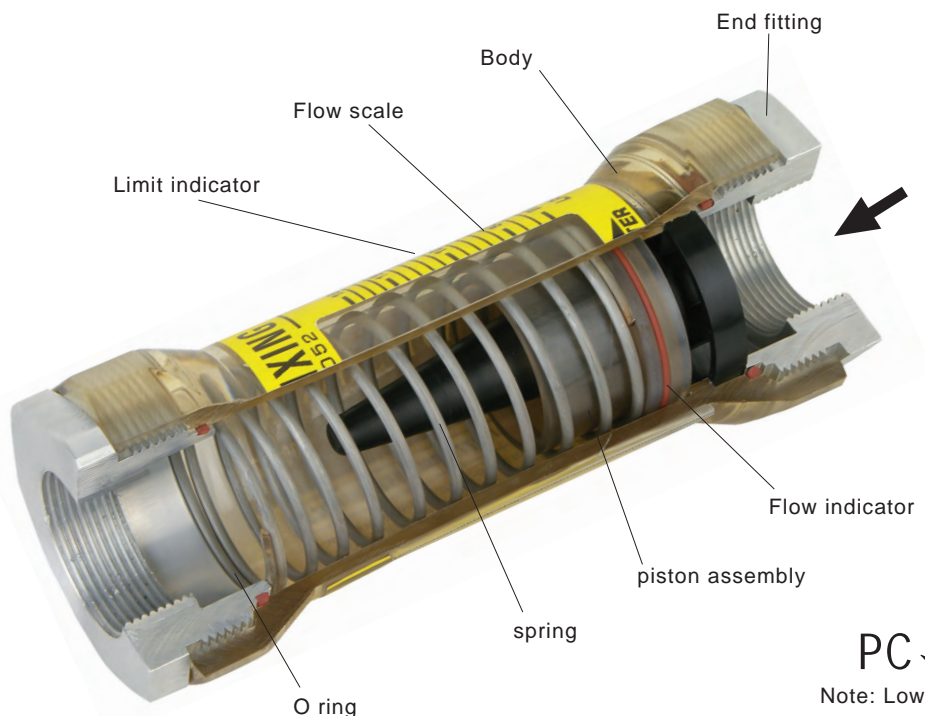
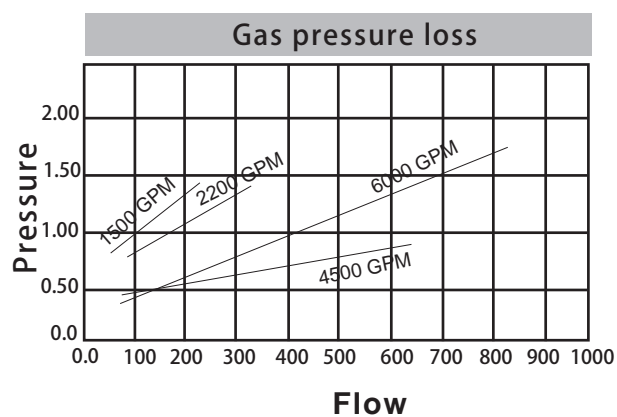
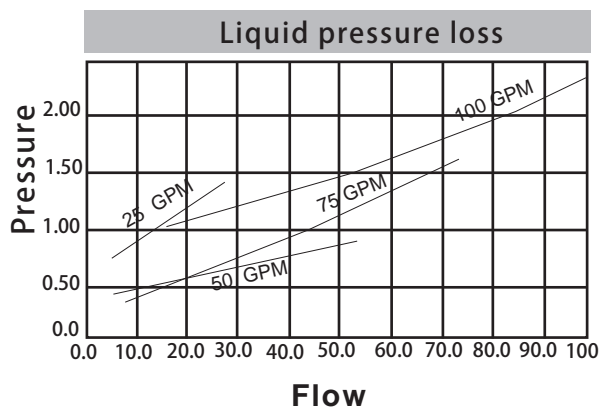
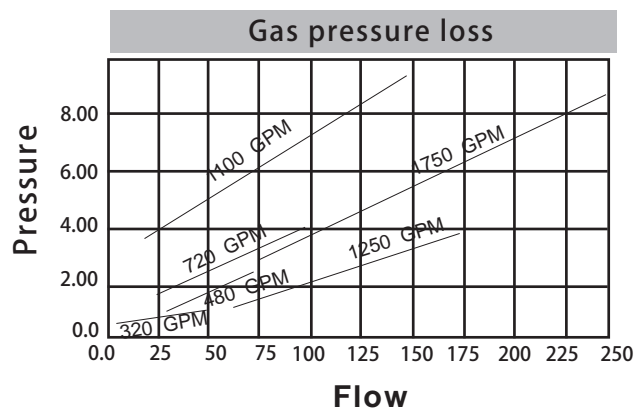
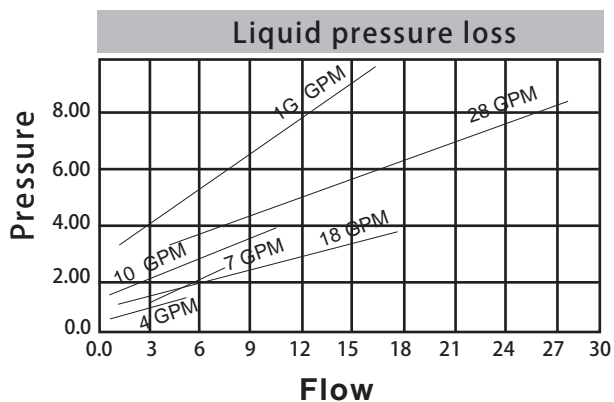


G



PC、PSU Body

Note: Low /high alarm switch is optional

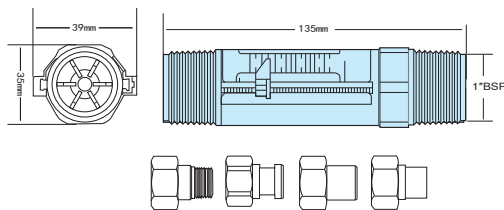


Z-6000 Series

Pipeline Flowmeters(Mount In Any Position)

The main frame of the flow meter of this type is made of engineering plastics of high strength(PC Polycarbonate or PSU polysulfone), Injection molded, chemical resistant Polysulfone which is breaking-proof and corrosion-proof, Direct exposure to sunlight is not recommended and can be mounted in any position. It is capable of bearing high pressure, easy to read (the reading is red O-ring), and equipped with indicating device showing the high and low limit of the flow.

- Temperature limited: PC: 0~60°C
PSU: 0~100°C
- Pressure limit: PC: 10Bar
PSU: 20Bar
- Accuracy: $\pm 6\%$
- Alarm switch is optional



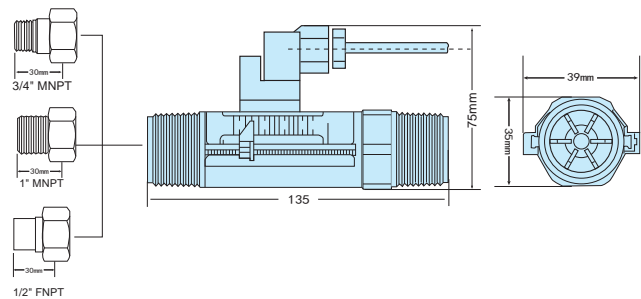
Specifications

| Model | Measuring range | | | | Thread | Weights (KG) |
|--------|-----------------|--------|--------|----------|----------|-----------------|
| | Water | | Air | | | |
| | GPM | LPM | GPM | LPM | | |
| Z-6011 | 0.5~5 | 2~20 | 18~180 | 60~600 | 1/2"FNPT | 0.4 |
| Z-6012 | 1~7 | 3~25 | 20~200 | 70~700 | 3/4"MNPT | |
| Z-6013 | 1~10 | 4~35 | 25~250 | 100~1000 | 3/4"FNPT | |
| Z-6014 | 1~16 | 5~60 | 35~350 | 150~1400 | 1"MNPT | |
| Z-6015 | 3~20 | 10~70 | 52~520 | 200~2000 | 3/4"FNPT | 0.5 |
| Z-6016 | 4~28 | 10~100 | 80~800 | 300~3000 | 3/4"MNPT | |
| | | | | | 1"MNPT | |

Z-60(Alarm switch type)

