



PRODUCT CATALOGUE

INTRODUCTION

MS ENG Vietnam Co., Ltd. was established on January 31, 2020, as a strategic collaboration between MS ENG Korea – a well-established engineering brand from South Korea – and Gastech, a leading company in the industrial gas sector in Vietnam.

Built on strong foundations from our Korean partner and deep understanding of the local market, MS ENG Vietnam specializes in providing comprehensive technical solutions for industrial gas systems, including: design and construction of LPG systems, installation of storage tanks, s, gas safety devices, and professional maintenance services.

We are committed to delivering:

- Optimal Solutions – Absolute Safety – Sustainable Efficiency
- Products meeting international quality standards
- A team of highly skilled engineers with hands-on experience

On our journey of growth, MS ENG Vietnam continuously enhances its technical capabilities, expands international cooperation, and aims to become a leading industrial gas technical partner in Vietnam and the region.





VISION

As a strategic partner providing advanced products and technology from Korea to the Vietnamese market.

MISSION

- To provide comprehensive, safe, and optimized engineering solutions for industrial gas systems.
- To accompany clients from design, installation to maintenance with professional service and a strong sense of responsibility.
- To continuously innovate and expand international cooperation to enhance quality and meet the growing demands of the market.

VALUES

- Safety – Our top priority in every solution and operation.
- Quality – Commitment to internationally standardized products and services.
- Dedication – Working with integrity and treating customers as long-term strategic partners.
- Innovation – Constantly improving and embracing new technologies to deliver exceptional value.
- Collaboration – Building sustainable relationships with customers, partners, and communities.

MS ENG VIETNAM **OUR STORY**

The representative of MS
ENG Korea in Vietnam,
was established on
January 31, 2020

2020

The quality of MS Eng
valves has been
proven, and we are
focused on expanding
the market and
establishing the MS
Eng Vietnam brand
with our partners

2021

Research and improve
product quality to the
highest level.

2022

Building trust with
customers, MS Eng
Vietnam now has a
stable number of
close partners.
We are still
constantly
developing.

