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Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter



Panel(Piping) Type flowmeter is also called the variable-area (or float) flowmeter. The material of measuring tube is made of High-quality and transparent lucite (cast acrylic) . This flowmeter is mainly applied to form a complete set in clean water treatment and environmental protection projects. It also can be used in chemical industry, petroleum, light industry, medicine, fertilizer, food, papermaking and scientific research, etc., to measure the single-phase non- pulsing flow of liquid and gas.

Panel(Piping) type flowmeter has the characteristics of high transparency, reading ocular, in rare cases to be broken, light weight, long-life, convenient for installation ect.,

Technical Parameters

Normal flowrate range (flow water)	GPM	0.1~1	0.2~2	1~5	1~10	2~16	2~20	4~40	6~60	10~100	50~150
	LPM	0.5~4	1~7	2~18	5~35	4~60	10~70	15~150	25~250	50~350	190~550
Accuracy	±4%FS										
Repeatability	±0.25%FS										
Rangeability	10:1	10:1	5:1(10:1)	10:1	8:1	10:1	10:1	10:1	10:1	10:1	10:1
Maximum pressure	1MPa/150psig										
Maximum temperature	80°C/176° F										
Body material	PMMA(Lucite)										
Float material	316L(Stainless steel)										
Guide rod material	316L(Stainless steel)										
Fastening screw material	H62(Copper)										
Tube connection material	UPVC (Nonpoisonous) (Can be made of stainless steel or copper chromium)										
Upper and lower adapter bearing	F46										
O Shape sealing ring	Silicon rubber										



Our company produces whole series of Variable-area Flowmeter. It can be made for different medium, flowrate range, connection size and float of different materials according to the request of the customers (including the Variable-area Flowmeter with Glass Tube), and also can be made in accordance with sample or OEM submitted by the customer.