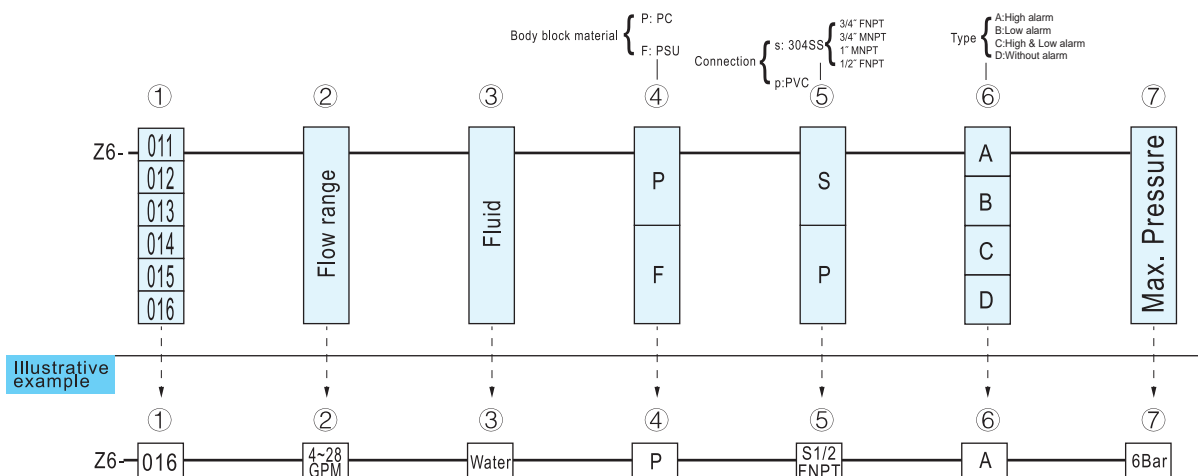
| Model | Measuring range | | | | Thread | Weights (KG) |
|---------|-----------------|--------|--------|----------|----------------------|-----------------|
| | Water | | Air | | | |
| | GPM | LPM | GPM | LPM | | |
| Z-6011A | 0.5~7 | 2~25 | 18~180 | 60~600 | 1/2"FNPT 3/4"MNPT | 0.4 |
| Z-6012A | 0.5~9 | 2~35 | 20~200 | 70~700 | | |
| Z-6013A | 1~13 | 3~50 | 25~250 | 100~1000 | | |
| Z-6014A | 3~16 | 10~60 | 35~350 | 150~1400 | | |
| Z-6015A | 4~22 | 15~80 | 52~520 | 200~2000 | 3/4"FNPT 1"MNPT | 0.5 |
| Z-6016A | 5~28 | 20~100 | 80~800 | 300~3000 | | |

Note: BSP is optional



Z-60

How to order



Pipeline Flowmeters(Mount In Any Position)

G

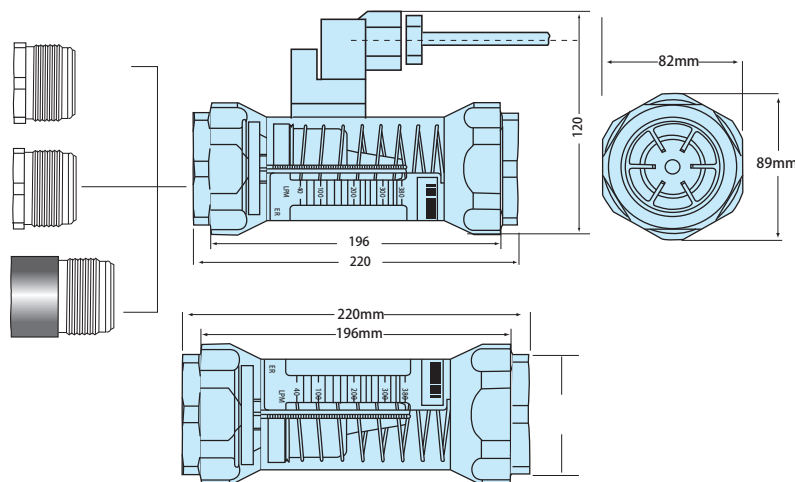
The main frame of the flow meter of this type is made of engineering plastics of high strenght(PC Polycarbonate or PSU polysulfone),Injection molded, chemical resistant Polysulfone which is breaking-proof and corrosion-proof,Direct exposure to sunlight is not recommended and can be mounted in any position.It is capable of bearing high pressure,easy to read(the reading is red O-ring),and equipped with indicating device showing the high and low limit of the flow.

- Temperature limited: PC:0~60°C
PSU: 0~100°C
- Pressure limit: PC: 10Bar
PSU: 20Bar
- Accuracy: $\pm 6\%$
- Alarm switch is optional

Z-65

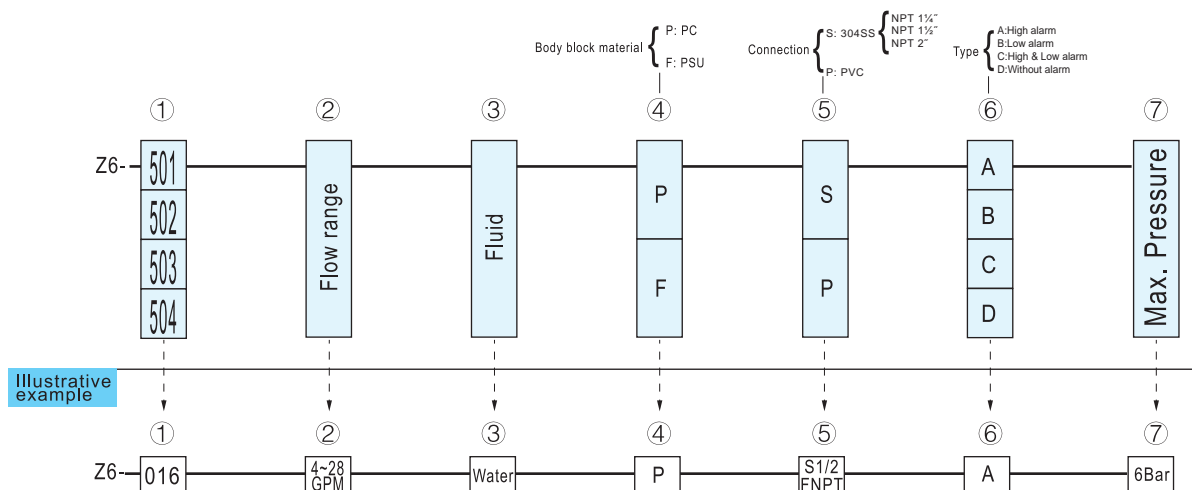
| Model | Measuring range | | Thread (NPT) |
|--------|-----------------|--------|-----------------|
| | Water | | |
| | GPM | LPM | |
| Z-6501 | 3~25 | 12~90 | 1½" Female |
| Z-6502 | 5~50 | 20~200 | |
| Z-6503 | 8~80 | 30~300 | 2" Female |
| Z-6504 | 10~100 | 40~400 | |

Note: BSP is optional



Z-65

How to order



Z-6200 Series

Balancing Valves (Mount In Any Position)

In hydraulic heating and cooling systems, the energy carrier is transported over piping sections of different lengths. On the path from the energy generator to the consumer, pipe lengths and turns, branches, valves and heat exchangers present their own resistance that inhibits flow through their cross-sections and surface roughness.

Energy in buildings must be distributed in such a way that all building sections, rooms and consumers are supplied according to their needs. A well-balanced system avoids excess and deficient supply of consumer circuits and prevents irritating flow noises in the pipes and valves.

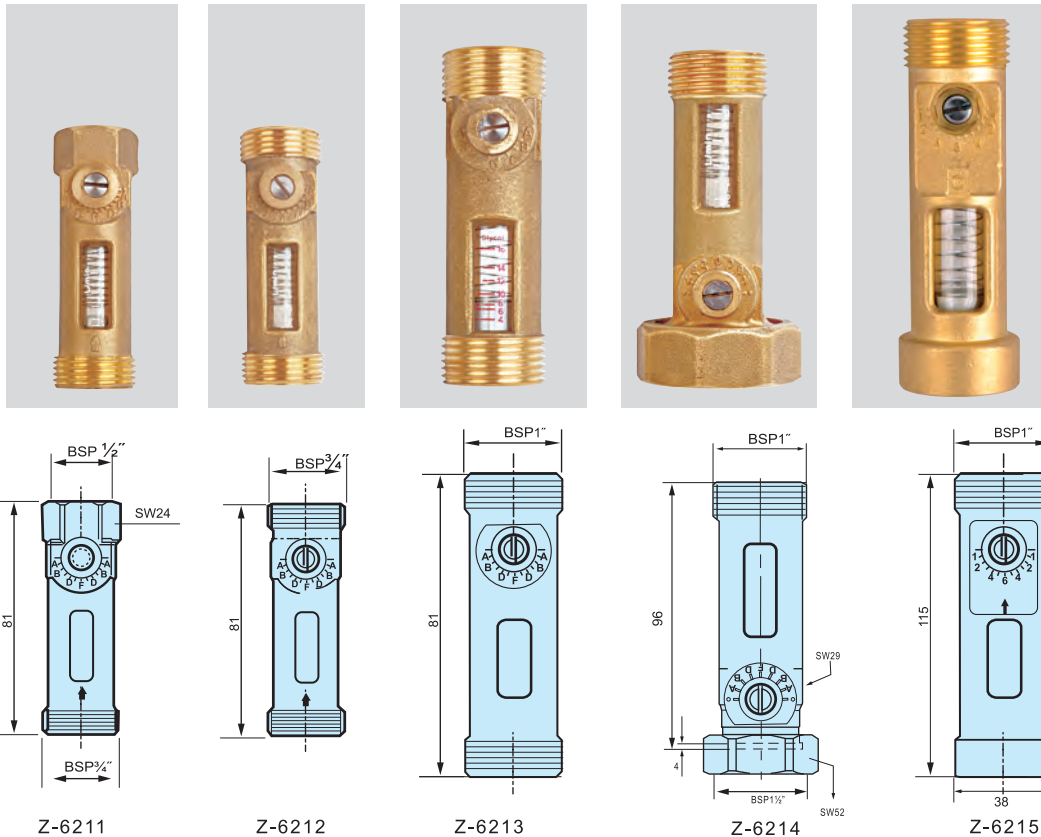
The gain in comfort due to pleasant room temperatures and significantly increased energy efficiency are the perceptible and measurable results of hydronically balanced flow systems. Hydronic balancing – the core area of expertise of FLOWTECH – is part of the modern standard and is indispensable in the building service solutions of today.