2024

Expanding regional
presence and
enhancing product
value

2025

CONTENTS

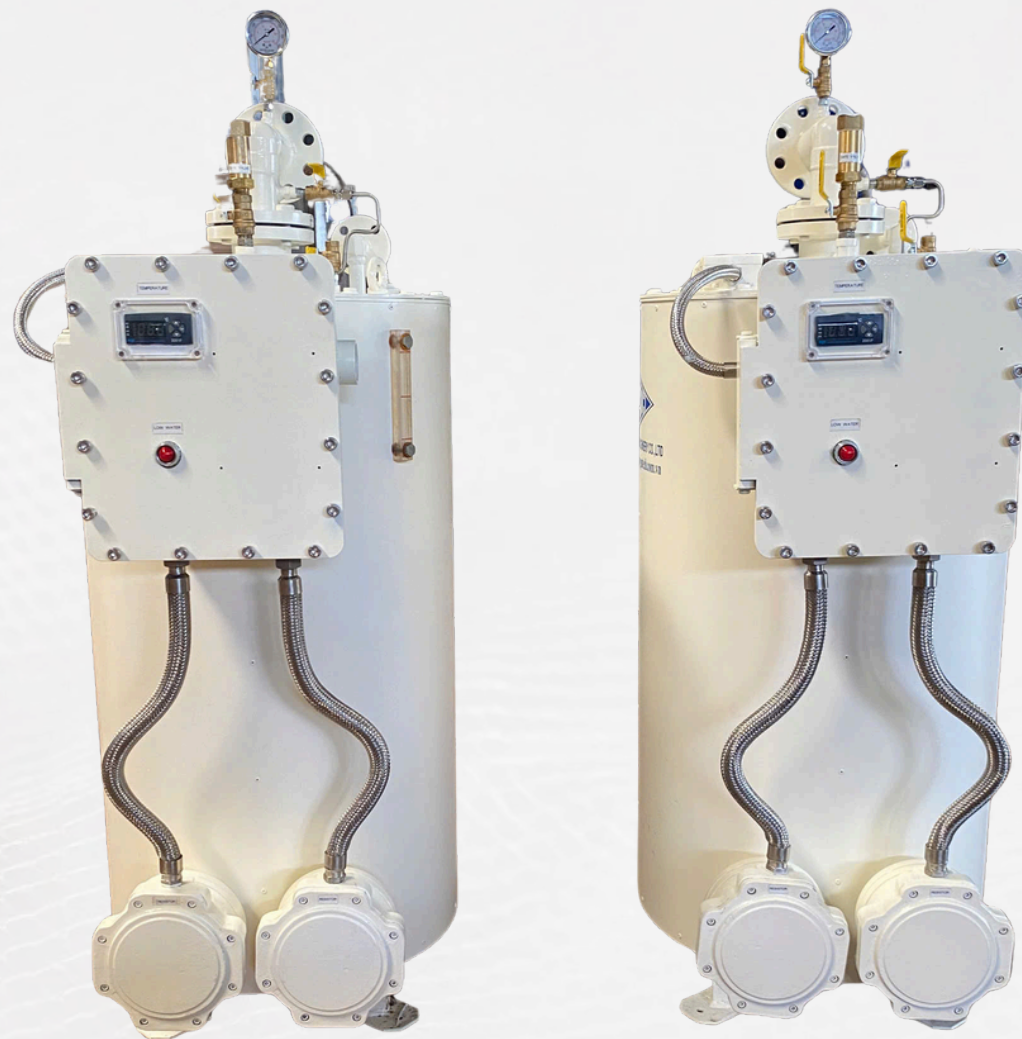
01

MS Electric Vapors

02

Valve MS

NH3 ELECTRIC VAPORIZER

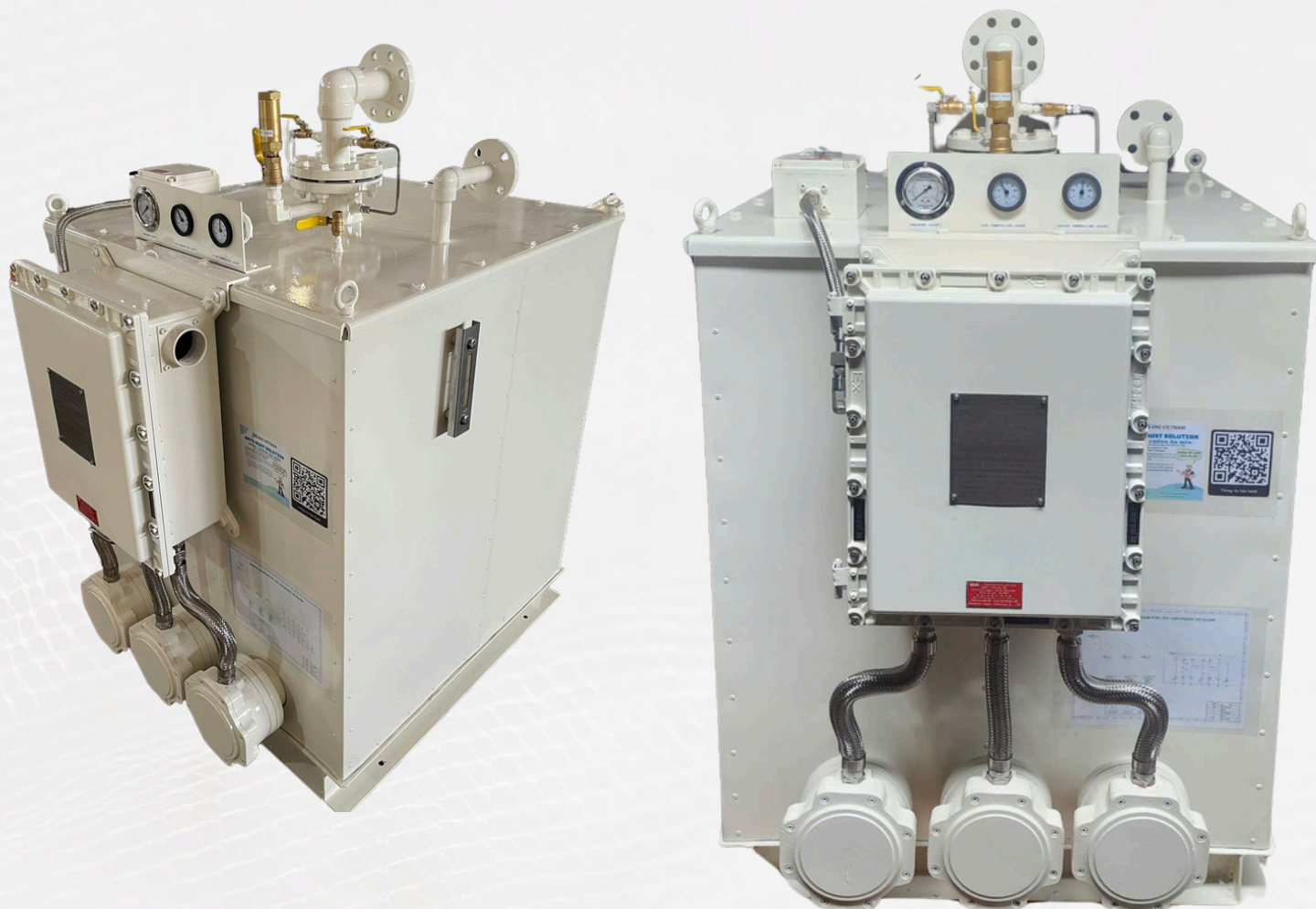


- Liquefied gas will not overflow (with special float)
- Preventive equipment for overheating of hot water
- Convenient electric wiring
- Manual return equipment for liquid float

- Safety equipment for low water level
- Introduced safety valve.
- Preventive equipment for water vaporization.
- Thermal insulation (Pollution-free).

