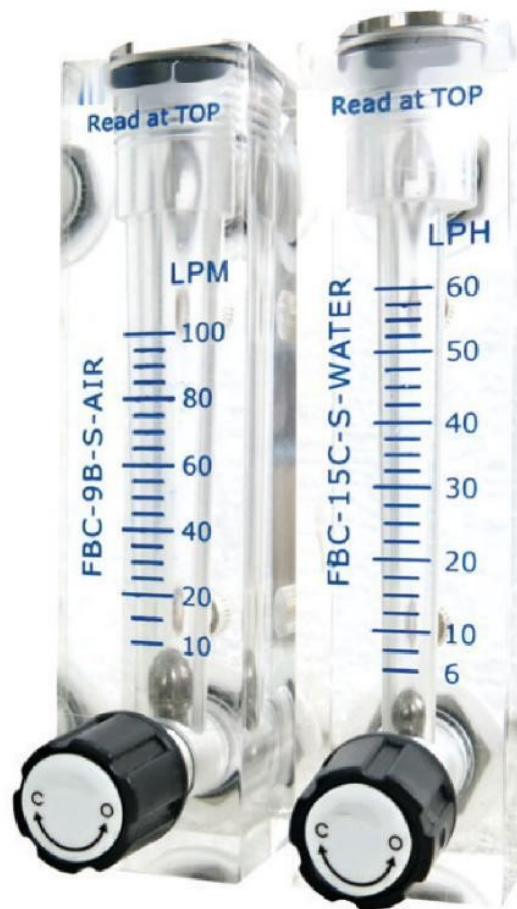


## ACRYLIC PLASTIC FLOW METER

AI.FBC Series



**EAC**

## TECHNICAL DATA

**Service:** gas & liquid

**Wetted parts material:** Body - Acrylic Plastic

O-ring - NBR (standard), Viton on request

Float - SS316, Glass, POM Plastic

**Valve material:** SS316

**Connection material:** SS316

**Connection size:** 1/8" NPT female

**Temperature & pressure limits:** 150 psig (10bar) @ 100°F (38°C)

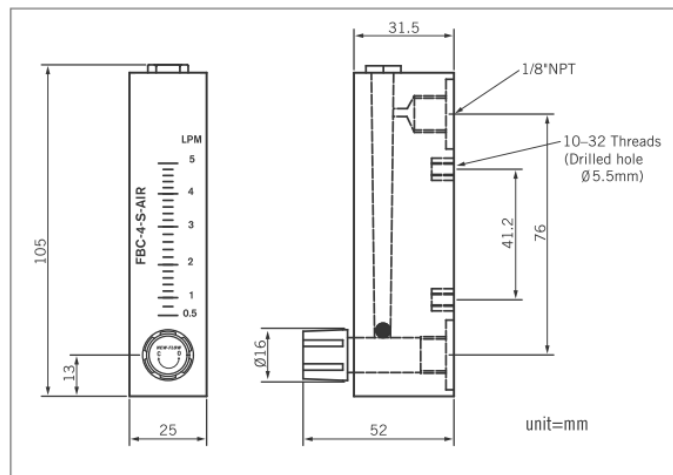
**Temperature limit:** -24°C / +54°C

**Accuracy:** 3% full scale

**Mounting:** vertical position

**Weight:** 0.12 kg

## DIMENSIONS



## RANGE TABLE & ORDERING INFORMATION

### A. Fluid Type: Water

| Item | Flow Range | Float Material | Flow Unit                 | Needle Valve | Ordering Code    |
|------|------------|----------------|---------------------------|--------------|------------------|
| 1    | 5~50       | SS316          | cc/min, cc per Minute     | with         | FBC-V-S-W-50-C   |
|      |            |                |                           | without      | FBC-N-S-W-50-C   |
| 2    | 10~100     | SS316          | cc/min, cc per Minute     | with         | FBC-V-S-W-100-C  |
|      |            |                |                           | without      | FBC-N-S-W-100-C  |
| 3    | 25~250     | SS316          | cc/min, cc per Minute     | with         | FBC-V-S-W-250-C  |
|      |            |                |                           | without      | FBC-N-S-W-250-C  |
| 4    | 100~1000   | SS316          | cc/min, cc per Minute     | with         | FBC-V-S-W-1000-C |
|      |            |                |                           | without      | FBC-N-S-W-1000-C |