Z-6200 series is the multitasking model of the balancing valves. It can be used to directly adjust, indicate and shut off the flow. The valve is used for underfloor heating, heating circuit distributors, sanitary systems, cooling circuits, heat pumps and solar systems.

- Balancing and shut-off valve
- Hydronic balancing and volume flow control directly at the consumer or in a subsystem

Advantages

- Direct visual flow control (viewing PSU)
- For flow volumes from 1 – 40 l/min
- Required water flows are precisely, quickly, easily and continuously variably adjusted
- No expensive auxiliary devices (measuring devices, charts, tables) required



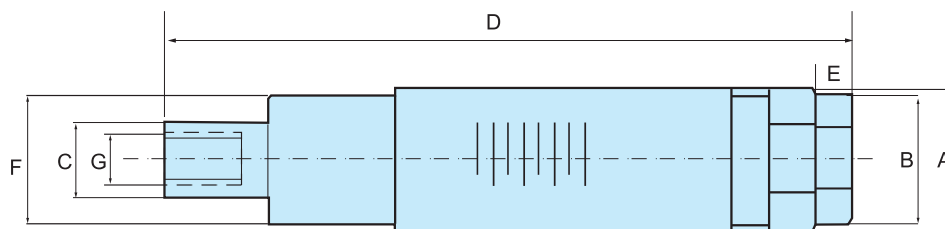
Specifications

| Model | Water (L/min) | Thread (BSP) | Weights (KG) | Accuracy | Working pressure (MPa) | Working temperature (°C) |
|--------|-----------------------|--------------|--------------|----------|------------------------|--------------------------|
| Z-6211 | 1~4 1~10 | 3/4"x1/2" | 0.2 | ± 10% | ≤1.0 | ≤100 |
| Z-6212 | 1~4 1~10 | 3/4"x3/4" | 0.2 | | | |
| Z-6213 | 2~16 8~25 10~40 | 1"x1" | 0.4 | | | |
| Z-6214 | 2~16 8~25 10~40 | 1"x1 1/2" | 0.5 | | | |
| Z-6215 | 2~16 8~25 10~40 | 1"x1" | 0.4 | | | |

Note: NPT is optional

G

Z-6300 series flow monitor is used in industrial automatic equipment, engineering machinery, refrigeration and air conditioner, hydraulics applications. with S.S. case, high pressure resistant, clear to read scales.



Specifications

| Model | G (BSP) | Measuring range L/min | Max. working pressure Bar | Sizes(mm) | | | | | |
|---------|---------------|-----------------------------|---------------------------------|-----------|----|----|-------|------|----|
| | | | | A | B | C | D | E | F |
| *Z-6311 | 1/4 | 0.2-2 | 350 | 32 | 27 | 21 | 123 | 7 | 32 |
| Z-6312 | 1/4 | 0.5-4.5 | 350 | 32 | 27 | 21 | 123 | 7 | 32 |
| Z-6313 | 1/4 | 2-10 | 350 | 32 | 27 | 21 | 123 | 7 | 32 |
| Z-6314 | 1/2 | 2-20 | 350 | 40 | 32 | 31 | 165.5 | 12.5 | 44 |
| Z-6315 | 1/2 | 5-46 | 350 | 40 | 32 | 31 | 165.5 | 12.5 | 44 |
| Z-6316 | 3/4 | 5-55 | 350 | 48 | 44 | 36 | 190 | 15 | 50 |
| Z-6317 | 3/4 | 10-100 | 350 | 48 | 44 | 36 | 190 | 15 | 50 |
| Z-6318 | 1 1/4 (1 1/2) | 20-180 | 350 | 84 | 79 | 66 | 210 | 18 | 79 |
| *Z-6319 | 1 1/4 (1 1/2) | 30-270 | 350 | 84 | 79 | 66 | 210 | 18 | 79 |
| *Z-6320 | 1 1/4 (1 1/2) | 40-360 | 350 | 84 | 79 | 66 | 210 | 18 | 79 |

Z-560 (PSU) Series

Plastic Flowmeters

Features

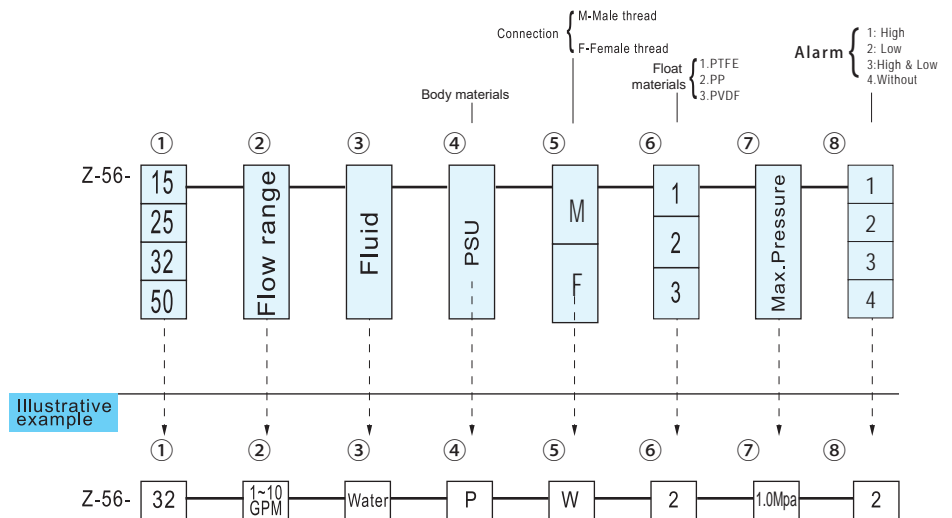
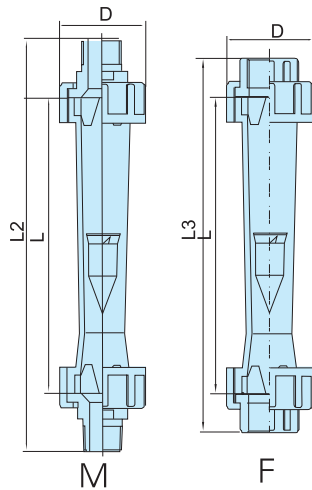
- Injection molded, chemical resistant Polysulfone
- Easy to read scale. Silkscreened with black ink for optimum contrast
- Direct exposure to sunlight is not recommended
- Max working pressure : 1.0Mpa
- Max working temperature: 60°C (120°C is optional)
- Accuracy: +/-5%
- O-ring: Viton(EPDM is optional)
- Standard float : PP (PVDF/PTFE is optional)



| Model | Water | | Male material nylon | Female material nylon | Glue(mm) material PVC |
|--------|----------|--------|------------------------|--------------------------|--------------------------|
| | GPM | LPM | | | |
| Z-5615 | 0.25~2.5 | 1~10 | 3/4"NPT 1/2"NPT | 1/2"NPT 1/2"BSP | ø20 |
| | 0.5~5 | 2~20 | | | |
| | 0.7~7 | 2.5~25 | | | |
| | 1~11 | 4~40 | | | |
| | -- | 3~30 | | | |
| | -- | 6~60 | | | |
| Z-5625 | 1~10 | 4~40 | 3/4"NPT | 3/4"NPT 3/4"BSP | ø32 |
| | 1.2~12 | 5~50 | | | |
| | 1.5~15 | 6~60 | | | |
| | -- | 8~80 | | | |
| Z-5632 | 1.5~15 | 6~60 | 1"NPT | 1"NPT 1"BSP | ø40 |
| | 1.8~18 | 7~70 | | | |
| | 2~20 | 8~80 | | | |
| Z-5650 | 2.5~25 | 10~100 | 2"NPT | 2"NPT 2"BSP | ø63 |
| | 5~50 | 20~200 | | | |
| | 7~70 | 25~250 | | | |
| | 8~80 | 30~300 | | | |
| | -- | 50~500 | | | |
| | -- | 80~800 | | | |

Z-560

How to order



Unit (mm)

| Model | L | D | Male Thread (M) | Female Thread (F) | Weights (KG) |
|--------|-----|-----|--------------------|----------------------|-----------------|
| | | | L2 | L3 | |
| Z-5615 | 170 | 50 | 236 | 216 | 0.4 |
| Z-5625 | 199 | 59 | 281 | 254 | 0.5 |
| Z-5632 | 249 | 72 | 338 | 315 | 1 |
| Z-5650 | 290 | 120 | 400 | 370 | 3 |

Features

- Z-500F series of free standing, female ends
- Low cost of double scale flowmeter
- Union type in line fittings provide ease of installation and maintenance.
- O-rings side engage for positive seals.
- Direct reading scale (GPM-LPM water) is standard. special scales are available.
- Easy to read scale is positioned directly in front of metering tube.
- High/low flow alarm switch (reed type) is rated at 24VDC.
- Working pressure limit: 0.6Mpa
- Working temperature limit: 60°C
- Accuracy: ±5%

