

KYTOLA® Model VE Variable Area Flow Meter is designed for reliable measuring and monitoring of liquid and gas flows.

It comes in a range of different options and offers a choice of end blocks – aluminium, stainless steel AISI 316 or polyamide.



- Sturdy construction
- Impact resistant flow tube
- Multi-tube version (1–7 tubes)
- Alarm-ready
- Scales for alternative liquids and gases

ISO 9001 ISO 14001

FLOW METER VE

FEATURES

- Large selection of materials
- Built-in flow adjustment valve and quick change flow tube
- CRN approved select models

TYPICAL APPLICATIONS

- Lubrication oil measurement
- Sealing and cooling water measurement
- Flush water applications
- Gas flow measurements

OPTIONS

- Low and high flow alarm
- Viton or EPDM seals
- PES flow tube

| Model | VEA | VEH | VEK |
|------------------|--|---------------------------|-------------------|
| End blocks | Aluminium | AISI 316 | Nylon |
| Side plates | AISI 316 | AISI 316 | AISI 316 |
| Max. pressure | 440 psi (30 bar) | 440 psi (30 bar) | 290 psi (20 bar) |
| Max. temperature | 175°F(80°C),*248°F(120°C) | 175°F(80°C),*248°F(120°C) | 175°F(80°C) |
| Weight | 1.7 lbs (0.75 kg) | 4.4 lbs (2.00 kg) | 2.1 lbs (0.95 kg) |
| Valve housing | Aluminium | AISI 316 | AISI 316 |
| Valve spindle | AISI 316 | AISI 316 | AISI 316 |
| Flow tube | Grilamid (PA-12) (*PES) | | |
| Connections | NPT 1/2" or G 1/2" | | |
| Float | AISI 329 or AISI 329/PTFE (depending on range) | | |
| Seals | Nitrile (*Viton®, EPDM) | | |
| Accuracy | ±5% F.S. H ₂ O, 70°F (20°C) | | |

*Special construction on request

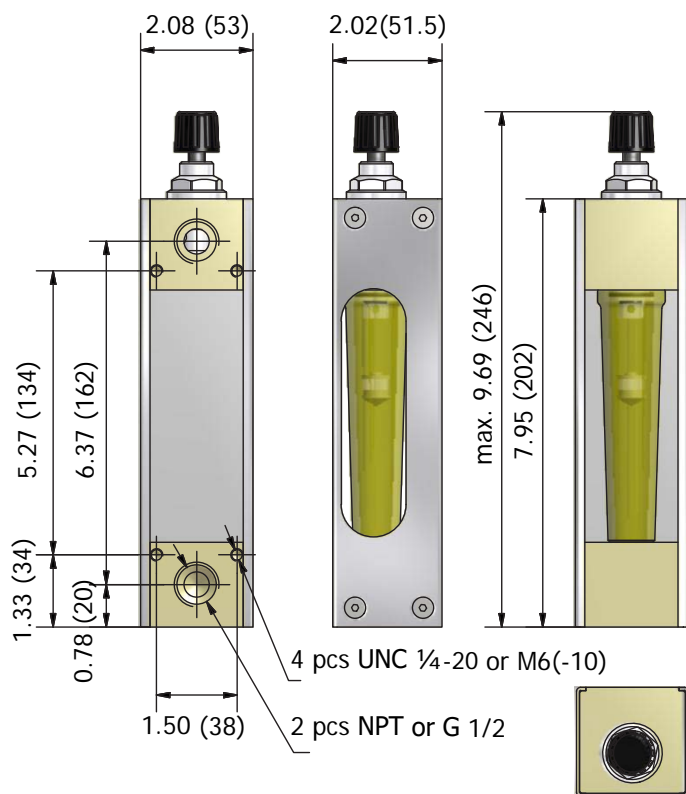
| End Block Material | | | | VE |
|--------------------------------------|--|--|--|----|
| Aluminium (not for H ₂ O) | | | | A |
| AISI 316 | | | | H |
| Nylon | | | | K |

| Flow Range H ₂ O | | Flow Range Air | | |
|-----------------------------|----------|----------------|-----------|-----|
| USGPM | L/min | SCFM | NL/min | |
| 0.1 – 0.5 | 0.4 – 2 | 0.5 – 2.75 | 15 – 70 | 6H* |
| 0.2 – 0.9 | 0.75 – 3 | 1 – 5 | 30 – 130 | 3H* |
| 0.4 – 1.4 | 1.25 – 5 | 1.5 – 7 | 40 – 180 | 3K* |
| 0.6 – 2.2 | 2 – 9 | 2.5 – 10 | 60 – 260 | 3L* |
| 0.7 – 2.6 | 2.5 – 10 | 3 – 11 | 75 – 300 | 3M* |
| 0.75 – 3.75 | 2 – 15 | 3 – 16 | 75 – 400 | 4N* |
| 1 – 4.5 | 4 – 17 | 4 – 18 | 100 – 450 | 4D* |
| 1 – 6 | 4 – 20 | 4 – 24 | 100 – 650 | 4E* |
| 1.5 – 8.0 | 5 – 30 | 5 – 27.5 | 150 – 700 | 4F* |

| Scale | | |
|----------------------------------|--|---|
| H ₂ O L/min (20°C) | | A |
| H ₂ O USGPM (70°F) | | G |
| Air NL/min (20°C, 1.013 bar abs) | | R |
| Air SCFM (70°F, 14.7 psia) | | T |
| Relative 1–10 | | D |

| Features | | |
|-----------------------------------|-------|---|
| Alarm readiness | | D |
| G connections | blank | |
| NPT connections | | N |
| Grilamid flow tube, nitrile seals | blank | |
| PES flow tube, nitrile seals | | V |
| PES flow tube, Viton® seals | | W |
| Grilamid flow tube, Viton® seals | | X |
| EPDM seals | | Y |

Standard feature: leave blank
 Special feature: choose Character



NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

* Air flow ranges (70°F/14.7 psia, 20°C/1.013 bar abs) for calibration purposes only