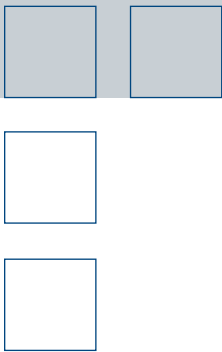# FCI ST75 Series Flow Meters

Small Line, Mass Flow Meters for Industrial and Commercial Process Gases

Low cost, easy installation flow measuring
for 1/4 inch to 2 inch [6 mm to 51 mm] line sizes

- Burner/Boiler Fuel and Air Feed Lines
- Industrial Furnaces, Kilns and Oven Fuel/Air Controls
- Heat Treating Gas Controls
- Air Compressor System Control and Point-of-Use Monitoring
- Chiller Air Flow Measurements
- Co-Gen and Turbine Generator Fuel Flow Measurements
- Dosing and Gas Injection Rate Controls

DASTEC
30 años de soluciones para la industria

FCI FLUID COMPONENTS INTERNATIONAL LLC

ST75 Series Features

- ■ **Direct mass, standard volumetric or standard velocity flow measurement**
- ■ **Triple outputs: flow rate, temperature & total flow**
- ■ **Non-clogging, no moving parts**
- ■ **Wireless IR communications**
- ■ **2 line digital display option**
- ■ **Small, compact design**
- ■ **Easy installation**
- ■ **Built-in Vortab® flow conditioning in Model ST75V**

Model ST75

Model ST75V

Blind Integral Transmitter	Integral Transmitter with Local Display	Remote Transmitter with Display
ST75-1	ST75-2	ST75-4
ST75V-1	ST75V-2	ST75V-4
ST75-A	ST75-B	ST75-C
ST75V-A	ST75V-B	ST75V-C

Superior Air and Gas Flow Measurement

ST75 is an accurate, no moving parts, direct mass flow measurement and monitoring solution for fuel gases, air, compressed air, inert and other gas flows within industrial processes. There are two base models in the series — Model ST75, and Model ST75V which include built-in Vortab flow conditioners. They are available in six different sizes for direct, in-line installation in line sizes from 1/4 inch to 2 inch [6 mm to 51 mm].

By combining precision lithography structured platinum RTD sensors embedded in FCI's equal mass thermowells with microprocessor electronics and precise actual gas calibration, the ST75 achieves outstanding flow measurement performance. Using FCI's proven thermal dispersion technology, the ST75's direct mass flow measurement eliminates the cost and space of additional sensors required by inferred technologies. With its 100:1 turndown and flow ranges from 0.01 SCFM to 559 SCFM [0.01 NCMH to 950 NCMH], the ST75 measures over a wide flow range, from low to high flow conditions. The ST75 is available in specific calibrations for most gases including natural gas, methane and other hydrocarbon gases, as well as nitrogen, CO_2, argon and all inert gases, compressed air and more.

Easy to Install, Easy to Use

Model ST75 standard "T" fitting design allows for fast, simple in-line installation. Standard NPT line size selections include 1/4 inch, 1/2 inch, 3/4 inch, 1 inch, 1 1/2 inch and 2 inch. For compression fitting tube applications, selections include 1/4 inch, 1/2 inch and 1 inch. For installations with inadequate straight-run or obstructed flows that prevent a fully developed profile for accurate flow measurement with the standard ST75, Model ST75V provides the solution. FCI's Model ST75V includes all of the features and functionality of the ST75 plus built-in Vortab flow conditioning.

Vortab flow conditioners are the flow conditioning technology proven and recommended by flow measurement experts to eliminate both swirl and velocity profile distortions to ensure accurate flow measurement. Vortab flow conditioners also are the lowest pressure loss solution of all flow conditioning techniques. FCI is the exclusive provider of Vortab flow conditioners for use with thermal mass flow meters such as the ST75V.

To serve a variety of application and installation requirements the ST75 and ST75V are available in three standard configurations as shown at left. (Other display options are described in Accessory Remote Digital Display section.)