Specifications

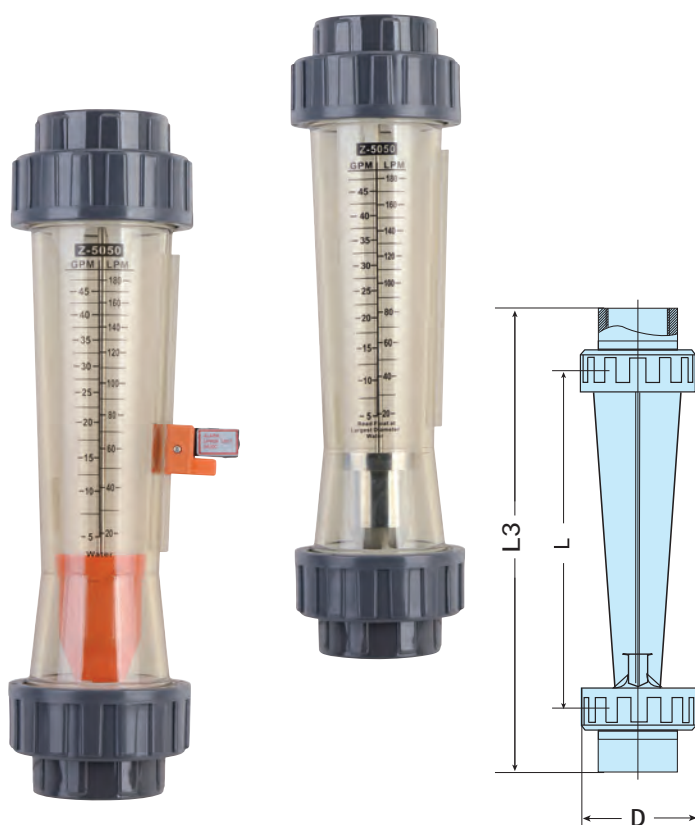
| Model | Water | | Thread (F) |
|--------|----------------------------|-------------------------------|--------------------|
| | (GPM) | (LPM) | |
| Z-5025 | 0.8-8 1-10 | 3-30 4-40 | 3/4"NPT 3/4"BSP |
| Z-5032 | 1.2~12 2-20 2.5-25 | 5-50 8-80 10-100 | 1"NPT 1"BSP |
| Z-5050 | 2.5-25 5-45 7-70 | 10-100 20-180 25-250 | 2"NPT 2"BSP |
| Z-5065 | 25-110 40-160 50-250 | 80-400 150-650 200-1000 | 2½"NPT |

Note: Other flow range is optional as special order.

Sizes

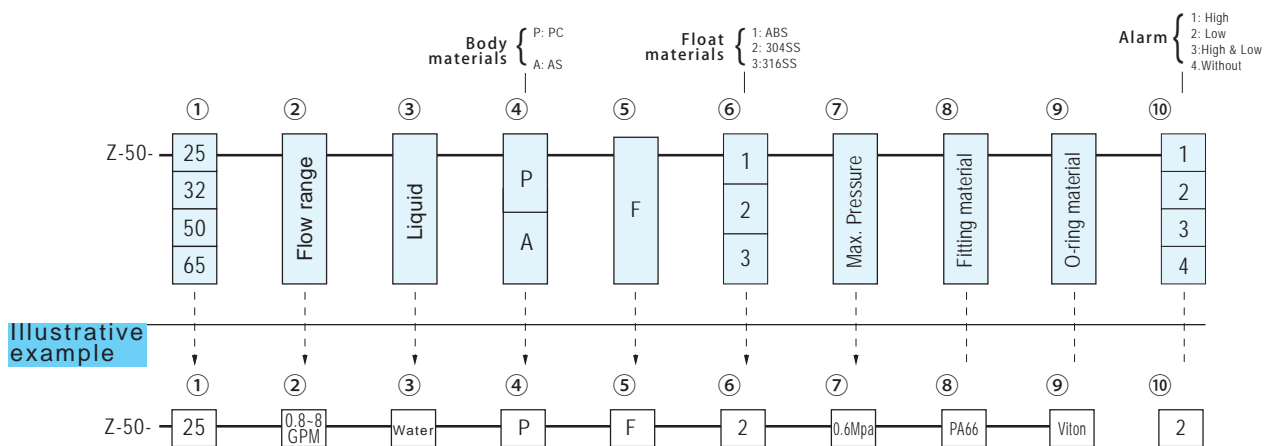
Unit: mm

| Model | L | D | Thread(F) | Weights (KG) |
|--------|-----|-----|-----------|--------------|
| | | | L3 | |
| Z-5025 | 170 | 59 | 228 | 0.4 |
| Z-5032 | 223 | 72 | 287 | 0.65 |
| Z-5050 | 290 | 100 | 370 | 2.5 |
| Z-5065 | 325 | 120 | 423 | 3.5 |



Z-500F

How to order

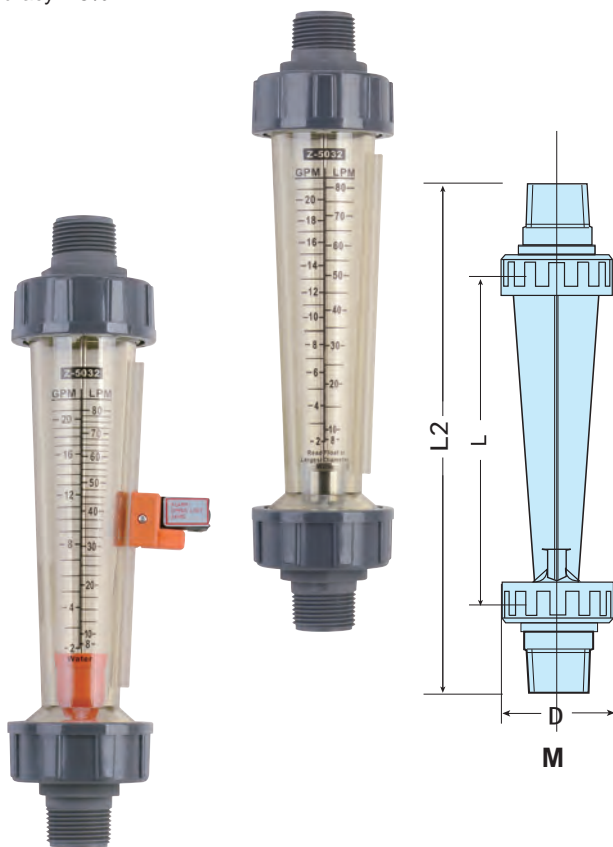


Z-500M_(Male) Series

Plastic Flowmeters

Features

- Z-500M series of free standing, female ends
- Low cost of double scale flowmeter
- Union type in line fittings provide ease of installation and maintenance.
- O-rings side engage for positive seals.
- Direct reading scale(GPM-LPM water)is standard.
special scales are available.
- Easy to read scale is positioned directly in front of metering tube.
- High/low flow alarm switch(reed type) is rated at 24VDC.
- Working pressure limit: 0.6Mpa
- Working temperature limit: 60°C
- Accuracy: ±5%



Specifications

| Model | Water | | Thread (M) |
|---------|----------------------------|----------------------------|----------------------|
| | (GPM) | (LPM) | |
| Z-5008 | 0.1~1 0.2~2 0.5~5 | 0.5~4 1~7 1.8~18 | 1/2" BSP 1/2" NPT |
| Z-5008C | 0.1~1 0.2~2 0.5~5 | 0.5~4 1~7 1.8~18 | 1/2" NPT 3/4" NPT |
| Z-5015 | 0.25~2.5 0.5-5 0.8-8 | 1~10 1.8~18 3~30 | 1/2" NPT 3/4" NPT |
| Z-5025 | 0.8-8 1-10 | 3-30 4-40 | 3/4" NPT |
| Z-5032 | 1.2~12 2-20 2.5-25 | 5-50 8-80 10-100 | 1" NPT |
| Z-5050 | 2.5-25 5-45 7-70 | 10-100 20-180 25-250 | 2" NPT |

Note: Other flow range is optional as special order.
Z-5008/Z-5008C/Z-5015 without alarm switch

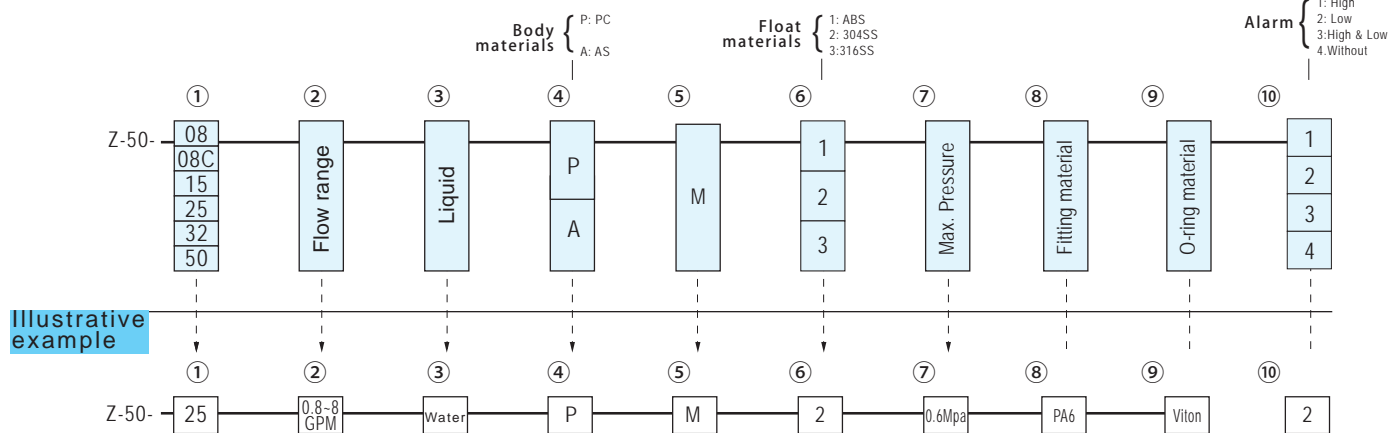
Sizes

Unit: mm

| Model | L | D | Thread(M) | Weights (KG) |
|---------|-----|-----|-----------|--------------|
| | | | L2 | |
| Z-5008 | 99 | 42 | 170 | 0.15 |
| Z-5008C | 160 | 51 | 230 | 0.2 |
| Z-5015 | 135 | 51 | 210 | 0.2 |
| Z-5025 | 170 | 59 | 253 | 0.4 |
| Z-5032 | 223 | 72 | 317 | 0.65 |
| Z-5050 | 290 | 100 | 400 | 2.5 |