| 5    | 0.1~1      | SS316          | LPH, Litter per Hour      | with         | FBC-V-S-W-1-LH   |
|      |            |                |                           | without      | FBC-N-S-W-1-LH   |
| 6    | 0.5~5      | SS316          | LPH, Litter per Hour      | with         | FBC-V-S-W-5-LH   |
|      |            |                |                           | without      | FBC-N-S-W-5-LH   |
| 7    | 1.5~15     | SS316          | LPH, Litter per Hour      | with         | FBC-V-S-W-15-LH  |
|      |            |                |                           | without      | FBC-N-S-W-15-LH  |
| 8    | 3~30       | SS316          | LPH, Litter per Hour      | with         | FBC-V-S-W-30-LH  |
|      |            |                |                           | without      | FBC-N-S-W-30-LH  |
| 9    | 6~60       | SS316          | LPH, Litter per Hour      | with         | FBC-V-S-W-60-LH  |
|      |            |                |                           | without      | FBC-N-S-W-60-LH  |
| 10   | 10~100     | SS316          | LPH, Litter per Hour      | with         | FBC-V-S-W-100-LH |
|      |            |                |                           | without      | FBC-N-S-W-100-LH |
| 11   | 1.5~15     | SS316          | GPH, Gallon (us) per Hour | with         | FBC-V-S-W-15-GH  |
|      |            |                |                           | without      | FBC-N-S-W-15-GH  |
| 12   | 2.5~25     | SS316          | GPH, Gallon (us) per Hour | with         | FBC-V-S-W-25-GH  |
|      |            |                |                           | without      | FBC-N-S-W-25-GH  |

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Le caratteristiche dichiarate possono cambiare senza alcun preavviso

