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Flow

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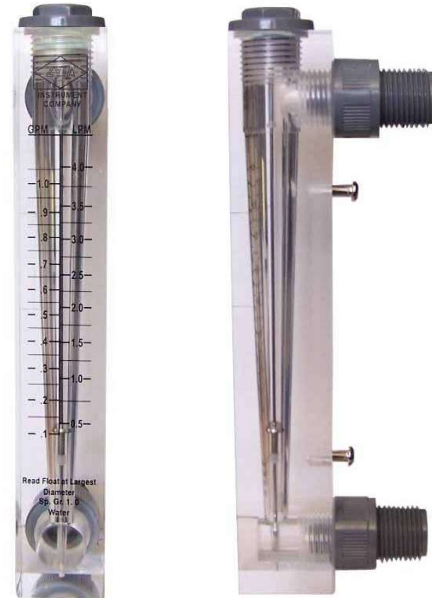
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LZM Series Panel Mounting Rotameters

Standard Features:

- Constructed of Stainless Steel, Acrylic & ABS
- Dual Scales in Litres & Gallons Per Minute
- Maximum Working Pressure 10 Bar
- Maximum Temperature 60°C
- BSP Pipe Threads
- Suitable for Water & Compatible Liquids with an SG of 1
- 12 Month Warranty*



Models:

Model	Flow Rate	Dimensions HxWxD mm	Connections inch
LZM15-4	0.5 to 4 l/m	220 x 32 x 38	1/2 BSP
LZM15-8	0.8 to 8 l/m	220 x 32 x 38	1/2 BSP
LZM15-11	1 to 11 l/m	220 x 32 x 38	1/2 BSP
LZM15-18	2 to 18 l/m	220 x 32 x 38	1/2 BSP
LZM15-28	2 to 28 l/m	220 x 32 x 38	1/2 BSP
LZM20-40	8 to 40 l/m	233 x 39 x 44	3/4 BSP
LZM20-60	8 to 60 l/m	233 x 39 x 44	3/4 BSP
LZM20-80	8 to 80 l/m	233 x 39 x 44	3/4 BSP
LZM25-60	6 to 60 l/m	250 x 45 x 50	1 BSPT male
LZM25-170	20 to 170 l/m	250 x 45 x 50	1 BSPT male

Options:

Smaller and larger sizes, alternative flow ranges and alternative materials are available on request.

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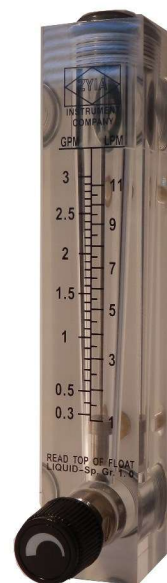
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LZM-T Series

Panel Mounting Rotameters with Flow Control

Standard Features:

- Built-in Flow Control Valve
- Constructed Metal, Acrylic & ABS
- Dual Scales in Litres & Gallons Per Minute
- Maximum Working Pressure 10 Bar
- Maximum Temperature 60°C
- BSP Pipe Threads
- Suitable for Water & Compatible Liquids with an SG of 1
- 12 Month Warranty*



Models:

Model	Flow Rate	Dimensions HxWxD mm	Connections inch
LZM4T-60	6 to 60 ml/m	94 x 27 x 21	6mm tube
LZM8T-25	2.5 to 25 l/h	110 x 25 x 25	1/4 BSP
LZM8T-45	5 to 45 l/h	110 x 25 x 25	1/4 BSP
LZM8T-60	6 to 60 l/h	110 x 25 x 25	1/4 BSP
LZM15ZT-100	10-100 l/h	175 x 35 x 32	1/2 BSP
LZM15ZT-160	16-160 l/h	175 x 35 x 32	1/2 BSP
LZM15ZT-4	0.5 to 4 l/m	175 x 35 x 32	1/2 BSP
LZM15ZT-7	0.7 to 7 l/m	175 x 35 x 32	1/2 BSP
LZM15ZT-11	1 to 11 l/m	175 x 35 x 32	1/2 BSP
LZM15ZT-18	2 to 18 l/m	175 x 35 x 32	1/2 BSP
LZM20T-40	8 to 40 l/m	233 x 39 x 44	3/4 BSP
LZM25ZT-60	6 to 60 l/m	234 x 45 x 46	1 BSP
LZM25ZT-170	17 to 170 l/m	234 x 45 x 46	1 BSP

Options:

Smaller and larger sizes, alternative flow ranges and alternative materials are available on request. Available with stainless steel valve on request.