Z-500M

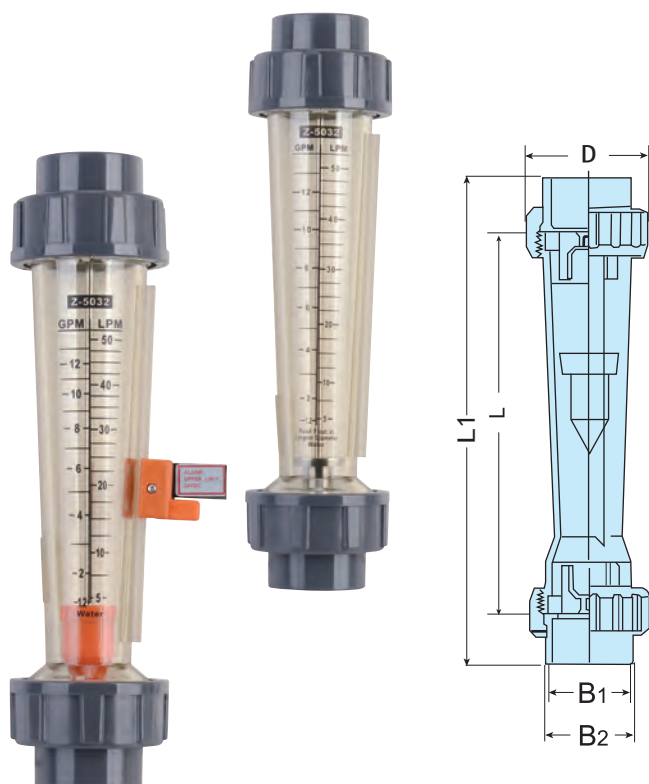
How to order



G

Features

- Z-500G series of free standing, female ends
- Low cost of double scale flowmeter
- Union type in line fittings provide ease of installation and maintenance.
- O-rings side engage for positive seals.
- Direct reading scale(GPM-LPM water)is standard.
special scales are available.
- Easy to read scale is positioned directly in front of metering tube.
- High/low flow alarm switch(reed type) is rated at 24VDC.
- Working pressure limit: 0.6Mpa
- Working temperature limit: 60°C
- Accuracy: ±5%



Specifications

| Model | Water | | Glue(mm) |
|---------|----------------------------|-------------------------------|----------|
| | (GPM) | (LPM) | |
| Z-5008 | 0.1~1 0.2~2 0.5~5 | 0.5~4 1~7 1.8~18 | ø20 |
| Z-5008C | 0.1~1 0.2~2 0.5~5 | 0.5~4 1~7 1.8~18 | ø20 |
| Z-5015 | 0.25~2.5 0.5~5 0.8~8 | 1~10 1.8~18 3~30 | ø20 |
| Z-5025 | 0.8~8 1~10 | 3~30 4~40 | ø32 |
| Z-5032 | 1.2~12 2~20 2.5~25 | 5~50 8~80 10~100 | ø40 |
| Z-5050 | 2.5~25 5~45 7~70 | 10~100 20~180 25~250 | ø63 |
| Z-5065 | 25~110 40~160 50~250 | 80~400 150~650 200~1000 | ø75 |

Note: Other flow range is optional as special order.
Z-5008/Z-5008C/Z-5015 without alarm switch

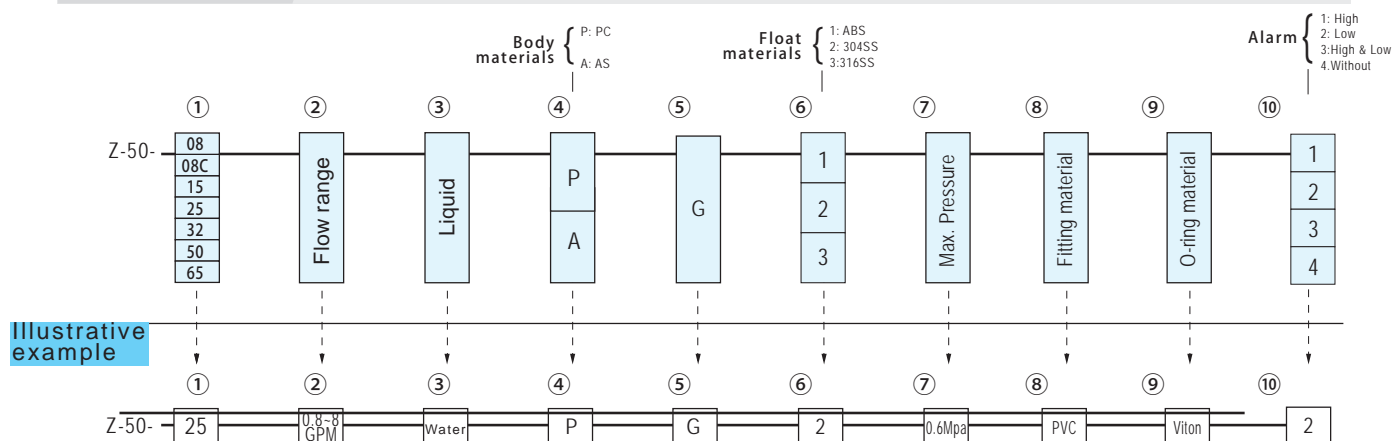
Sizes

Unit: mm

| Model | L | D | Glue | | | Weights (KG) |
|---------|-----|-----|------|----|----|--------------|
| | | | L1 | B1 | B2 | |
| Z-5008 | 99 | 42 | 146 | 20 | 26 | 0.15 |
| Z-5008C | 160 | 51 | 210 | 20 | 26 | 0.2 |
| Z-5015 | 135 | 51 | 180 | 20 | 26 | 0.2 |
| Z-5025 | 170 | 59 | 226 | 32 | 39 | 0.4 |
| Z-5032 | 223 | 72 | 287 | 40 | 49 | 0.65 |
| Z-5050 | 290 | 100 | 375 | 63 | 73 | 2.5 |
| Z-5065 | 325 | 120 | 420 | 75 | 89 | 3.5 |

Z-500G

How to order

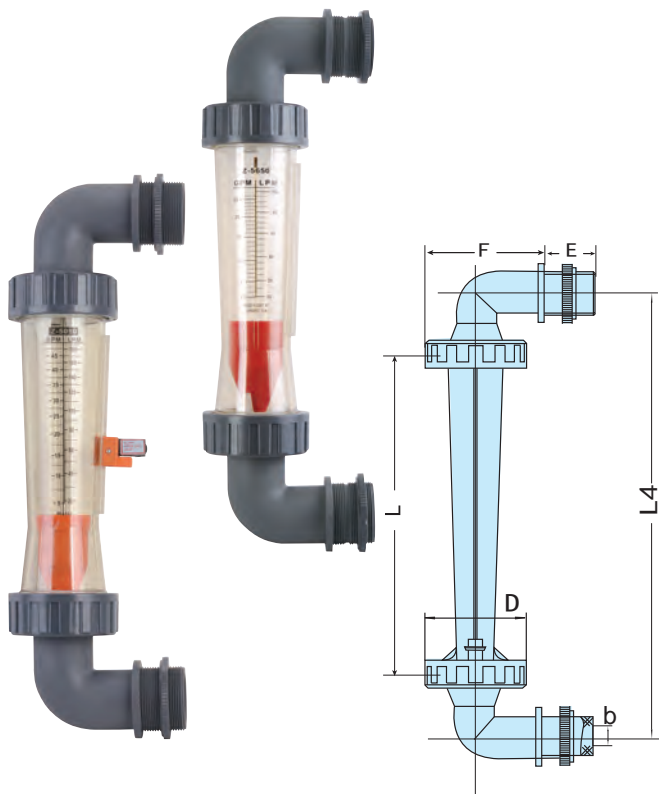


Z-500E(Elbow) Series

Plastic Flowmeters

Features

- Z-500E series of free standing, female ends
- Low cost of double scale flowmeter
- Union type in line fittings provide ease of installation and maintenance.
- O-rings side engage for positive seals.
- Direct reading scale(GPM-LPM water)is standard.
special scales are available.
- Easy to read scale is positioned directly in front of metering tube.
- High/low flow alarm switch(reed type) is rated at 24VDC.
- Working pressure limit: 0.6Mpa
- Working temperature limit: 60°C
- Accuracy: $\pm 5\%$



Specifications

| Model | Water | | Elbow material nylon |
|---------|----------------------------|----------------------------|----------------------|
| | (GPM) | (LPM) | |
| Z-5008 | 0.1~1 0.2~2 0.5~5 | 0.5~4 1~7 1.8~18 | 1/2"NPT 1/2"BSP |
| Z-5008C | 0.1~1 0.2~2 0.5~5 | 0.5~4 1~7 1.8~18 | 1/2"NPT 1/2"BSP |
| Z-5015 | 0.25~2.5 0.5~5 0.8~8 | 1~10 1.8~18 3~30 | 1/2"NPT 1/2"BSP |
| Z-5025 | 0.8~8 1~10 | 3~30 4~40 | 3/4"NPT 3/4"BSP |
| Z-5032 | 1.2~12 2~20 2.5~25 | 5~50 8~80 10~100 | 1"NPT 1"BSP |
| Z-5050 | 2.5~25 5~45 7~70 | 10~100 20~180 25~250 | 2"NPT 2"BSP |

