Dwyer Instruments, Inc.

Series DTFA
Variable-Area Flowmeter for Gases
Economical, Aluminum Body, 5% FS Accuracy

The Series DTFA Variable-Area Flowmeter for Gases measures gas flow rates with ±5% of full-scale accuracy at a competitive price. Rugged aluminum construction ensures great compatibility and the strength to withstand system pressures of up to 3000 psig (200 bar). Available in either 1/4˝ or 1/2˝ NPT connections. Comes pre-calibrated for horizontal in-line mounting.

Model | Range, SCFM | Connection |
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DTFA-1A-10A | 1.5 to 10 | 1/4˝ NPT |
DTFA-1A-15A | 2.0 to 15 | 1/4˝ NPT |
DTFA-1A-20A | 3.0 to 20 | 1/4˝ NPT |
DTFA-1A-25A | 3.0 to 25 | 1/4˝ NPT |
DTFA-2A-30A | 3.0 to 30 | 1/2˝ NPT |
DTFA-2A-40A | 4.0 to 40 | 1/2˝ NPT |
DTFA-2A-50A | 4.0 to 50 | 1/2˝ NPT |
DTFA-2A-75A | 5.0 to 75 | 1/2˝ NPT |
DTFA-3A-100A | 10.0 to 100 | 1/2˝ NPT |

Series DTFW
Variable-Area Flowmeter for Liquids
In-Line Mounting, 2% FS Accuracy

The Series DTFW Variable-Area Flowmeter for Liquids measures water flow rates with ±2% of full-scale accuracy at a competitive price. Durable metal construction ensures great compatibility and the strength to withstand system pressures of up to 3000 psig (200 bar). 1/4˝, 1/2˝ and 1˝ connections are available, with construction choices of a high quality brass or stainless steel. Comes pre-calibrated for horizontal in-line mounting.

Model | Range, GPM Water | Connection | Metering Cone | Model | Range, GPM Water | Connection | Metering Cone |
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DTFW-1B-1W | 0 to 1 | 1/4˝ NPT | Brass | Acetal | DTFW-2B-5W | 0 to 5 | 1/2˝ NPT | Brass |
DTFW-1B-2W | 0 to 2 | 1/4˝ NPT | Brass | Acetal | DTFW-2B-10W | 0 to 10 | 1/2˝ NPT | Brass |
DTFW-1B-3W | 0 to 3 | 1/4˝ NPT | Brass | Acetal | DTFW-2B-15W | 0 to 15 | 1/2˝ NPT | Brass |
DTFW-1B-4W | 0 to 4 | 1/4˝ NPT | Brass | Acetal | DTFW-2B-20W | 0 to 20 | 1/2˝ NPT | Acetal |
DTFW-1B-5W | 0 to 5 | 1/4˝ NPT | Brass | Acetal | DTFW-2B-25W | 0 to 25 | 1/2˝ NPT | Acetal |
DTFW-1S-1W | 0 to 1 | 1/4˝ NPT | SS | Acetal | DTFW-2S-1W | 0 to 1 | 1/4˝ NPT | Acetal |
DTFW-1S-2W | 0 to 2 | 1/4˝ NPT | SS | Acetal | DTFW-2S-2W | 0 to 2 | 1/4˝ NPT | Acetal |
DTFW-1S-3W | 0 to 3 | 1/4˝ NPT | SS | Acetal | DTFW-2S-3W | 0 to 3 | 1/4˝ NPT | Acetal |
DTFW-1S-4W | 0 to 4 | 1/4˝ NPT | SS | Acetal | DTFW-2S-4W | 0 to 4 | 1/4˝ NPT | Acetal |
DTFW-1S-5W | 0 to 5 | 1/4˝ NPT | SS | Acetal | DTFW-2S-5W | 0 to 5 | 1/4˝ NPT | Acetal |
DTFW-1S-6W | 0 to 6 | 1/4˝ NPT | SS | Acetal | DTFW-2S-6W | 0 to 6 | 1/4˝ NPT | Acetal |
DTFW-1S-7W | 0 to 7 | 1/4˝ NPT | SS | Acetal | DTFW-2S-7W | 0 to 7 | 1/4˝ NPT | Acetal |
DTFW-1S-8W | 0 to 8 | 1/4˝ NPT | SS | Acetal | DTFW-2S-8W | 0 to 8 | 1/4˝ NPT | Acetal |
DTFW-1S-9W | 0 to 9 | 1/4˝ NPT | SS | Acetal | DTFW-2S-9W | 0 to 9 | 1/4˝ NPT | Acetal |
DTFW-1S-10W | 0 to 10 | 1/4˝ NPT | SS | Acetal | DTFW-2S-10W | 0 to 10 | 1/4˝ NPT | Acetal |
DTFW-1S-15W | 0 to 15 | 1/4˝ NPT | SS | Acetal | DTFW-2S-15W | 0 to 15 | 1/4˝ NPT | Acetal |
DTFW-1S-20W | 0 to 20 | 1/4˝ NPT | SS | Acetal | DTFW-2S-20W | 0 to 20 | 1/4˝ NPT | Acetal |
DTFW-1S-25W | 0 to 25 | 1/4˝ NPT | SS | Acetal | DTFW-2S-25W | 0 to 25 | 1/4˝ NPT | Acetal |
DTFW-1S-30W | 0 to 30 | 1/4˝ NPT | SS | Acetal | DTFW-2S-30W | 0 to 30 | 1/4˝ NPT | Acetal |

Pressure Limit: 3000 psig (200 bar).
Accuracy: ±5% FS.
Repeatability: ±1% FS.
Size: Diameter dial face 2.5˝ (63.5 mm).
Process Connections: See model chart.
Weight: DTFA-1A: 3 lb (1.36 kg); DTFA-2A: 5 lb (2.27 kg).