MODEL		MSV-30-FN	MSV-50-FN	MSV-60-FN	MSV-70-FN
Vaporization Capacity	<i>kg/hr</i> <i>lb/hr</i>	30 110	50 110	60 132	70 220
Water Bath Capacity	<i>liters</i>	115	150	150	196
Design Pressure	<i>kg/cm²</i>	18			
	<i>MPa</i>	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	<i>kg/cm²</i>	27			
	<i>MPa</i>	2.66			
Relief Valve	<i>kg/cm²</i>	17.5			
Setting Pressure	<i>MPa</i>	1.72			
Flame- Proof	<i>kW</i>	14	21	28	28
Electric Heater		(14kWx1)	(21kWx1)	(14kWx2)	(14kWx2)
Electric Requirement	<i>Heater</i> <i>Control Circuit</i>	220V/380V/415V/440V/460V, 3-Phase 220V, 1-Phase			
Dimension (mm)	<i>Width</i>	580	580	580	580
	<i>Depth</i>	710	710	710	710
	<i>Height</i>	780	780	780	780
Weight	<i>kg</i>	145	160	160	190

NH3 ELECTRIC VAPORIZER



- Liquefied NH3 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).

MODEL		MSV-150-FN	MSV-200-FN	MSV-300-FN
Vaporization	<i>kg/hr</i>	150	200	300
Capacity	<i>lb/hr</i>	330	440	660
Water Bath Capacity	<i>liters</i>	300	500	1200
Design Pressure	<i>kg/cm²</i>	22		
	<i>MPa</i>	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	<i>kg/cm²</i>	33		
	<i>MPa</i>	3.25		
Relief Valve	<i>kg/cm²</i>	17.5		
Setting Pressure	<i>MPa</i>	1.72		
Flame- Proof	<i>kW</i>	63	84	140
Electric Heater		(21kWx3)	(28kWx3)	(35kWx4)
Electric Requirement	<i>Heater Control Circuit</i>	220V/380V/415V/440V/460V, 3-Phase 220V, 1-Phase		
Dimension (mm)	<i>Width</i>	580	580	1200
	<i>Depth</i>	710	710	1850
	<i>Height</i>	980	1180	1835
Weight	<i>kg</i>	300	500	500



MODEL		MSV-FL-30	MSV-FL-50	MSV-FL-100	MSV-150-FL
Vaporization	kg/hr	30	50	100	150
Capacity	lb/hr	66	110	220	300
Water Bath Capacity	liters	18	34	40	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	21
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	410	860
	Height	780	930	1020	1170
Weight	kg	50	70	90	110