Note: Other flow range is optional as special order.
Z-5008/Z-5008C/Z-5015 without alarm switch

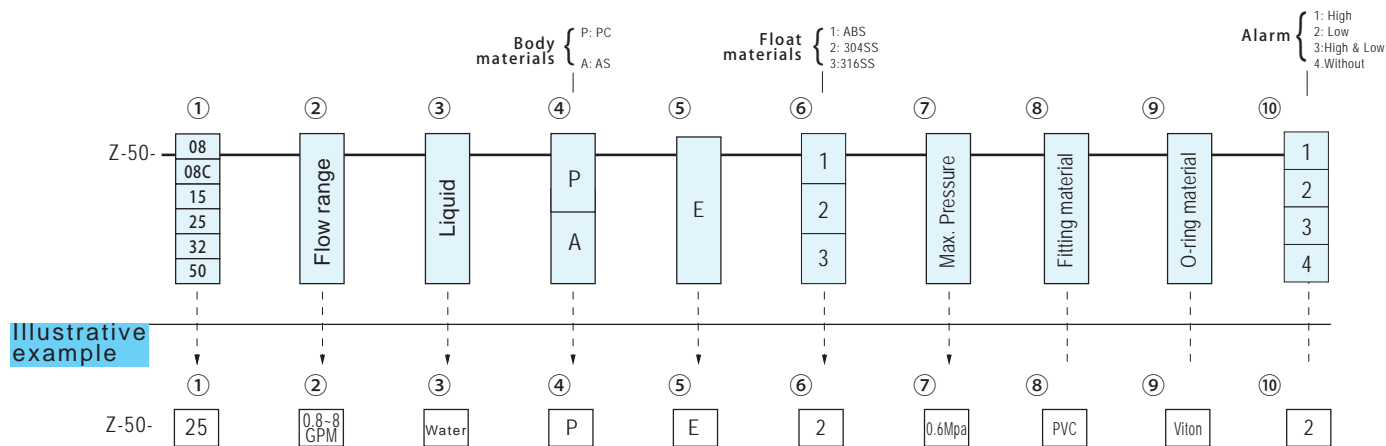
Sizes

Unit: mm

| Model | L | D | Elbow | | | | Weights (KG) |
|---------|-----|-----|-------|----|-----|-----|--------------|
| | | | L4 | E | F | b | |
| Z-5008 | 99 | 42 | 153 | 27 | 55 | ø12 | 0.15 |
| Z-5008C | 160 | 51 | 235 | 27 | 55 | ø13 | 0.2 |
| Z-5015 | 135 | 51 | 205 | 27 | 55 | ø13 | 0.2 |
| Z-5025 | 170 | 59 | 267 | 35 | 83 | ø20 | 0.4 |
| Z-5032 | 223 | 72 | 330 | 40 | 95 | ø26 | 0.65 |
| Z-5050 | 290 | 100 | 440 | 40 | 120 | ø45 | 2.5 |

Z-500E

How to order



G

The series of Z-500V flowmeter is made of PC/AS, the float material is ABS/316SS, the connector material is PVC. The adjustor of flowmeter can adjust the flow volume; there are characteristics such as good transparency, easy to read installation.

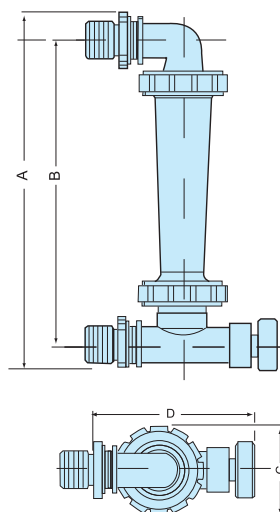
- Temperature Limit:PC(polycarbonate)0~60℃
- Z-5015CV alarm switch is optional

Specifications

| Model | Water | | Male Thread | Accuracy | Weights (KG) |
|----------|--|--|-------------|----------|--------------|
| | GPM | LPM | | | |
| Z-5008V | 0.1~1 0.2~2 0.5~5 -- -- | 0.5~4 1~7 1.8~18 1~11 2~20 | 1/2"NPT | ± 6% | 0.2 |
| Z-5008CV | 0.1~1 0.2~2 0.5~5 -- | 0.5~4 1~7 1.8~18 2~15 | 1/2"NPT | | |
| Z-5015V | 0.25~2.5 0.5~5 0.8~8 | 1~10 1.8~18 3~30 | 1/2"NPT | | |
| Z-5015CV | 10~100, 16~160 L/h 25~250, 40~400 L/h | | 1/2"NPT | | |

Sizes

| Model | A | B | C | D | Thread | Fitting material | Float material |
|----------|-----|-----|----|----|---------|------------------|----------------|
| Z-5008V | 185 | 152 | 42 | 98 | 1/2"NPT | UPVC | 316SS |
| Z-5008CV | 260 | 232 | 51 | 98 | 1/2"NPT | UPVC | 316SS |
| Z-5015V | 235 | 205 | 51 | 98 | 1/2"NPT | UPVC | 316SS |
| Z-5015CV | 270 | 240 | 51 | 98 | 1/2"NPT | UPVC | ABS |

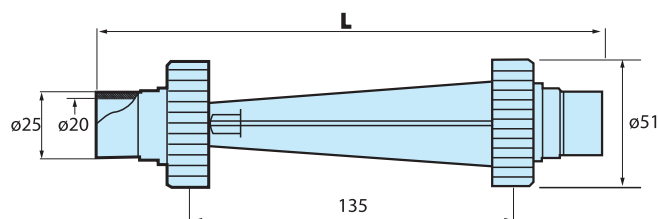


Unit: mm

Z-5010 Series pipeline flowmeter

Specifications

| Model | Water (LPM) | Glue | Thread type |
|--------|-------------|--------------------|----------------------------|
| Z-5011 | 0.2~3 | ø15 L:182mm | NPT1/2"(Female) L:183mm |
| Z-5012 | 0.4~4 | | |
| Z-5013 | 0.6~6 | | |
| Z-5014 | 1~10 | | |
| Z-5015 | 1.6~16 | | NPT 3/4"(Male) L:211mm |
| Z-5016 | 2.5~25 | | |
| Z-5017 | 5.0~50 | | |



LZS Series

Plastic Flowmeters

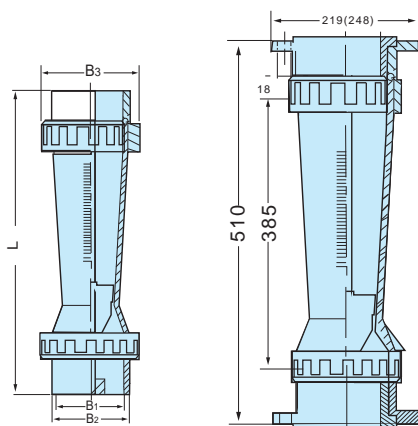
Features

- Injection molded, for clean water
- Easy to read scale. Silkscreened with black ink for optimum contrast
- Direct exposure to sunlight is not recommended
- Max working pressure: 0.6Mpa
- Max temperature :60°C
- Accuracy: +/-5%
- O-ring material: VITON
- Float material: ABS
- Body SAN material(PC is optional)

Specifications

| DN (mm) | Model | Measuring range m³/h | Glue (id) | Male | Female | Elbow |
|---------|------------------------------|---|-----------|---------------------------|---------------------|----------------------|
| 15 | LZS-15 flange is optional | 10~100 L/h 16~160 L/h 25~250 L/h 40~400L/h 60~600 L/h 100~1000 L/h | Ø20 | 1/2"NPT 3/4"NPT | BSP 1/2" | BSP 1/2" NPT 1/2" |
| 25 | LZS-25 flange is optional | 0.1~1 0.16~1.6 0.25~2.5 | Ø32 | 3/4"NPT | BSP 3/4" NPT3/4" | BSP 3/4" NPT 3/4" |
| 32 | LZS-32 flange is optional | 0.4~4 0.6~6 | Ø40 | 1"NPT | BSP 1" NPT1" | BSP1" NPT1" |
| 50 | LZS-50 flange is optional | 0.4~4 0.6~6 1~10 1.6~16 | Ø63 | 2"NPT | BSP 2" NPT 2" | BSP 2" NPT 2" |
| 65 | LZS-65 flange is optional | 5~25 8~40 12~60 | Ø75 | / | NPT 2½" | / |
| 100 | LZS-100 DIN flange | 12~60 18~90 20~120 | Ø110 | Hole distance 180mm 8-Ø18 | | |
| 125 | LZS-125 DIN flange | 12~60 18~90 20~120 | Ø110 | Hole distance 210mm 8-Ø18 | | |
| 150 | LZS-150 DIN flange | 25~150 30~180 | Ø110 | Hole distance 240mm 8-Ø22 | | |