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LZM-SW Series

Panel Mounting Rotameters with Alarm Limit Switch

Standard Features:

- Available with Low and/or High Flow Limit Switches
- Constructed of Stainless Steel, Acrylic & ABS
- Dual Scales in Litres & Gallons Per Minute
- Maximum Working Pressure 10 Bar
- Maximum Temperature 60°C
- BSP Pipe Threads
- Suitable for Water & Compatible Liquids with an SG of 1
- 12 Month Warranty*



Models:

Model	Flow Rate	Dimensions HxWxD mm	Connections Inch
LZM25-35SW	5 to 35 l/m	250 x 45 x 50	1 BSP
LZM25-50SW	10 to 50 l/m	250 x 45 x 50	1 BSP
LZM25-60SW	6 to 60 l/m	250 x 45 x 50	1 BSP
LZM25-100SW	10 to 100 l/m	250 x 45 x 50	1 BSP
LZM25-130SW	10 to 130 l/m	250 x 45 x 50	1 BSP
LZM25-170SW	10 to 170 l/m	250 x 45 x 50	1 BSP

Options:

Smaller and larger sizes, alternative flow ranges and alternative materials are available on request.

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LZM-G Series

In-Line Rotameters

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Standard Features:

- Constructed of Stainless Steel, Acrylic & ABS
- Dual Scales in Litres & Gallons Per Minute
- Maximum Working Pressure 10 Bar
- Maximum Temperature 60°C
- BSP Pipe Threads
- Suitable for Water & Compatible Liquids with an SG of 1
- 12 Month Warranty*



Models:

Model	Flow Rate	Dimensions HxØ mm	Connections inch
LZM10G-45	5 to 45 l/h	187 x 22	1/2 BSP
LZM10G-60	6 to 60 l/h	187 x 22	1/2 BSP
LZM15G-4	0.4 to 4 l/m	210 x 32	1/2 BSP
LZM15G-7	0.7 to 7 l/m	210 x 32	1/2 BSP
LZM15G-18	1.8 to 18 l/m	210 x 32	1/2 BSP
LZM20G-36	4 to 36 l/m	278 x 44	3/4 BSP
LZM25G-70	10 to 70 l/m	265 x 51	1 BSP
LZM40G-170	20 to 170 l/m	306 x 51	1-1/2 BSP
LZM40G-220	80 to 220 l/m	306 x 51	1-1/2 BSP
LZM50G-300	80 to 300 l/m	380 x 75	2 BSP
LZM50G-450	150 to 450 l/m	380 x 75	2 BSP
LZM50G-750	220 to 750 l/m	380 x 75	2 BSP

Options:

Smaller and larger sizes, alternative flow ranges and alternative materials are available on request.

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LZS Series

In-Line Rotameter

Standard Features:

- Tapered Tube is Chemical Resistant AS Plastic
- Float is ABS
- Guide is 316SS, PTFE on request
- End Connections are PVC, ABS on request
- Union Connections for Easy Disassembly & Cleaning
- Accuracy $\pm 4\%$
- Temperature Range 0-60°C
- Pressure Maximum 6 Bar
- 12 Month Warranty*



Models:

Model	Flow Rate	Dimensions H x nominal Ø mm	Connections Inch
LZS15D-50	5 to 50 l/h	202 x 15	1/2 BSP
LZS15D-100	10 to 100 l/h	202 x 15	1/2 BSP
LZS15D-250	25 to 250 l/h	202 x 15	1/2 BSP
LZS15D-500	50 to 500 l/h	202 x 15	1/2 BSP
LZS15D-1000	100 to 1000 l/h	202 x 15	1/2 BSP
LZS25D-1000	100 to 1000 l/h	226 x 25	3/4 BSP
LZS25D-1600	160 to 1600 l/h	226 x 25	3/4 BSP
LZS25D-2500	250 to 2500 l/h	226 x 25	3/4 BSP
LZS32D-6	0.6 to 6 m ³ /h	288 x 32	1 BSP
LZS50D-16	1.6 to 16 m ³ /h	341 x 50	1-1/2 BSP
LZS65D-40	4 to 40 m ³ /h	430 x 65	2 BSP
LZS65D-60	6 to 60 m ³ /h	430 x 65	2 BSP
LZS100D-120	12 to 120 m ³ /h	550 x 100	Flange

Options:

D=short type with float guide. Also available in long version without guide.

Available with flange connections.

Body available in polysulphone, fittings available in PVC, floats available in SS for higher temperatures.

Available up to DN150 and flowrates to 200 m³/h.