Panel(Piping) Type Flowmeter



WeiChuang
Flowmeter

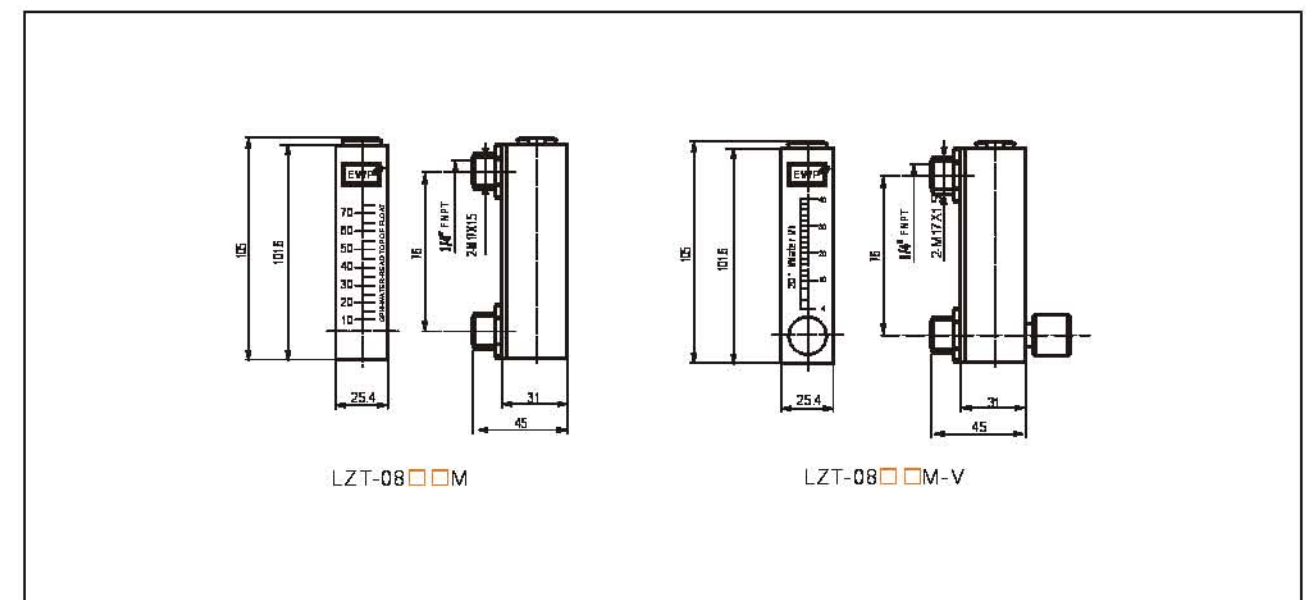


LZT-8
Series
Panel(Piping) type



Model	Measuring range	Medium	Remarks
LZT-0802M	2-20l/h	Water	Without valve
LZT-0804M	4-40l/h		
LZT-0806M	6-60l/h		
LZT-0810M	10-100l/h		
LZT-0807M	10-70GPH		
LZT-0802M-V	2-20l/h		With valve
LZT-0804M-V	4-40l/h		
LZT-0806M-V	6-60l/h		
LZT-0810M-V	10-100l/h		
LZT-0807M-V	10-70GPH		
LZT-08A01M-V	1~10SCFH/0.5~5LPM	Air	With valve
LZT-08A02M-V	2~20SCFH/1~10LPM		
LZT-08A04M-V	4~40SCFH/2~20LPM		
LZT-08A08M-V	8~80SCFH/4~40LPM		
LZT-08A10M-V	10~100SCFH/5~50LPM		
LZT-08A20M-V	20~200SCFH/10~100LPM		

Dimensions mm

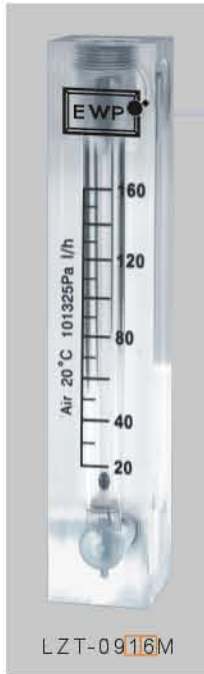


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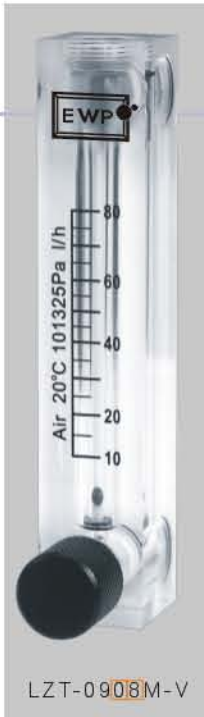
Panel(Piping)
Type Flowmeter



WeiChuang
Flowmeter



LZT-0916M



LZT-0908M-V

LZT-9
Series
Panel type

Model	Measuring range	Medium	Remarks
LZT-0908M	10~80 l/h	Air	Without valve
LZT-0916M	20~160 l/h		
LZT-0930M	30~300 l/h		
LZT-0980M	80~800 l/h		
LZT-0908M-V	10~80 l/h		With valve
LZT-0916M-V	20~160 l/h		
LZT-0930M-V	30~300 l/h		
LZT-0980M-V	80~800 l/h		