Note: SCH/JIS/BS glue standard is optional ANSI 150#JIS 10K flange is optional



DN: 15~65

DN: 100~150

Sizes

| DN(mm) | (mm) | | | |
|--------|------|---------------------------|----|-----|
| | L | B1 | B2 | B3 |
| 15 | 220 | 20 | 26 | 51 |
| 25 | 230 | 32 | 39 | 60 |
| 32 | 290 | 40 | 49 | 72 |
| 50 | 375 | 63 | 73 | 98 |
| 65 | 420 | 75 | 88 | 122 |
| 100 | 510 | Hole distance 180mm 8-Ø18 | | |
| 125 | 510 | Hole distance 210mm 8-Ø18 | | |
| 150 | 510 | Hole distance 240mm 8-Ø22 | | |

Acrylic Panel Flowmeters

Z-2001T

| Model | Water L/h | Model | Air LPM | Thread (M/BSPT) | Accuracy | Working Pressure | Working temperature °C |
|----------|--------------|----------|------------|--------------------|----------|---------------------|------------------------------|
| Z-2001T1 | 2-20 | Z-2002T1 | 0.1-1 | 1/8" | ± 6% | ≤0.4MPa | ≤ 55 |
| Z-2001T2 | 4-40 | Z-2002T2 | 0.2-2 | | | | |
| Z-2001T3 | 5-50 | Z-2002T3 | 0.5-5 | | | | |
| Z-2001T4 | 6-60 | Z-2002T4 | 1-10 | 1/4" | | | |
| Z-2001T5 | 10-100 | Z-2002T5 | 2-20 | | | | |
| | | Z-2002T6 | 5-50 | | | | |
| | | Z-2002T7 | 10-100 | | | | |

Z-300KT

| Model | Measuring range | | Thread male | Accuracy | Working Pressure | Working temperature °C |
|-------|-----------------|--------|-------------|----------|------------------|------------------------|
| | Water 20 °C | | | | | |
| | GPM | LPM | | | | |
| KT1 | 0.1~1 | 0.5~4 | ZG1/2" | ± 6% | ≤0.4MPa | ≤ 55 |
| KT2 | 0.2~2 | 1~7 | | | | |
| KT3 | 0.5~5 | 2~18 | | | | |
| KT4 | 1~10 | 5~35 | ZG3/4" | | | |
| KT5 | 2~14 | 10~50 | | | | |
| KT6 | 2~20 | 12~70 | ZG1" | | | |
| KT7 | 5~35 | 10~130 | | | | |

Sizes

| Model | (mm) | | | | | | | |
|-----------------|------|----|----|-----|----|----|-----|-----|
| | A | B | C | D | E | F | G | H |
| T1,T2,T3 | 168 | 30 | 34 | 176 | 25 | 25 | 127 | 76 |
| T4,T5, T6,T7 | 226 | 45 | 46 | 232 | 48 | 33 | 165 | 100 |

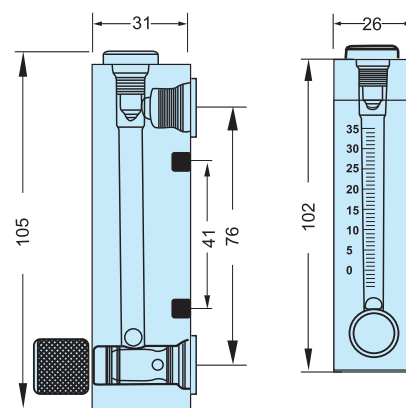
Z-300T

| Model | Measuring range | | Thread (M/BSP) | Accuracy | Working Pressure | Working temperature ℃ |
|---------|-----------------|---------|-------------------|----------|------------------|--------------------------|
| | GPM | LPM | | | | |
| Z-3000T | 0.03~0.35 | 0.1~1.4 | 1/2" | ±6% | ≤0.6MPa | ≤ 55 |
| Z-3001T | 0.2~2 | 1~7 | | | | |
| Z-3002T | 0.5~5 | 1.8~18 | | | | |
| Z-3003T | 2~10 | 5~40 | 3/4" | | | |
| Z-3004T | 2~16 | 10~60 | | | | |

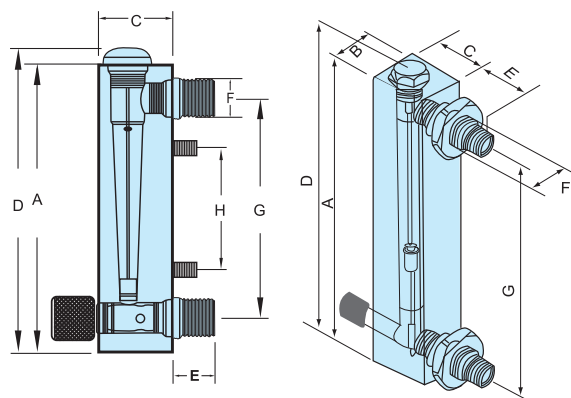
Sizes

| Model | (mm) | | | | | | |
|---------|------|----|----|-----|----|----|-----|
| | A | B | C | D | E | F | G |
| Z-3000T | 206 | 34 | 40 | 215 | 31 | 20 | 165 |
| Z-3001T | | | | | | | |
| Z-3002T | | | | | | | |
| Z-3003T | 220 | 41 | 45 | 233 | 47 | 33 | 165 |
| Z-3004T | | | | | | | |

Note: *The medium of this series flowmeters aren't fit for aromatic hydrocarbon, hydrocarbon oxide, alcohol and other organic solvent.



Z-2001T

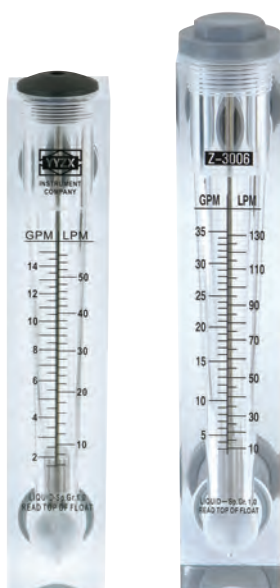


Z-300KT

Z-300T

Z-300/Z-300K Series

Acrylic Panel Flowmeters



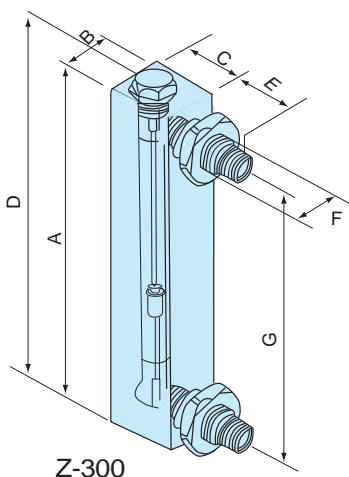
Features

One piece machined and polished acrylic meter body.
Acceptable for outdoor installations (direct sunlight okay)
Bulkhead nuts attach directly to inside panel.
Available adjustable valve (flow control) easy to assemble.

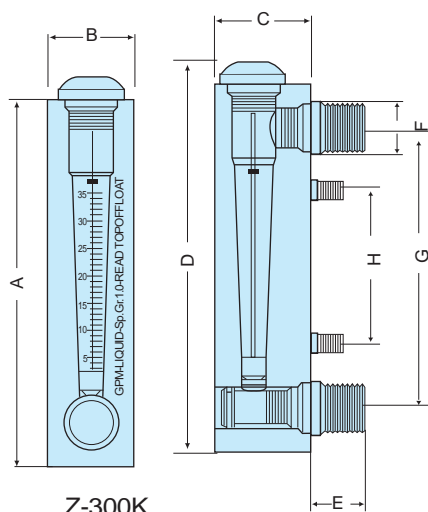
Specifications

Z-300

| Model | Measuring range | | | Thread | Weights (KG) | Working pressure | Accuracy | Working temperature °C |
|---------|-----------------|---------|------------------------|---------|--------------|------------------|----------|------------------------|
| | GPM | LPM | LPH(optional) | | | | | |
| Z-3000A | | | 10~100 | | | | | |
| Z-3000 | 0.03~0.35 | 0.1~1.4 | 25~250 | BSP1/2" | 0.4 | | | |
| Z-3001 | 0.2~2 | 1~7 | 50~500 | | | | | |
| Z-3002 | 0.5~5 | 1.8~18 | 120~1200 | | | | | |
| Z-3003 | 2~10 | 5~40 | 300~2400 | BSP3/4" | 0.6 | ≤ 0.6MPa | ±5% | ≤55 |
| Z-3004 | 2~16 | 10~60 | 500~3500 | | | | | |
| Z-3005 | 4~24 | 20~100 | 600~6000 | BSP1" | 0.7 | | | |
| Z-3006 | 5~35 | 30~130 | 1400~7000 (1500-10000) | | | | | |



Z-300



Z-300K

Sizes

| Model | (mm) | | | | | | |
|--------|------|----|----|-----|----|----|-----|
| | A | B | C | D | E | F | G |
| Z-3000 | | | | | | | |
| Z-3001 | 206 | 34 | 40 | 215 | 31 | 20 | 165 |
| Z-3002 | | | | | | | |
| Z-3003 | 220 | 41 | 45 | 233 | 47 | 33 | 165 |
| Z-3004 | | | | | | | |
| Z-3005 | 240 | 44 | 50 | 253 | 47 | 33 | 175 |
| Z-3006 | | | | | | | |

Z-300K

| Model | Measuring range | | Thread | Weight (kg) | Working pressure | Accuracy | Working temperature °C |
|-------|-----------------|--------|--------|-------------|------------------|----------|------------------------|
| | GPM | LPM | | | | | |
| K1 | 0.1~1 | 0.5~4 | | | | | |
| K2 | 0.2~2 | 1~7 | ZG1/2" | 0.3 | | | |
| K2a | 0.3~3 | 2~11 | | | | | |
| K3 | 0.5~5 | 2~18 | | | | | |
| K4 | 1~10 | 5~35 | | | | | |
| K5 | 2~14 | 10~50 | ZG1" | 0.6 | ≤ 0.6MPa | ±5% | ≤55 |
| K6 | 2~20 | 10~70 | | | | | |
| K7 | 5~35 | 10~130 | | | | | |