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LZS-SW Series

In-Line Rotameter with Alarm Limit Switches

Standard Features:

- Tapered Tube is Chemical Resistant AS Plastic
- Float is ABS
- Guide is 316SS, PTFE on request
- End Connections are PVC, ABS on request
- Union Connections for Easy Disassembly & Cleaning
- Accuracy $\pm 4\%$
- Temperature Range 0-60°C
- Pressure Maximum 6 Bar
- 12 Month Warranty*



Models:

Model	Flow Rate	Dimensions H x nominal Ø mm	Connections inch
LZS15D-50SW	5 to 50 l/h	202 x 15	1/2 BSP
LZS15D-100SW	10 to 100 l/h	202 x 15	1/2 BSP
LZS15D-250SW	25 to 250 l/h	202 x 15	1/2 BSP
LZS15D-500SW	50 to 500 l/h	202 x 15	1/2 BSP
LZS15D-1000SW	100 to 1000 l/h	202 x 15	1/2 BSP
LZS25D-1000SW	100 to 1000 l/h	226 x 25	3/4 BSP
LZS25D-1600SW	160 to 1600 l/h	226 x 25	3/4 BSP
LZS25D-2500SW	250 to 2500 l/h	226 x 25	3/4 BSP
LZS32D-6SW	0.6 to 6 m ³ /h	288 x 32	1 BSP
LZS50D-16SW	1.6 to 16 m ³ /h	341 x 50	1-1/2 BSP

Options:

D=short type with float guide. Also available in long version without guide.

Available with flange connections.

Body available in polysulphone, fittings available in PVC, floats available in SS for higher temperatures.

Available up to DN150 and flowrates to 200 m³/h.

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EMEC Pulse Output Water Meters

Standard Features:

- Brass Body - 15 to 40mm
- Epoxy Coated Cast Iron Body - 50mm
- Union Connections
- Reed Switch for Pulse Output
- BNC Connector, for Direct Connection to EMEC Pumps
- 12 Month Warranty*



Models:

CATFI Cold Water Meters with Dry Dial

Maximum Temperature 30°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m³/h	Maximum Flow Rate m³/h	Minimum Flow Rate l/h	Lowest Reading Unit litres	Fittings inch	Size LxWxH
CATFI15	15	1.5	3	10	0.01	1/2	110 x 80 x 110
CATFI20	20	2.5	5	15	0.01	3/4	130 x 80 x 110
CATFI25	25	3.5	7	20	0.1	1	160 x 100 x 132
CATFI30	30	5	10	20	0.1	1-1/4	180 x 100 x 132
CATFI40	40	10	20	25	0.1	1-1/2	200 x 110 x 137
CATFI50	50	15	30	50	0.5	2	300 x 108 x 131

CATCI Hot Water Meters with Dry Dial

Maximum Temperature 90°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m³/h	Maximum Flow Rate m³/h	Minimum Flow Rate l/h	Lowest Reading Unit litres	Fittings inch	Size LxWxH
CATCI15	15	1.5	3	10	0.01	1/2	110 x 80 x 110
CATCI20	20	2.5	5	15	0.01	3/4	130 x 80 x 110
CATCI25	25	3.5	7	20	0.1	1	160 x 100 x 132
CATCI30	30	5	10	20	0.1	1-1/4	180 x 100 x 132
CATCI40	40	10	20	25	0.1	1-1/2	200 x 110 x 137
CATCI50	50	15	30	50	0.5	2	300 x 108 x 131

Options:

Pulse output for CATFI, CATCI: 0.25, 0.5, 1, 2.5, 5, 10, 25, 50, 100, 250, 500, 1000 l/pulse.
All Water Meters come with 2.5m cable standard. Longer cable available on request.

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EMEC Pulse Output Water Meters

Standard Features:

- Teflon Coated Brass Body
- Union Connections
- Reed Switch for Pulse Output
- BNC Connector for Direct Connection to EMEC Pumps
- 12 Month Warranty*



Models:

CATFIT Cold Water Meters with Dry Dial and Internal & External Teflon Coating

Maximum Temperature 30°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m ³ /h	Maximum Flow Rate m ³ /h	Minimum Flow Rate l/h	Lowest Reading Unit litres	Max Pressure Bar	Size LxWxH
CATFIT15	15	1.5	3	10	0.01	16	110 x 80 x 110
CATFIT20	20	2.5	5	15	0.01	16	130 x 80 x 110
CATFIT25	25	3.5	7	20	0.1	16	160 x 100 x 132
CATFIT30	30	5	10	20	0.1	16	180 x 100 x 132
CATFIT40	40	10	20	25	0.1	16	200 x 110 x 137