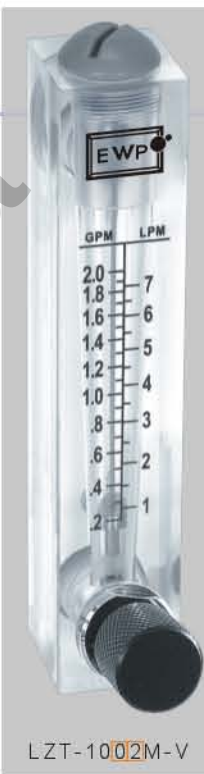
Panel(Piping)
Type Flowmeter



WeiChuang
Flowmeter



LZT-1005M

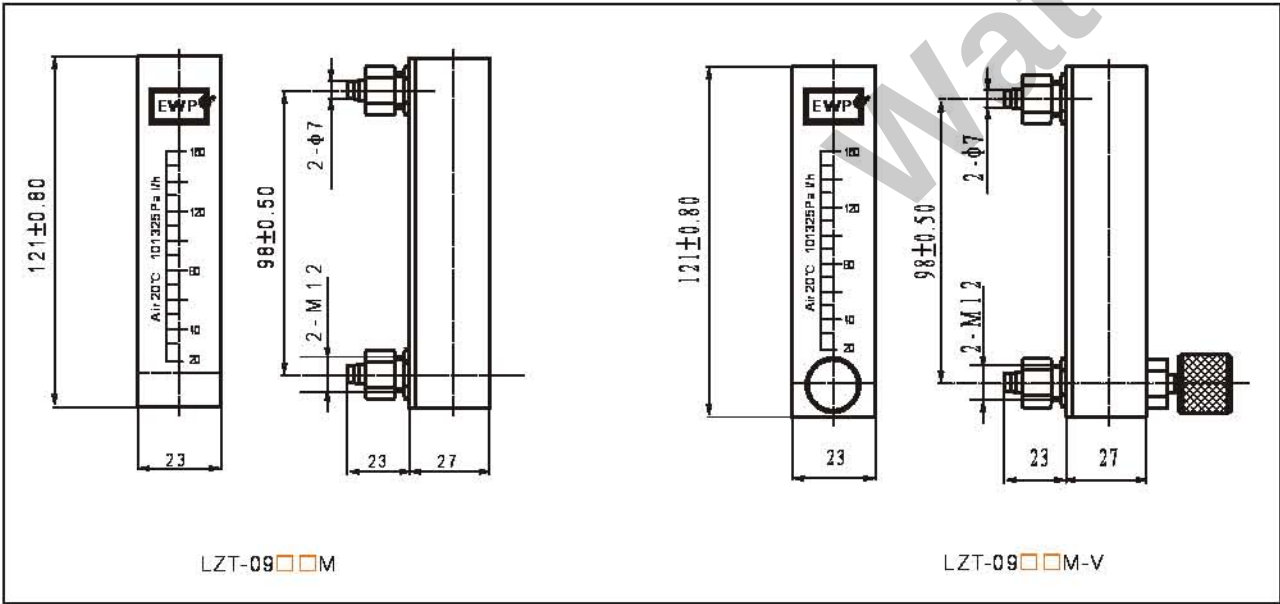


LZT-1002M-V

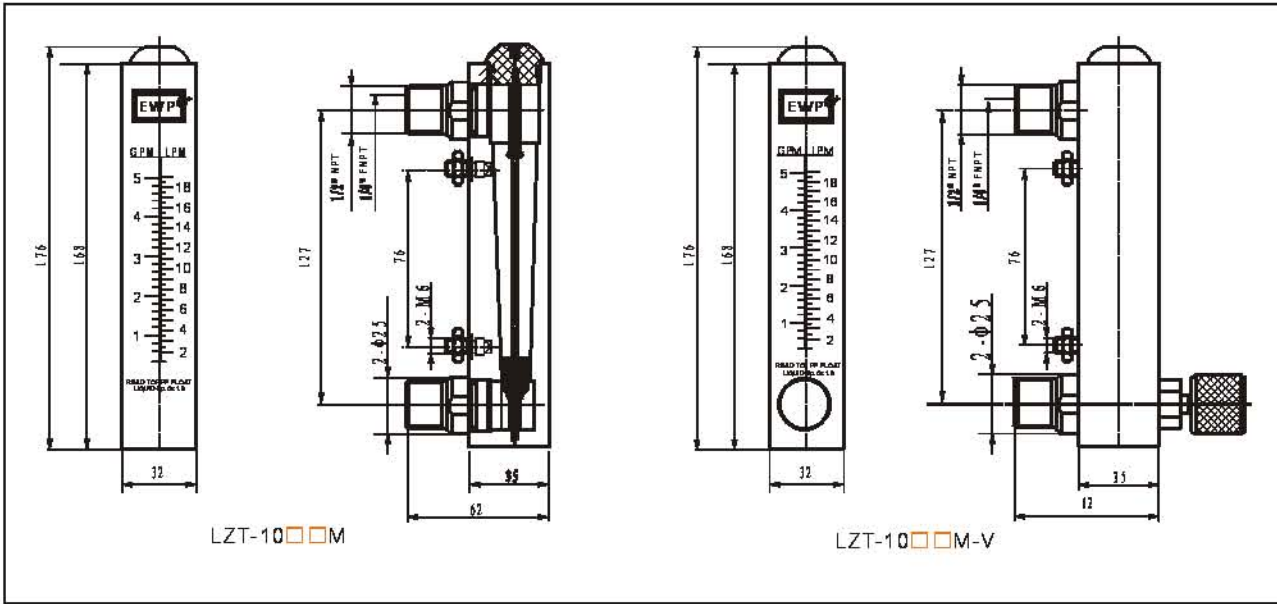
LZT-10
Series
Panel type

Model	Measuring range	Medium	Remarks
LZT-1001M	0.1~1GPM/0.5~4LPM	Water	Without Valve
LZT-1002M	0.2~2GPM/1~7LPM		
LZT-1005M	0.5~5GPM/2~18LPM		
LZT-1001M-V	0.1~1GPM/0.5~4LPM		With Valve
LZT-1002M-V	0.2~2GPM/1~7LPM		
LZT-1005M-V	0.5~5GPM/2~18LPM		
LZT-10A04M	0.4~4SCFM/12~120LPM	Air	Without Valve