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

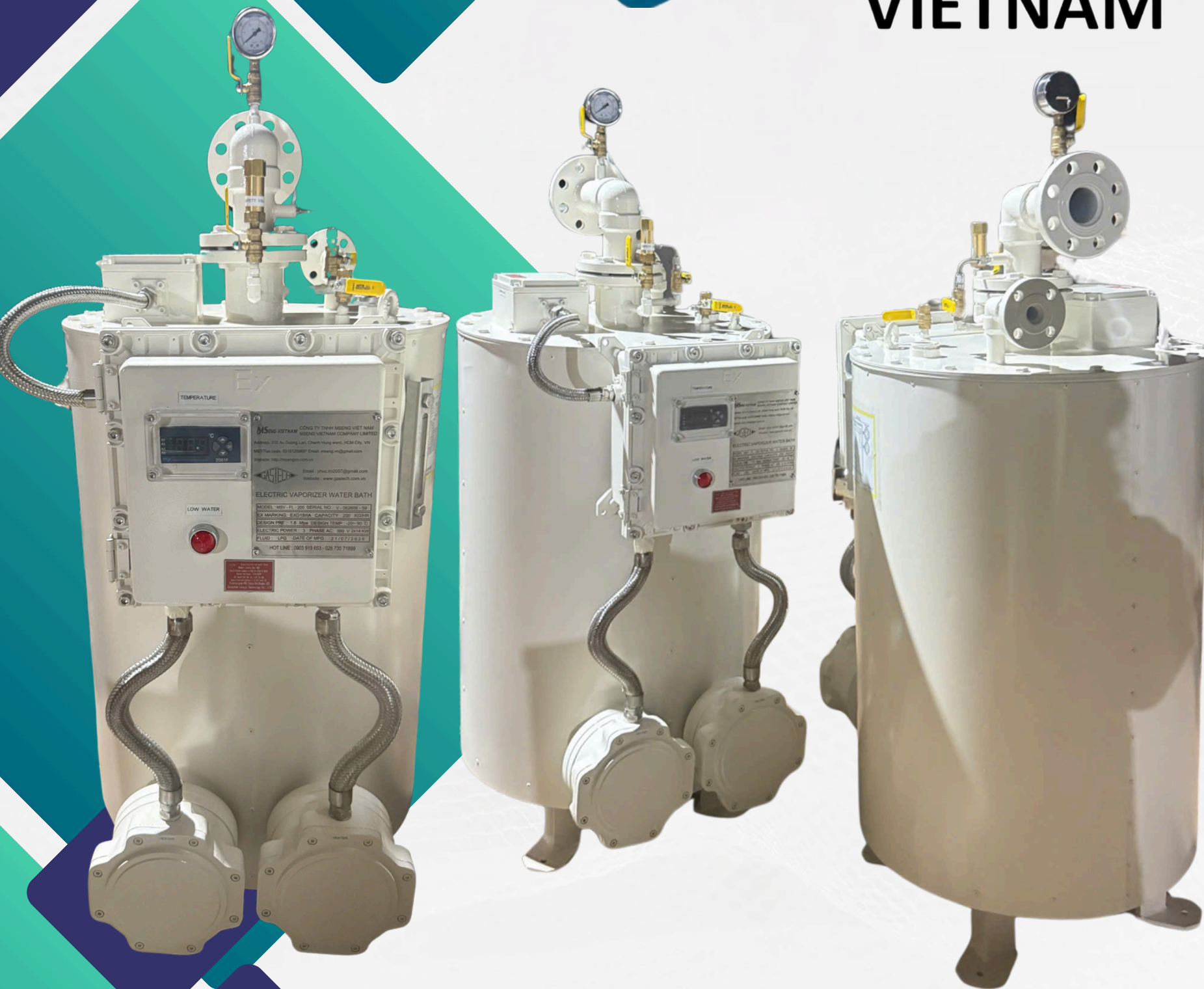


MODEL		MSV-FL-100
Vaporization	kg/hr	100
Capacity	lb/hr	220
Water Bath Capacity	liters	40
Design Pressure	kg/cm ²	18
	MPa	1.8
Liquid inlet		15A (1/2")
Vapor outlet		25A(1")
Hydrostatic Test Pressure	kg/cm ²	27
	MPa	2.7
Relief Valve	kg/cm ²	17.5
Setting Pressure	MPa	18
Flame- Proof Electric Heater	kW	16
Electric Requirement	Heater	220V/380V/415V/440V/460V, 3-Phase 220V, 1-Phase
	Control Circuit	
Dimension (mm)	Width	410
	Depth	410
	Height	1020
Weight	kg	90

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LPG ELECTRIC VAPORIZER

200-400KG/HR



MODEL		MSV-200-FL	MSV-300-FL	MSV-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		25A (1")		
Vapor outlet		50A (2")		
Hydrostatic Test Pressure	kg/cm ²	27		
	MPa	2.66		
Relief Valve		17.5		
Setting Pressure		1.72		
Flame- Proof Electric Heater	kW	28 (14kWx2)	42 (21kWx2)	56 (28kWx2)
	Heater Control Circuit Requirement	200/220V/380/415/440/460V, 3-Phase 220V, 1-Phase		
Dimension (mm)	Width	580	580	800
	Depth	710	710	967
	Height	1180	1380	1545
Weight	kg	190	-	-

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

LPG ELECTRIC VAPORIZER 400-600KG/HR



MODEL		MSV-400-FL	MSV-500-FL	MSV-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 Pressure	kg/cm ²	27		
	MPa	2.66		
Relief Valve Setting Pressure	kg/cm ²	17.5		
	MPa	1.72		
Flame- Proof	kW	54	72	84
Electric Heater		(18kWx3)	(36kWx2)	(28kWx3)
Electric Requirement	Heater Control Circuit	200/220V/380/415/440/460V, 3-Phase 220V, 1-Phase		
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