CATCIT Hot Water Meters with Dry Dial and Internal & External Teflon Coating

Maximum Temperature 90°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m ³ /h	Maximum Flow Rate m ³ /h	Minimum Flow Rate l/h	Lowest Reading Unit litres	Max Pressure Bar	Size LxWxH
CATCIT15	15	1.5	3	10	0.01	16	110 x 80 x 110
CATCIT20	20	2.5	5	15	0.01	16	130 x 80 x 110
CATCIT25	25	3.5	7	20	0.1	16	160 x 100 x 132
CATCIT30	30	5	10	20	0.1	16	180 x 100 x 132
CATCIT40	40	10	20	25	0.1	16	200 x 110 x 137

Options:

Pulse output for CATFIT, CATCIT: 1, 10 or 100 l/pulse. Others available on request.
All Water Meters come with 2.5m cable standard. Longer cable available on request.

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EMEC Flanged Pulse Output Water Meters

Standard Features:

- Epoxy Coated Cast Iron Body
- Flange Connection
- Reed Switch for Pulse Output
- BNC plug for Direct Connection to EMEC Pumps
- 12 Month Warranty*



Models:

CWFA Flanged Cold Water Meters with Dry Dial

Maximum Temperature 60°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m³/h	Maximum Flow Rate m³/h	Minimum Flow Rate m³/h	Lowest Reading Unit litres	Flange inch	Size LxWxH
CWFA50	50	15	100	0.3	1	2	200 x 165 x 214
CWFA65	65	25	100	0.4	1	2-1/2	200 x 185 x 228
CWFA80	80	40	170	0.4	1	3	230 x 200 x 234
CWFA100	100	60	300	0.6	10	4	250 x 200 x 250
CWFA150	150	150	410	1.0	10	6	300 x 283 x 310
CWFA200	200	250	730	2	100	8	350 x 340 x 338
CWFA250	250	400	1400	6	100	10	450 x 406 x 438

CWCA Flanged Hot Water Meters with Dry Dial

Maximum Temperature 130°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m³/h	Maximum Flow Rate m³/h	Minimum Flow Rate m³/h	Lowest Reading Unit litres	Flange inch	Size LxWxH
CWCA50	50	15	100	0.3	1	2	200 x 165 x 214
CWCA65	65	25	100	0.4	1	2-1/2	200 x 185 x 228
CWCA80	80	40	170	0.4	1	3	230 x 200 x 234
CWCA100	100	60	300	0.6	10	4	250 x 200 x 250
CWCA150	150	150	410	1.0	10	6	300 x 283 x 310

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EMEC Flanged Pulse Output Water Meters

Standard Features:

- Teflon Coated Cast Iron Body
- Flange Connection
- Reed Switch for Pulse Output
- BNC Plug, for Direct Connection to EMEC Pumps
- 12 Month Warranty*



Models:

CWFAT Flanged Cold Water Meters with Dry Dial & Internal/External Teflon Coating Maximum Temperature 60°C, 16 Bar

Model	Nominal Diameter mm	Nominal Flow Rate m ³ /h	Maximum Flow Rate m ³ /h	Minimum Flow Rate m ³ /h	Lowest Reading Unit litres	Flange inch	Size LxWxH
CWFAT50	50	15	100	0.3	1	2	200 x 165 x 214
CWFAT65	65	25	100	0.4	1	2-1/2	200 x 185 x 228
CWFAT80	80	40	170	0.4	1	3	230 x 200 x 234
CWFAT100	100	60	300	0.6	10	4	250 x 200 x 250

Options:

Pulse Output Options:

250, 500, 1000 litres per pulse. Others on request.

EMEC KDPV Connection Kit

Model	Description
KDPV	Connection kit to control two proportional pumps with one pulse emitter water meter, cable BNC/BNC 1m.

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Insertion Flow Switch

Paddle Type Flow Switch

Standard Features:

- Maximum Working Pressure 10 Bar
- Maximum Temperature 100°C
- BSP Thread Connection
- For Pipe from 1 to 6 inch Diameter
- Suitable for Water & Compatible Liquids
- Available in Brass or Stainless Steel
- N/O and N/C contact 250VAC 3A
- 12 Month Warranty*



Models:

Model	Flow Rate l/m	Material	Connections Inch
HFS20B	20 - 1800	Brass	3/4 BSP
HFS15S	20 - 1800	Stainless Steel	1/2 BSP

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