LZT-10A08M	0.8~8SCFM/24~240LPM		
LZT-10A16M	1.6~16SCFM/48~480LPM		
LZT-10A24M	2.4~24SCFM/72~720LPM		With Valve
LZT-10A04M-V	0.4~4SCFM/12~120LPM		
LZT-10A08M-V	0.8~8SCFM/24~240LPM		
LZT-10A16M-V	1.6~16SCFM/48~480LPM		
LZT-10A24M-V	2.4~24SCFM/72~720LPM		

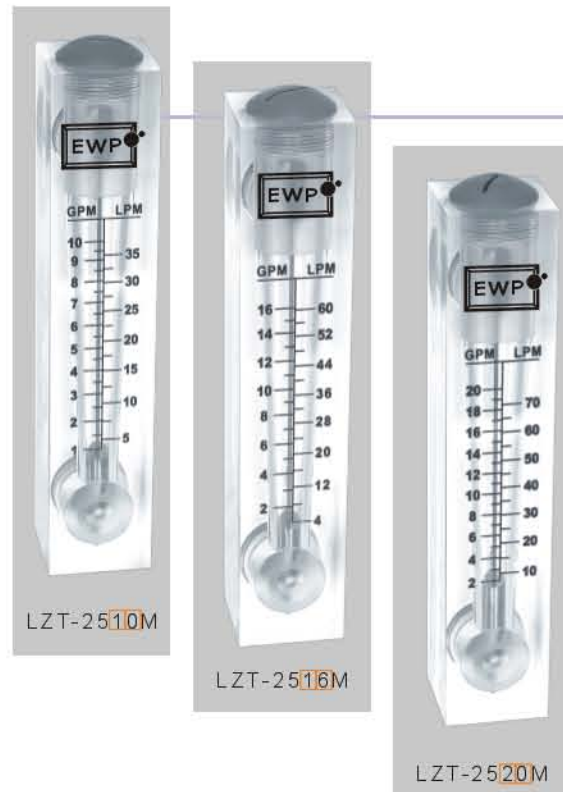
Dimensions mm



Dimensions mm



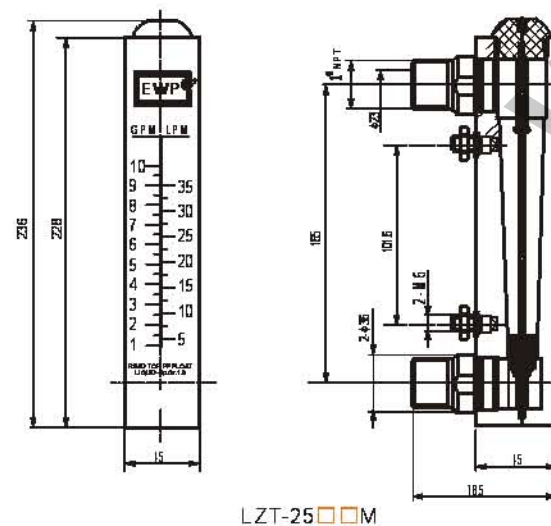
WeiChuang Flowmeter



LZT-25
Panel type

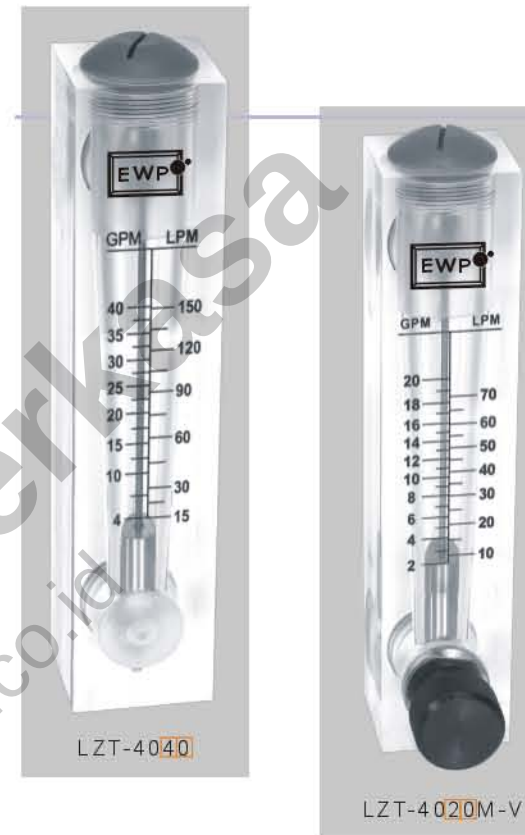
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Dimensions mm



