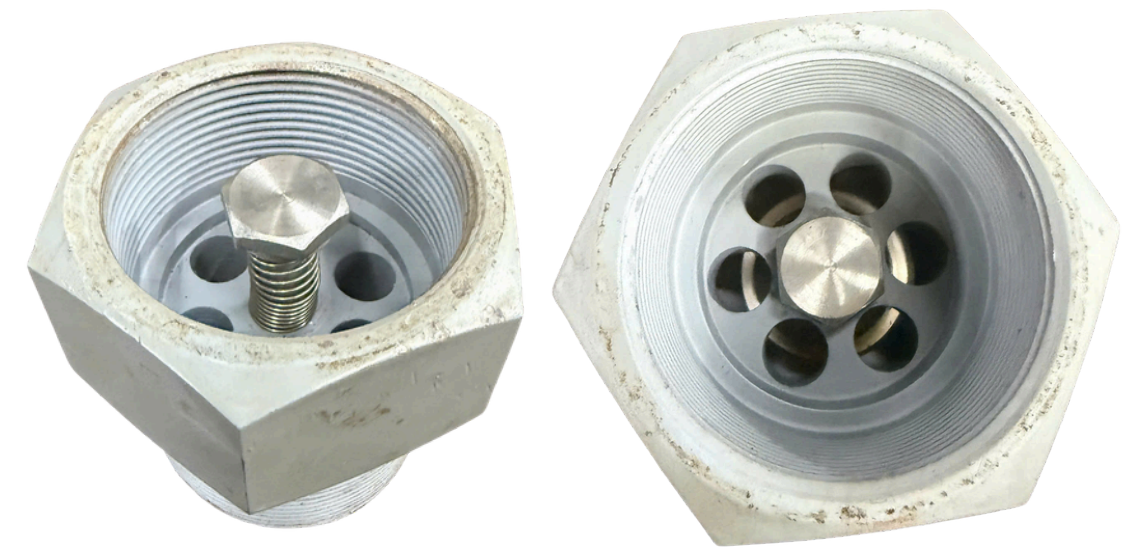


CHECK VALVE

SPECIFICATIONS:

Input connection	25A-50A-80A
Output connection	25A-50A-80A
Manufacturing materials	SUS 304
Design	Threaded/ Flange connection pin type

No.	1	2	3
Type	MCR-25A	MCR-50A	MCR-80A
Solvent	-LPG -Amoniac	-LPG -Amoniac	-LPG -Amoniac



QUICK COUPLING

SPECIFICATIONS:

Input connection	1" NPT, 2"NPT
Pressure	18 bar
Manufacturing materials	Brass
Design	Threaded connection pin type

No.	1	2	3
Type	QCL-25A	QCL-50A	QCL-80A
Solvent	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen



FLANGE EXCESS FLOW VALVE

SPECIFICATIONS:

INPUT CONNECTION	25A-50A-80A
OUTPUT CONNECTION	25A-50A-80A
MANUFACTURING MATERIALS	SUS 304
DESIGN	Threaded/ Flange connection pin type
STANDARD	ASME B16.34

No.	1	2	3
Type	HDB-25A	HDB-50A	HDB-80A
Solvent	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen



BACK CHECK VALVE

SPECIFICATIONS:

INPUT CONNECTION	25A-50A-80A
OUTPUT CONNECTION	25A-50A-80A
MANUFACTURING MATERIALS	SUS 304
DESIGN	Threaded/ Flange connection pin type
STANDARD	ASME B16.34

No.	1	2	3
Type	MCB-25A	MCB-50A	MCB-80A
Solvent	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen



FLEXIBLE HOSES

SPECIFICATIONS

OUTPUT CONNECTION	1/4"
BODY MATERIALS	SUS 304
MAXIMUM WORKING PRESSURE	20 bar
DESIGN	Threaded



ANTI-CORROSION LIQUID



✓ Advantages:

- High corrosion resistance.
- Water heating time is 25% faster.
- Power consumption is 20% more efficient.

✓ Basic Components:

- Anti-corrosion and scale prevention agent.
- Fast heat-conducting agent.
- Purified water.

✓ Usage Instructions:

- Initial filling: Fill the machine with water according to its capacity (as specified on the vaporizer).
- Water replacement: After 15,000 hours (5 years).
- Water refilling: After 3,000 hours (1 year) or when the low-water indicator light on the vaporizer is on.

WARRANTY INFORMATION

- **Warranty Period:**
 - Hardware and Heater core: 3 years from date of delivery
 - Electronics Components: 12 months from date of delivery
- **Online technical support as soon as a problem / problem occurs.**
 - We can arrive on site within 48hrs of confirmed emergency repair request.



PAST PROJECTS



ELECTRIC LPG VAPORIZER



**NON ELECTRIC LPG
VAPORIZER 100KG/HR**



**7.5M3 TON TANK - LPG
VAPORIZER 200KG/HR**



**AMBIENT AIR LPG
VAPORIZER 200KG/HR**



**30 TON TANK - LPG
VAPORIZER 500KG/HR**



**NON ELECTRIC LPG
VAPORIZER 2000KG/HR**



**ELECTRIC LPG VAPORIZER
AND 10 TON TANK**



25 TON TANK LPG





GASTECH ENGINEERING Co.,Ltd.

THANK YOU!

CONTACT US:



Phone

(+84)90 391 8653 (Mr. Phuc)



Mail

Sales.gastech@gastech.com.vn



Website

www.gastech.com.vn



Address

310 Au Duong Lan, Chanh Hung Ward , HCMC



Factory address

119 Tran Van On, Dong Hoa, Di An, Binh Duong