500-1000KG/HR



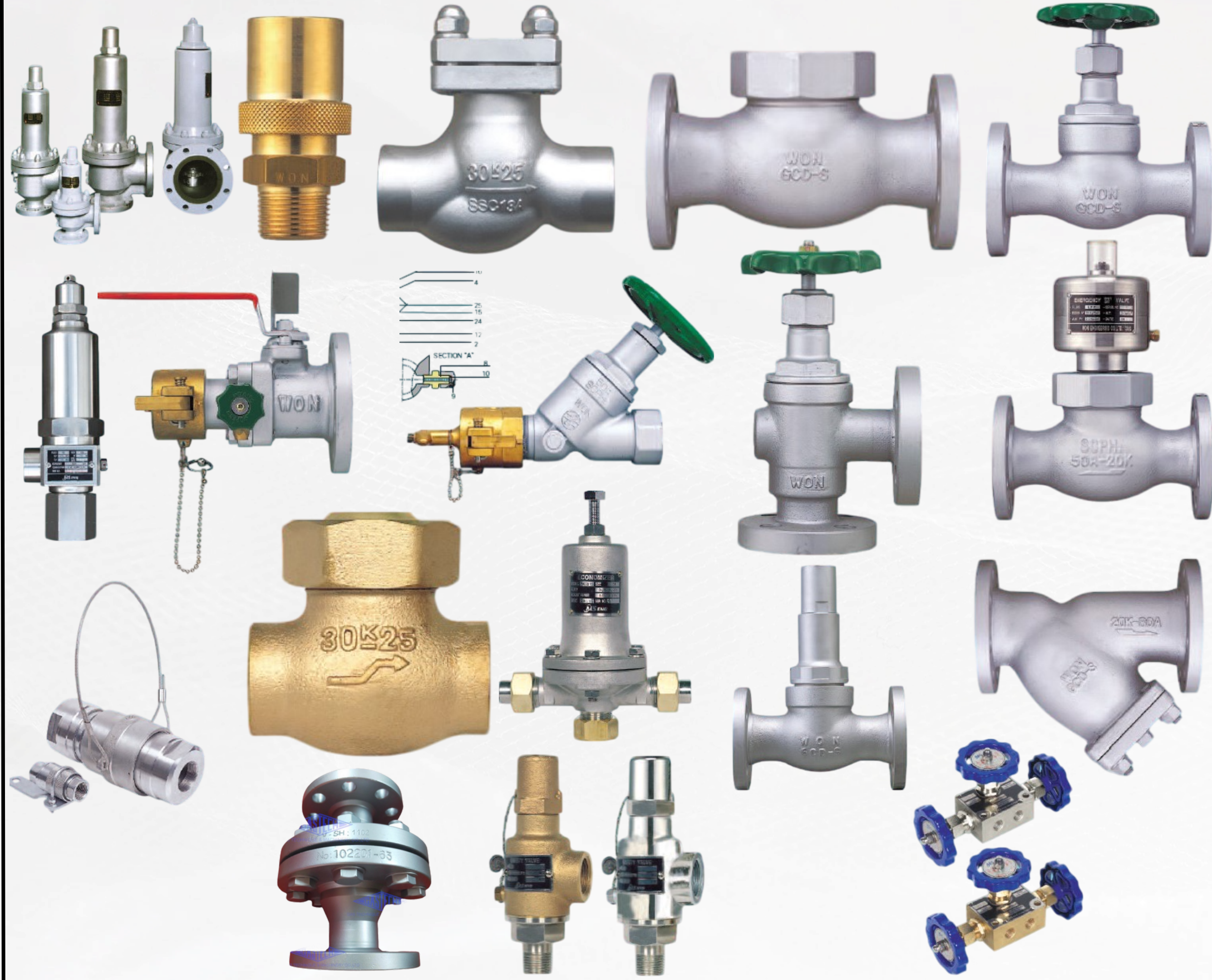
MODEL		MSV-750-FL	MSV-800-FL	MSV-1000-FL
Vaporization	kg/hr	750	800	1000
Capacity	lb/hr	1650	1760	2200
Water Bath Capacity	liters	580	620	1200
Design Pressure	kg/cm ²	18		
	MPa	1.77		
Liquid inlet		40A(1.1/2")	40A(1.1/2")	40A(1.1/2")
Vapor outlet		80A (3")		
Hydrostatic Test Pressure	kg/cm ²	27		
	MPa	2.66		
Relief Valve	kg/cm ²	17.5		
Setting Pressure	MPa	1.72		
Flame- Proof	kW	105	112.5	140
Electric Heater		(35kWx3)	(37.5kWx3)	(35kWx4)
Electric Requirement	Heater	220V/380V/415V/440V/460V, 3-Phase		
	Control Circuit	220V, 1-Phase		
Dimension (mm)	Width	920	920	1200
	Depth	1290	1290	1850
	Height	1410	1460	1835
Weight	kg	-	-	-

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

VALVE MS

Common Valve Types:

- Safety Valves
- Ball Valves
- Globe Valves
- Check Valves
- Pressure Relief Valves
- Emergency Shut-Off Valves
- Needle Valves, Regulators, etc.



MS ENG VIETNAM

FLANGE EXCESS FLOW VALVE



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

DIMENSION:

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

BACK CHECK VALVE



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

DIMENSION:

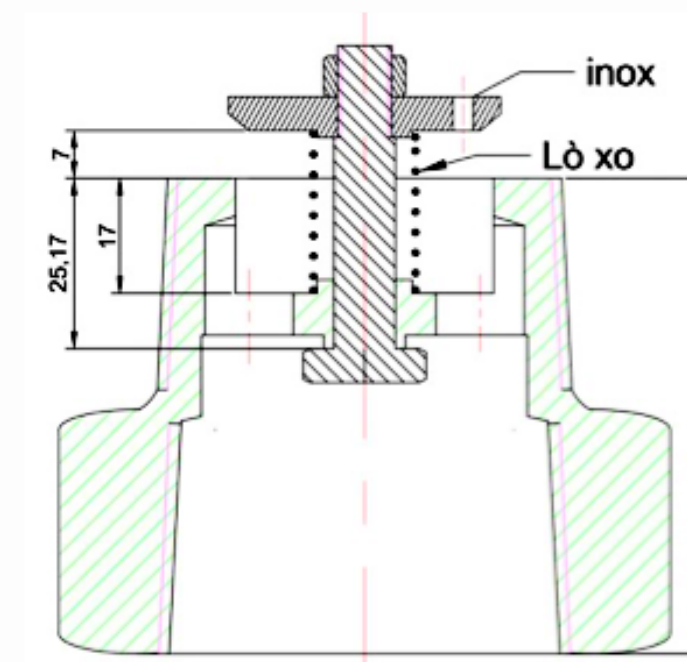
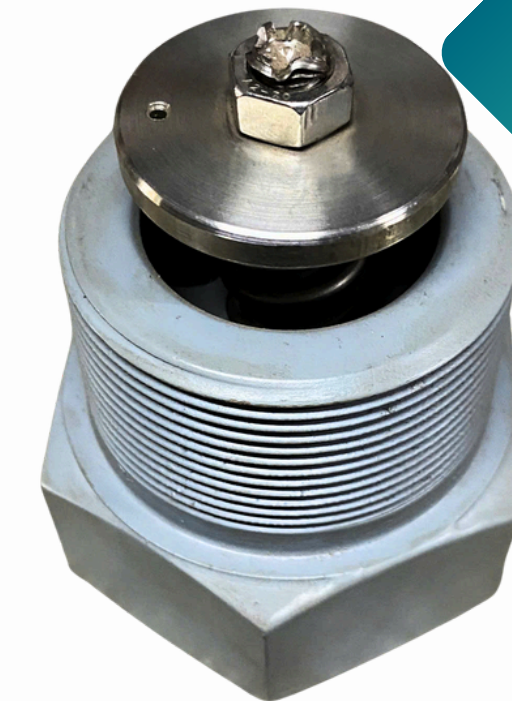
No.	1	2	3
Type	CHR-25A	CHR-50A	CHR-80A
Solvent	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen	-LP Gas -Carbon Dioxide -Oxygen

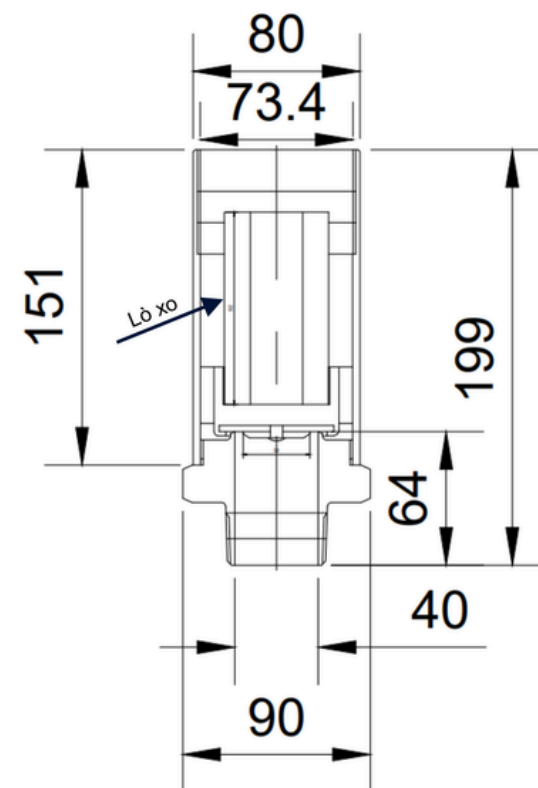
EXCESS FLOW VALVE

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	- LP Gas - Carbon dioxide - Oxygen	- LP Gas - Carbon dioxide - Oxygen	- LP Gas - Carbon dioxide - Oxygen





MS ENG VIETNAM **SAFETY VALVE**

Specifications:

KGS AA319

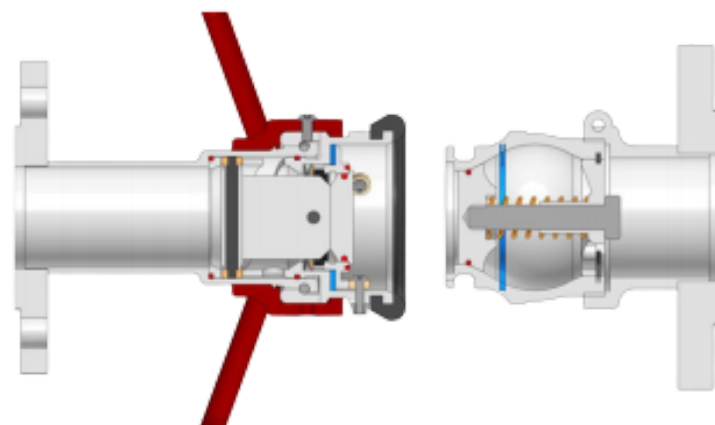
- Actual pressure: 17.24 bar
- Design pressure: 25 bar
- Exit hole: $\phi 40$
- Manufacturing material: Aluminum
- Use: LPG, NH₃