LZT-25□□M

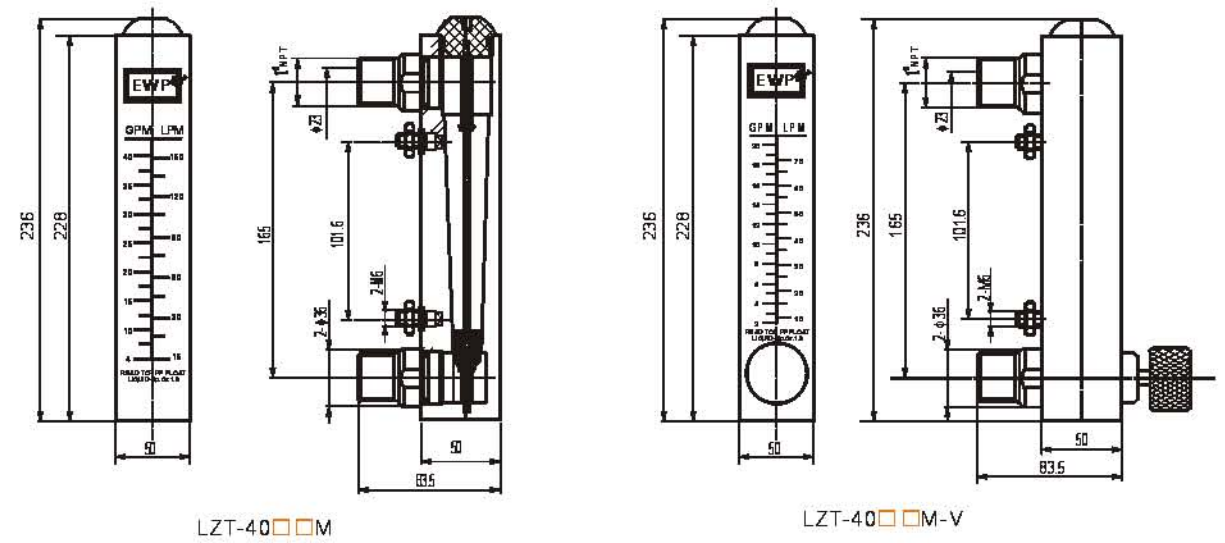
WeiChuang Flowmeter



LZT-40
Panel type

[illegible]

Dimensions mm



LZT-40□□M

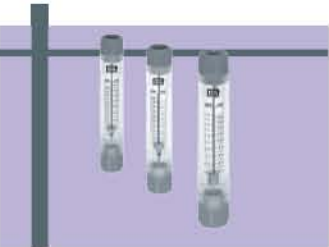
LZT-40 ☐ ☐ M-V

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Panel(Piping)
Type Flowmeter



WeiChuang
Flowmeter



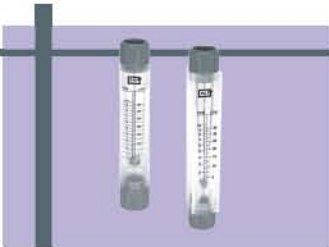
LZT-10
Series
Piping type

Model	Measuring range	Medium	Remarks
LZT-1001G	0.1~1 GPM/0.5~4LPM	Water	Circular
LZT-1002G	0.2~2 GPM/1~7LPM		
LZT-1005G	0.5~5 GPM/2~18LPM		