To provide convenient and easy access for wire-up and signal isolation, the instrument's enclosure features dual conduit ports in either NPT or M20 threads, as well as removable front and rear covers. ST75 can be ordered for DC (18 V to 36 V) or AC (85 V to 265 V) power.
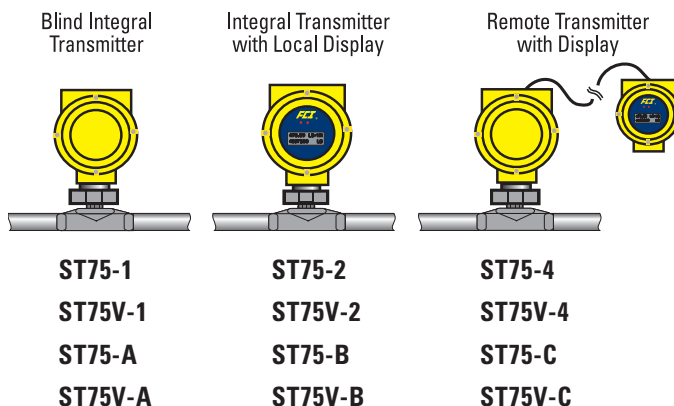
Extensive Outputs Assure Application Compatibility

ST75 provides the most comprehensive selection of outputs in its class. Dual analog outputs, a pulse output and a digital, serial I/O are all standard.

Dual 4-20 mA analog outputs are field assignable to flow rate and/or temperature. These outputs are user scalable to the instrument's full calibrated range or any subset. Flow rate is selectable for reading in mass flow or standard volumetric engineering units. Also provided for interface to totalizers is a 0-500 Hz pulse output of flow.

In all models a standard RS232C serial I/O link is provided for instrument configuration, service/troubleshooting data, and measured readings. Also included in all models is a wireless IR sensor to enable wireless connectivity to PDA devices.
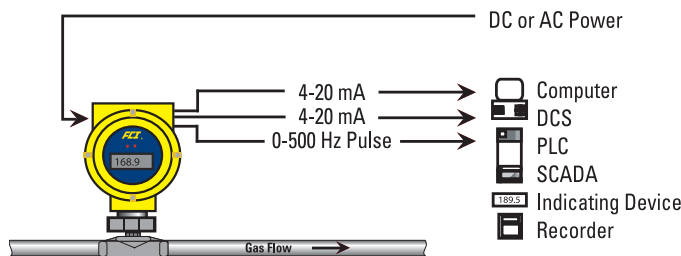
Exclusive Wireless Communications

With FCI's unique new IR link, any Palm-OS based PDA can be used to communicate with the ST75 without contact. This wireless IR link features a password protected, easy-to-follow menu driven program to access all its features. Parameters include measured readings and totalizer values, configuration settings, calibration downloads, diagnostic service codes and more. This wireless interface is ideal to save cost and time when the ST75 will be mounted in a hard to reach location. Requires FCI software accessory kit P/N 019819-01 for the PDA.

Designed and Built to Last

ST75 will significantly reduce maintenance costs and time. ST75 is a no moving parts design that virtually eliminates the wear out, clogging and excessive pressure drop associated with other flow metering techniques. The sensor element is all-welded stainless steel with Hastelloy-C tips that provide extra protection against invasive conditions within the pipe. The instrument's electronics are housed in an all-metal, NEMA 4X (IP67) rated enclosure to provide the ruggedness and dust/weather proof protection needed to ensure long-life in industrial and commercial installations.

Accessory Remote Digital Displays

For remote mounted digital readouts of flow, temperature and /or total flow, three types of accessory displays are available:

Model DM10 is an LCD readout meter which can be inserted and located anywhere in the 4-20 mA output loop from the ST75. It requires no separate powering as it derives its power directly from the 4-20 mA loop. The DM10 is user scalable to ±1999 digits and features oversized, 1 inch [25 mm] characters for an easy-to-read display. NEMA 4X rated. FM and CSA certified models optional.

Size: 3.15″ H x 5.51″ W x 2.56″ D [80 mm H x 140 mm W x 65 mm D]
Mounting: Wall. Panel mount or pipe mount kit optional
Wire-Up: Screw terminals via 1/2″ conduit hole at bottom of case

Model DM15 is a high accuracy, 1/8 DIN panel mount, AC line powered meter with a bright red LED readout. It features a user scalable, ±9999 digit display and will accept both the 4-20 mA or 0-10 Vdc signals from the ST75. Optionally available with DM15 is a user programmable alarm setpoint with a Form C relay output.

Size: 1.89″ H x 3.78″ W x 5.35″ D [48 mm H x 96 mm W x 136 mm D]
Mounting: Panel. Standard 1/8 DIN, 45 mm H x 92 mm W cutout
Wire-Up: Screw terminals at rear of instrument

Model DM20 is a miniature sized totalizer counter that accepts the pulse output from the ST75. It features an 8-digit (0 to 99999999 counts) LCD that can be reset via its front-panel push-button. It is a panel-mount style that can be located in the field, in a separate enclosure or in the control room. It is self-powered by a lithium battery (included, 10 year life).