## B. Fluid Type: Air

| Item | Flow Range | Float Material | Flow Unit                                       | Needle Valve | Ordering Code    |
|------|------------|----------------|-------------------------------------------------|--------------|------------------|
| 1    | 60~300     | Glass          | cc/min, Normal cc per Minute                    | with         | FBC-V-G-A-300-C  |
|      |            |                |                                                 | without      | FBC-N-G-A-300-C  |
| 2    | 80~450     | POM, Plastic   | cc/min, Normal cc per Minute                    | with         | FBC-V-P-A-450-C  |
|      |            |                |                                                 | without      | FBC-N-P-A-450-C  |
| 3    | 100~1000   | Glass          | cc/min, Normal cc per Minute                    | with         | FBC-V-G-A-1000-C |
|      |            |                |                                                 | without      | FBC-N-G-A-1000-C |
| 4    | 0.1~1      | Glass          | LPM, Normal Litter per Minute                   | with         | FBC-V-G-A-1-LM   |
|      |            |                |                                                 | without      | FBC-N-G-A-1-LM   |
| 5    | 0.2~2.0    | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-2-LM   |
|      |            |                |                                                 | without      | FBC-N-S-A-2-LM   |
| 6    | 0.5~5      | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-5-LM   |
|      |            |                |                                                 | without      | FBC-N-S-A-5-LM   |
| 7    | 1~10       | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-10-LM  |
|      |            |                |                                                 | without      | FBC-N-S-A-10-LM  |
| 8    | 2~20       | POM, Plastic   | LPM, Normal Litter per Minute                   | with         | FBC-V-P-A-20-LM  |
|      |            |                |                                                 | without      | FBC-N-P-A-20-LM  |
| 9    | 2.5~25     | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-25-LM  |
|      |            |                |                                                 | without      | FBC-N-S-A-25-LM  |
| 10   | 4~40       | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-40-LM  |
|      |            |                |                                                 | without      | FBC-N-S-A-40-LM  |
| 11   | 5~50       | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-50-LM  |
|      |            |                |                                                 | without      | FBC-N-S-A-50-LM  |
| 12   | 8~80       | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-80-LM  |
|      |            |                |                                                 | without      | FBC-N-S-A-80-LM  |
| 13   | 10~100     | SS316          | LPM, Normal Litter per Minute                   | with         | FBC-V-S-A-100-LM |
|      |            |                |                                                 | without      | FBC-N-S-A-100-LM |
| 14   | 10~100     | SS316          | LPH, Normal Litter per Hour                     | with         | FBC-V-S-A-100-LH |
|      |            |                |                                                 | without      | FBC-N-S-A-100-LH |
| 15   | 20~200     | POM, Plastic   | LPH, Normal Litter per Hour                     | with         | FBC-V-P-A-200-LH |
|      |            |                |                                                 | without      | FBC-N-P-A-200-LH |
| 16   | 30~300     | SS316          | LPH, Normal Litter per Hour                     | with         | FBC-V-S-A-300-LH |
|      |            |                |                                                 | without      | FBC-N-S-A-300-LH |
| 17   | 50~500     | SS316          | LPH, Normal Litter per Hour                     | with         | FBC-V-S-A-500-LH |
|      |            |                |                                                 | without      | FBC-N-S-A-500-LH |
| 18   | 60~600     | SS316          | LPH, Normal Litter per Hour                     | with         | FBC-V-S-A-600-LH |
|      |            |                |                                                 | without      | FBC-N-S-A-600-LH |
| 19   | 80~800     | SS316          | LPH, Normal Litter per Hour                     | with         | FBC-V-S-A-800-LH |
|      |            |                |                                                 | without      | FBC-N-S-A-800-LH |
| 20   | 0.15~1.5   | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | with         | FBC-V-S-A-1.5-MH |
|      |            |                |                                                 | without      | FBC-N-S-A-1.5-MH |
| 21   | 0.3~3      | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | with         | FBC-V-S-A-3-MH   |
|      |            |                |                                                 | without      | FBC-N-S-A-3-MH   |
| 22   | 0.6~6      | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | with         | FBC-V-S-A-6-MH   |
|      |            |                |                                                 | without      | FBC-N-S-A-6-MH   |
| 23   | 0.3~3      | SS316          | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-S-A-3-SH   |
|      |            |                |                                                 | without      | FBC-N-S-A-3-SH   |
| 24   | 0.6~6      | POM, Plastic   | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-P-A-6-SH   |
|      |            |                |                                                 | without      | FBC-N-P-A-6-SH   |
| 25   | 1~10       | POM, Plastic   | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-P-A-10-SH  |
|      |            |                |                                                 | without      | FBC-N-P-A-10-SH  |
| 26   | 2~20       | SS316          | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-S-A-20-SH  |
|      |            |                |                                                 | without      | FBC-N-S-A-20-SH  |
| 27   | 5~50       | SS316          | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-S-A-50-SH  |
|      |            |                |                                                 | without      | FBC-N-S-A-50-SH  |
| 28   | 16~160     | SS316          | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-S-A-160-SH |
|      |            |                |                                                 | without      | FBC-N-S-A-160-SH |
| 29   | 20~200     | SS316          | SCFH, Standard Cubic Feet per Hour              | with         | FBC-V-S-A-200-SH |
|      |            |                |                                                 | without      | FBC-N-S-A-200-SH |

## C. Fluid Type: Special Gas

| Item | Flow Range | Float Material | Flow Unit             | Needle Valve | Ordering Code    |
|------|------------|----------------|-----------------------|--------------|------------------|
| 1    | 20~150     | SS316          | SCFH, NH <sub>3</sub> | with         | FBC-V-S-A-150-SH |
|      |            |                |                       | without      | FBC-N-S-A-150-SH |



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