Panel(Piping)
Type Flowmeter



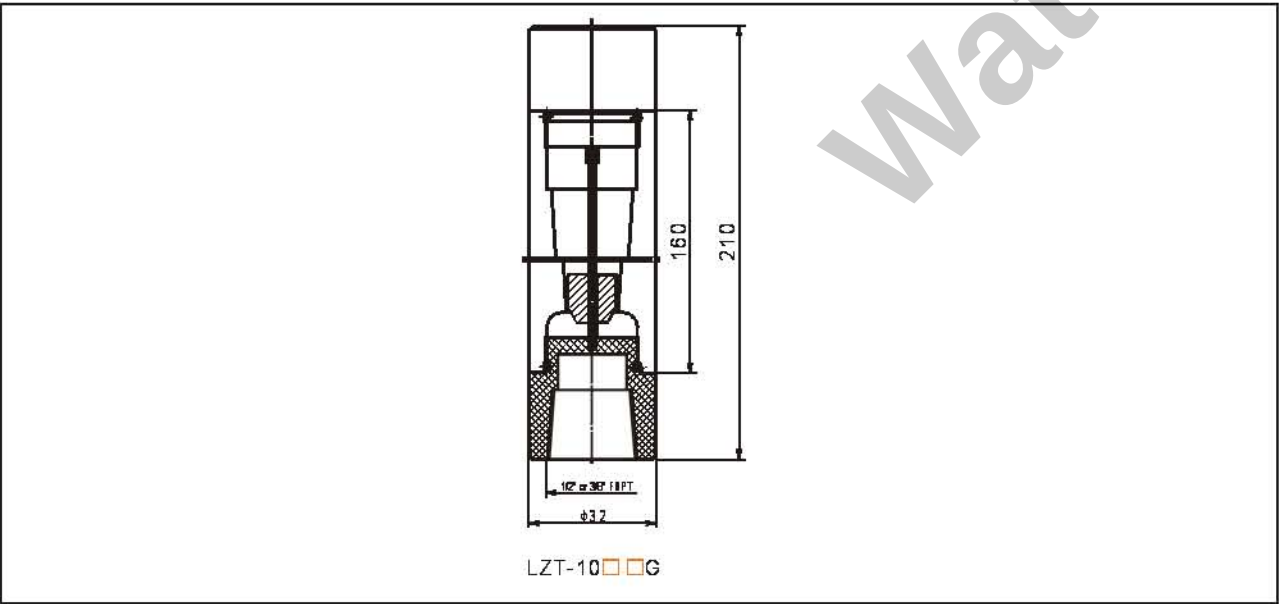
WeiChuang
Flowmeter



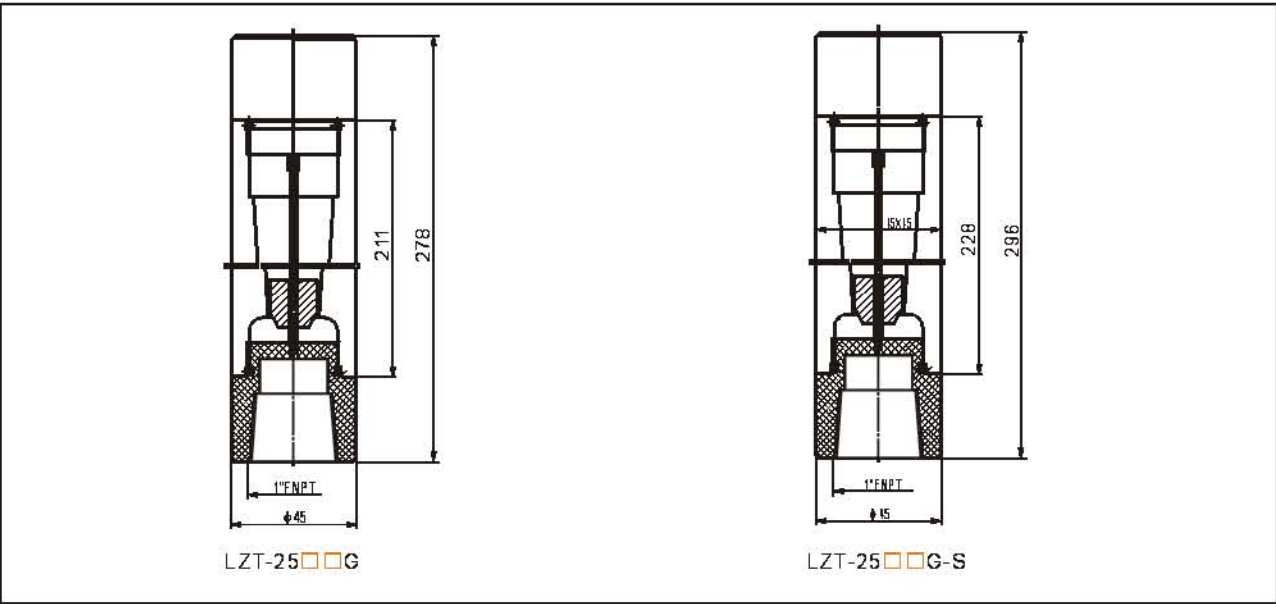
LZT-25
Series
Piping type

Model	Measuring range	Medium	Remarks
LZT-2510G	1~10 GPM/5~35LPM	Water	Circular
LZT-2516G	2~16 GPM/4~60LPM		
LZT-2520G	2~20 GPM/10~70LPM		
LZT-2510G-S	1~10 GPM/5~35LPM	Water	Square
LZT-2516G-S	2~16 GPM/4~60LPM		
LZT-2520G-S	2~20 GPM/10~70LPM		