MATERIAL

Model No.	d	T1	T2	H	S
MT-160C1	19	NPT 1	M45 P1.5	162	54
MT-160C2	32	NPT 1 - 1/4	M62 P1.5	206	70
MT-160C3	35	NPT 1 - 1/2	M68 P1.5	240	80
MT-160C4	35	NPT 2	M68 P1.5	245	80
MT-160C5	38	NPT 2 - 1/2	M75 P2	280	85
MT-160C6	44	NPT 2 - 1/2	M78 P2	290	90

MS ENG VIETNAM

DRY BREAK COUPLING



Specifications:

- Material: SUS 316
- Seal: Viton
- Working Pressure: 16 bar

Female Coupling

MODEL	SIZE	D/MM	Stainless Steel (kg)	Aluminum (kg)	Brass (kg)
OKTH56	1"	56	15	6	15
OKTH70	2"	70	30	12	28
OKTH105	2 1/2"	105	74	43	88
OKTH119	3"	119	88	49	102
OKTH164	4"	164	194	95	206

Male Coupling

MODEL	SIZE	D/MM	Stainless Steel (kg)	Aluminum (kg)	Brass (kg)
OKTU56	1"	56	8	3	8
OKTU70	2"	70	18	5	14
OKTU105	2 1/2"	105	29	10	30
OKTU119	3"	119	37	12	35
OKTU164	4"	164	69	33	74