Sizes

| Model | | | | (mm) | | | | | | | |
|-------|----|-----|----|------|----|----|-----|----|----|-----|-----|
| | | | | A | B | C | D | E | F | G | H |
| K1 | K2 | K2a | K3 | 168 | 30 | 34 | 176 | 25 | 25 | 127 | 76 |
| K4 | K5 | K6 | K7 | 226 | 45 | 46 | 232 | 48 | 33 | 165 | 100 |

Acrylic Panel Flowmeters

G



Features

- Low cost
- Scales are direct reading for water
- Detachable, clear acrylic scale plate mounts directly on front of metering tube.
- Silk screened printing to enhance readability

Specifications

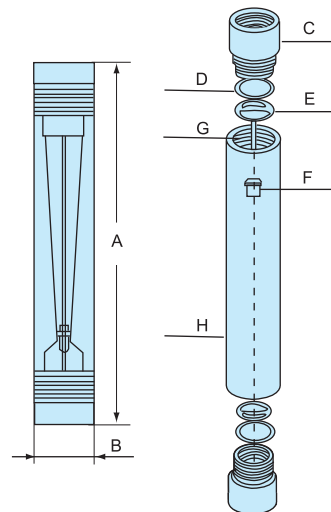
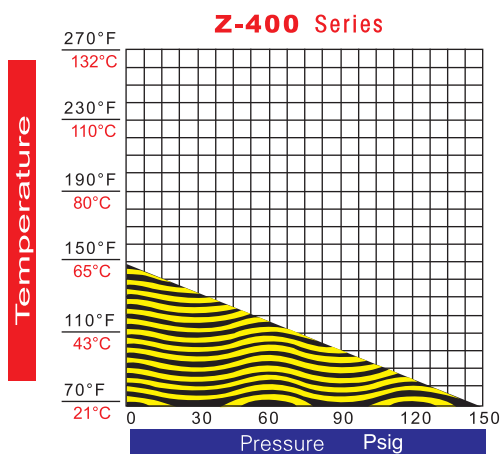
| Model | Measuring range | | | Thread (F/BSP) | Weights (KG) | Working pressure (Mpa) | Accuracy | Working temperature °C |
|--------|-----------------|---------|---------------------------|----------------|--------------|------------------------|----------|------------------------|
| | GPM | LPM | LPH _(optional) | | | | | |
| Z-4001 | 0.2~2 | 1~7 | 50~400 | 1/2" | 0.2 | ≤0.6 | ±6% | ≤55℃ |
| Z-4002 | 0.5~5 | 1.8~18 | 100~1000 | 1/2" | | | | |
| Z-4003 | 1~10 | 4~36 | 250~2400 | 3/4" | | | | |
| Z-4004 | 2~20 | 10~70 | 500~4000 | 1" | 0.65 | | | |
| Z-4005 | 5~30 | 20~110 | 1000~6000 | 1" | | | | |
| Z-4006 | 20~60 | 80~220 | 4000~13000 | 1½" male | | | | |
| Z-4007 | 30~110 | 100~400 | 6000~25000 | 2" | 1.4 | | | |
| Z-4008 | 50~150 | 180~600 | 12000~35000 | 2" | | | | |
| Z-4009 | 60~200 | 200~800 | 12000~50000 | 2" | | | | |

Note: NPT standard is optional of 304SS fittings.

Sizes

Unit: mm

| Model | Z-4001 | Z-4002 | Z-4003 | Z-4004 | Z-4005 | Z-4006 | Z-4007 | Z-4008 | Z-4009 |
|-------|---|--------|--------|--------|--------|------------------------|--------|--------|--------|
| A | 210 | 210 | 278 | 265 | 265 | 306 | 345 | 345 | 345 |
| B | 32 | 32 | 45 | 51 | 51 | 51 | 75 | 75 | 75 |
| C | Joint (PP) or 1Cr18Ni9Ti(304SS) | | | | | | | | |
| D | O-ring(Silicon rubber or fluoro rubber) | | | | | O-ring(Nitrile rubber) | | | |
| E | Blocking ring (ABS) | | | | | 101 (Nylon) | | | |
| F | Float 1Cr18Ni9Ti(304SS) | | | | | | | | |
| G | Guide rod (304SS) | | | | | | | | |
| H | Body(Acrylic) | | | | | | | | |



KF951/KF952 Series

Alarm Switch

KF951: High limit

KF952: Low limit

Spare part of KF951/952 is optional of Z-500,Z-500T,Z-6000,K-500,LZS,Z-560,FA40S series flowmeter

Dependable Measurement

KF951 and KF952 can be installed on the pipeline flowmeters, can be alarmed in any position,easy to installation,dependable,especially to add install it to the equipment.

KF951 and KF952 can be alarmed in any position.When the float reach up or over to settle position for the flow,it will put out signal,then contact point will be closed.

Supply And Function

KF951, High limit

When magnetic float reach up or over to the settle position,the contact point will be closed.and when magnetic float lower than settle position,contact position will be cut off.

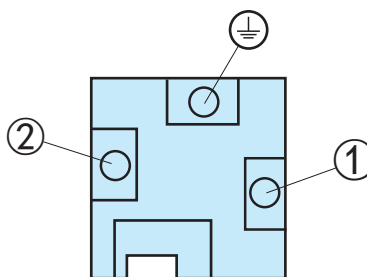
KF952,Low limit

When magnetic float reach up or lower than settle position,contact point will be closed.when magnetic float over than settle position,contact point will be cut off.



Technical Parameter

- Working Pressure: max.DC24/AC24
- Operating Current: max.0.3A
- Permanent Current: max.DC0.1A
- Rupturing Cnpacity: max.1VA
- Forward Resitance: < 200mΩ
- Insulating Impedance: >10⁹Ω
- Working Temperature: 0°C ~ +55°C
- Protection Grade: IP65
- Lag Behind: 4mm
- Sizes: 45x20x45



WIRING DIAGRAM

Notes: it musts less than operating current or rupturing capacity.Hence,if use for power circuit,it needs avoid overload.

Z-7000 Series

Polycarbonate Panel Flowmeters

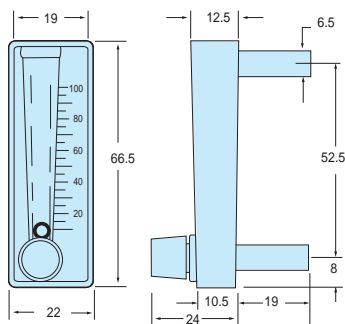
Z-7000 series flowmeter is used in small air flow and liquids, with good shape, easy to install, wash and replace spare parts. Body is PC (polycarbonate), valve is optional.

Flowmeter line of direct reading precision flowmeters incorporates many unique user features at moderate cost. These low cost flowmeters are ideal for general use.

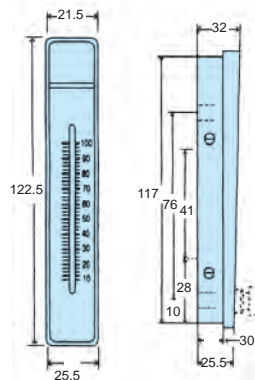
Easy to read design—the direct reading scales eliminate troublesome conversions. The scales are PC stickers. Special integral flow guides stabilize the float throughout the range to keep it from hunting or wandering in the bore. The float is highly visible against a white background.

Construction assures accuracy—All rate flowmeter bodies are injection molded of tough, clear, shatter-proof polycarbonate plastic around a precision tapered pin. The result is accurate and repeatable readings. The single piece plastic body is mounted to a stainless steel back bone into which pipe thread inserts are welded to absorb piping torque. Precision metering valves of brass or stainless steel.

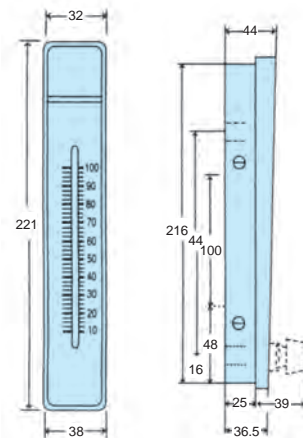
Installation is simple—the flowmeter can be neatly panel mounted to keep flow tube centers in the same plane as the panel surface or surface mounted on the automatically positions the instrument at the correct depth in the panel cutout. Surface mounted units can also be held in place by the piping.



Z-7001



Z-7002



Z-7003

Specifications

| Model | Measuring range | | Accuracy | Working pressure | Temp. | Connection |
|--------|--------------------------------|---|----------|------------------|-----------|------------|
| | Water L/min | Air L/min | | | | |
| Z-7001 | 0.1~1.1 0.25~2.5 0.3~3.5 | 0.05~0.5 0.1~1 0.5~5 2.5~25 5~50 | ±5% | ≤0.6MPa | 0 ~ +60°C | Ø6 |
| Z-7002 | 0.3~1.5 1~2 0.5~3 | 0.5~5 1~10 5~25 5~50 7~70 10~100 | | | | 1/8 PT |
| Z-7003 | 1~4 1~7 1~9 | 10~100 20~140 20~200 30~300 | | | | 1/4 PT |