Dimensions mm



Dimensions mm



Panel(Piping)
Type Flowmeter



WeiChuang
Flowmeter



LZT-4008G

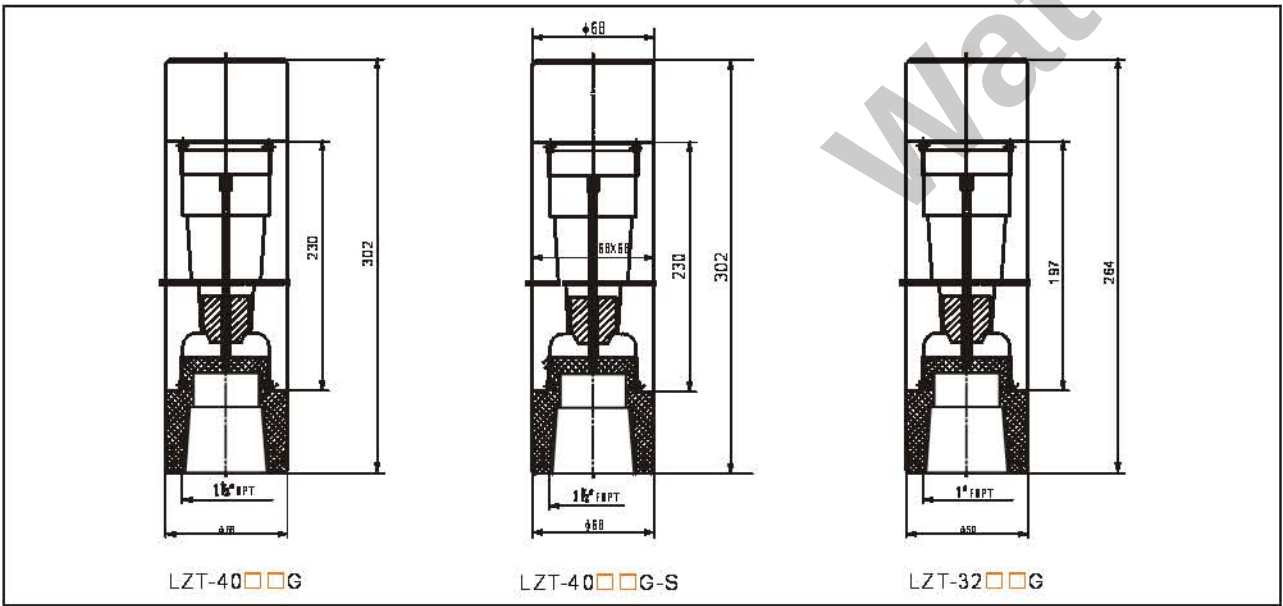


LZT-4006G-S

LZT-40
Series
Piping type

Model	Measuring range	Medium	Remarks
LZT-4004G	4~40 GPM/15~150LPM	Water	Circular
LZT-4006G	6~60 GPM/25~250LPM		
LZT-4008G	8~80GPM/30~300LPM		
LZT-4010G	10~100 GPM/50~350LPM		
LZT-4004G-S	4~40 GPM/15~150LPM		Square
LZT-4006G-S	6~60 GPM/25~250LPM		
LZT-4008G-S	8~80GPM/30~300LPM		
LZT-4010G-S	10~100 GPM/50~350LPM		
LZT-3203G	3~30GPM/12~120LPM	Water	Circular
LZT-3204G	4~40GPM/15~150LPM		