MS ENG VIETNAM

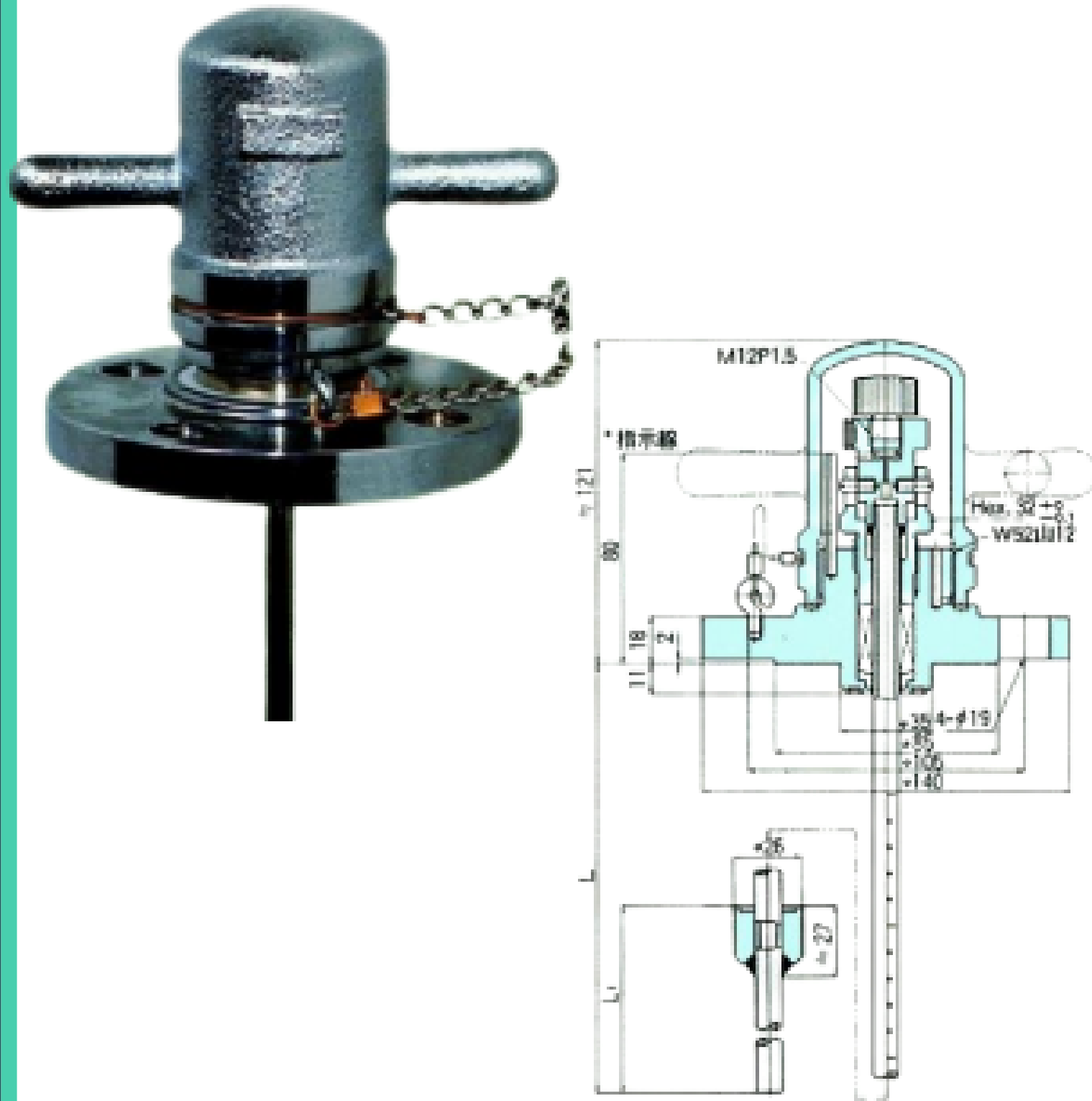
SLIP TUBE GAUGE

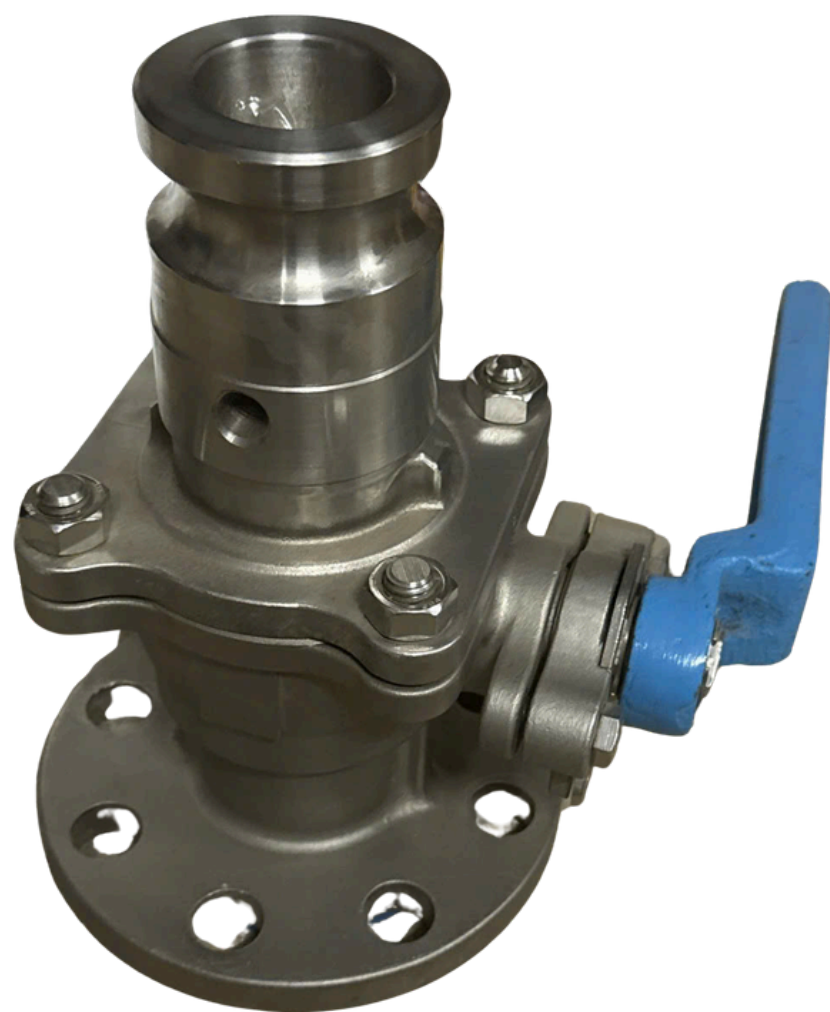
Specification

- Connection type: Flange 40A JIS 20K
- Material: Carbon Steel Body
- Fluid : LPG, LNG, NH3

Dimensions

Tank I.D	L	L1	Weight (kg)
1500	1515	237	457
1600	1615	237	462
1800	1815	237	469
1900	1915	237	470
2000	2015	237	471
2500	2515	237	476





SPECIFICATIONS

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

MS ENG VIETNAM

TRANSFER BALL VALVE

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

Dimensions

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

PROJECT PROPOSAL



Electric vaporizer at site and MSEng Viet Nam's Valve

WARRANTY



- Thời gian bảo hành:

Warranty Period:

- Phần cứng & điện trở : 3 năm kể từ ngày giao hàng

Hardware and resistors: 3 years from date of delivery

- Thiết bị điện tử: 12 tháng kể từ ngày giao hàng

Electronics: 12 months from date of delivery

- Hỗ trợ kỹ thuật trực tiếp ngay khi có vấn đề xảy ra

Online technical support as soon as a problem / problem occurs

Có mặt trong vòng 48h (nếu khách có nhu cầu hỗ trợ gấp)

MS ENG



CONTACT

Don't hesitate to contact us



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