Dimensions mm



Panel(Piping)
Type Flowmeter



WeiChuang
Flowmeter



LZT-5015G

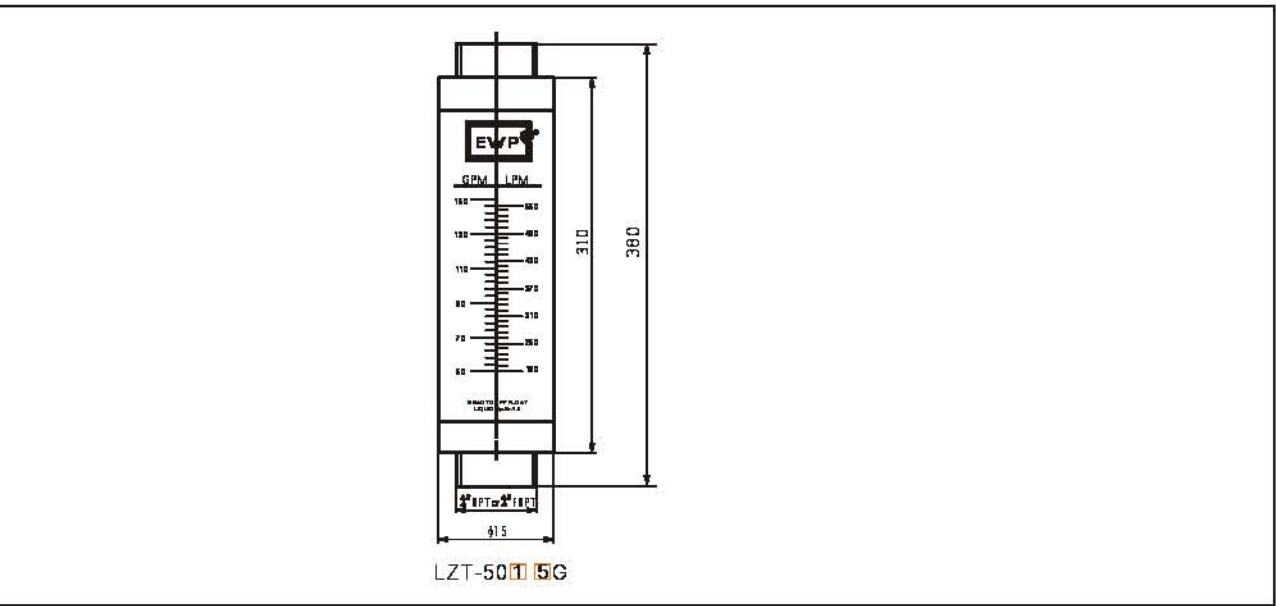


LZT-5020G

LZT-50
Series
Piping type

Model	Measuring range	Medium	Remarks
LZT-5015G	50~150GPM/190~550LPM	Water	Circular
LZT-5020G	50~200GPM/200~750LPM		

Dimensions mm



Panel(Piping)
Type Flowmeter



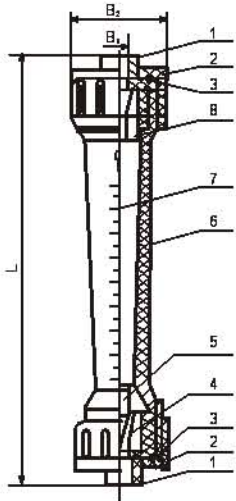
WeiChuang
Flowmeter



LZT-S
Plastics tube
Flowmeter

Model	Measuring range	Medium	Remarks
LZT-15S16	16~160l/h	Water	Without Guide rod
LZT-15S25	25~250l/h		
LZT-15S40	40~400l/h		
LZT-15S60	60~600l/h		
LZT-25S16	160~1600l/h		
LZT-25S25	250~2500l/h	Water	With Guide rod
LZT-32S04	0.4~4m³/h		
LZT-32S06	0.6~6m³/h		
LZT-50S10	1~10m³/h		
LZT-50S16	1.6~16m³/h		
LZT-65S25	5~25m³/h		
LZT-65S40	8~40m³/h		
LZT-65S60	12~60m³/h		

Dimensions mm



- 1. Connection tube
- 2. Nut
- 3. O-ring
- 4. Bottom stop shaft
- 5. Floater
- 6. Cone tube
- 7. Scale
- 8. Top stop shaft

Caliber mm	Dimensions mm		
	L	B ₁	B ₂
15	280	φ 20	φ 45
25	380	φ 32	φ 68
32	288	φ 40	φ 74
50	341	φ 63	φ 98
65	430	φ 75	φ 122

Remarks: The material of upper and lower connection tube of this series flowmeter is ABS engineering plastic.
(also can be made for different material or connection form according to the request of the customers)