Size: 0.944″ H x 1.89″ W x 1.20″ D [24 mm H x 48 mm W x 30.5 mm D]
Mounting: Panel. 22.5 mm H x 45 mm W cutout
Wire-Up: Screw-terminals at rear of instrument

ST75 Series Flow Meter General Specifications

Instrument

- **Media:** Air, compressed air, nitrogen, oxygen, argon, CO_2, ozone, other inert gases, natural gas, other hydrocarbon gases, and hydrogen

- **Pipe/Line Size Compatability:** 1/4″ to 2″ [6 mm to 51 mm]

- **Range** [1]

NPT Line Size:	Min. SCFM	Min. [NCMH]	Max. SCFM	Max. [NCMH]
1/4″	0.04	[0.07]	17.34	[29.47]
1/2″	0.13	[0.22]	50.64	[86.04]
3/4″	0.22	[0.38]	88.88	[151.00]
1″	0.35	[0.59]	139.95	[237.78]
1 1/2″	0.85	[1.44]	339.31	[576.48]
2″	1.40	[2.38]	559.27	[950.20]

Tubing Line Size:	Min. SCFM	Min. [NCMH]	Max. SCFM	Max. [NCMH]
1/4″	0.01	[0.01]	3.02	[5.14]
1/2″	0.05	[0.09]	21.15	[35.94]
3/4″	0.25	[0.42]	99.08	[168.33]

- **Accuracy**
  Model ST75
  Standard: ±2% reading, ±0.5% full scale
  Optional: ±1% reading, ±0.5% full scale

  Model ST75V
  Standard: ±1% reading, ±0.5% full scale

- **Repeatability:** ±0.5% reading

- **Turndown Ratio:** 3:1 to 100:1

- **Temperature Compensation**
  Standard: 40 °F to 100 °F [4 °C to 38 °C]
  Optional: 0 °F to 250 °F [-18 °C to 121 °C]

- **Agency Approvals**
  FM/CSA: Class 1, Div. 1, Groups B,C,D;
             Class 1, Div. 2, Groups A-D
  ATEX/IECEx: Zone 1, II 2 G Ex d IIC T6…T3;
             II 2 D Ex tD A21, IP67 T90°…T300°
  CPA, CE Mark

- **Warranty:** One year

Flow Element

- **Installation:** In-line "T," NPT or tube

- **Type:** Thermal dispersion

- **Material of Construction**
  All-welded 316 stainless steel probe element with Hastelloy-C thermowells; 316 stainless steel NPT and tube fittings. ST75V flow body is schedule 40 stainless steel.

- **Maximum Operating Pressure**
  T-fitting [NPT female]: 240 psi [16.5 barg]
  Tube: 600 psi [41 barg]

- **Operating Temperature (Process)**
  0 °F to 250 °F [-18 °C to 121 °C]

- **Process Connection**
  Model ST75
  T-fitting [NPT female]: 1/4″, 1/2″, 3/4″, 1″, 1 1/2″ or 2″
  Tubing: 1/4″, 1/2″ or 1″

  Model ST75V
  Female NPT, Male NPT, ANSI flanges, DIN flanges

Transmitter

- **Enclosure:** NEMA 4X [IP67], aluminum, dual conduit ports with either 1/2 inch NPT or M20x1.5 entries. Epoxy coated.

- **Operating Temperature:** 0 °F to 140 °F [-18 °C to 60 °C]

- **Input Power**
  DC: 18 Vdc to 36 Vdc (6 watt maximum)
  AC: 85 Vac to 265 Vac (12 watt maximum)
      (CE mark approval from 100 Vac to 240 Vac)

- **Output Signal**
  Standard
  (2) 4-20 mA, user assignable to flow rate and/or temperature
  (1) 0-500 Hz pulse for total flow

- **Communication Port**
  RS232C standard. Wireless IR to PDA [2]

- **Digital Display (optional):** 2-line x 16 characters LCD. Displays measured value and engineering units. Top line assigned to flow rate. Second line is user assignable to temperature reading, as flow totalizer or alternating. Display can be rotated in 90° increments for optimum viewing orientation.

[1] Actual range subject to gas type and specific conditions

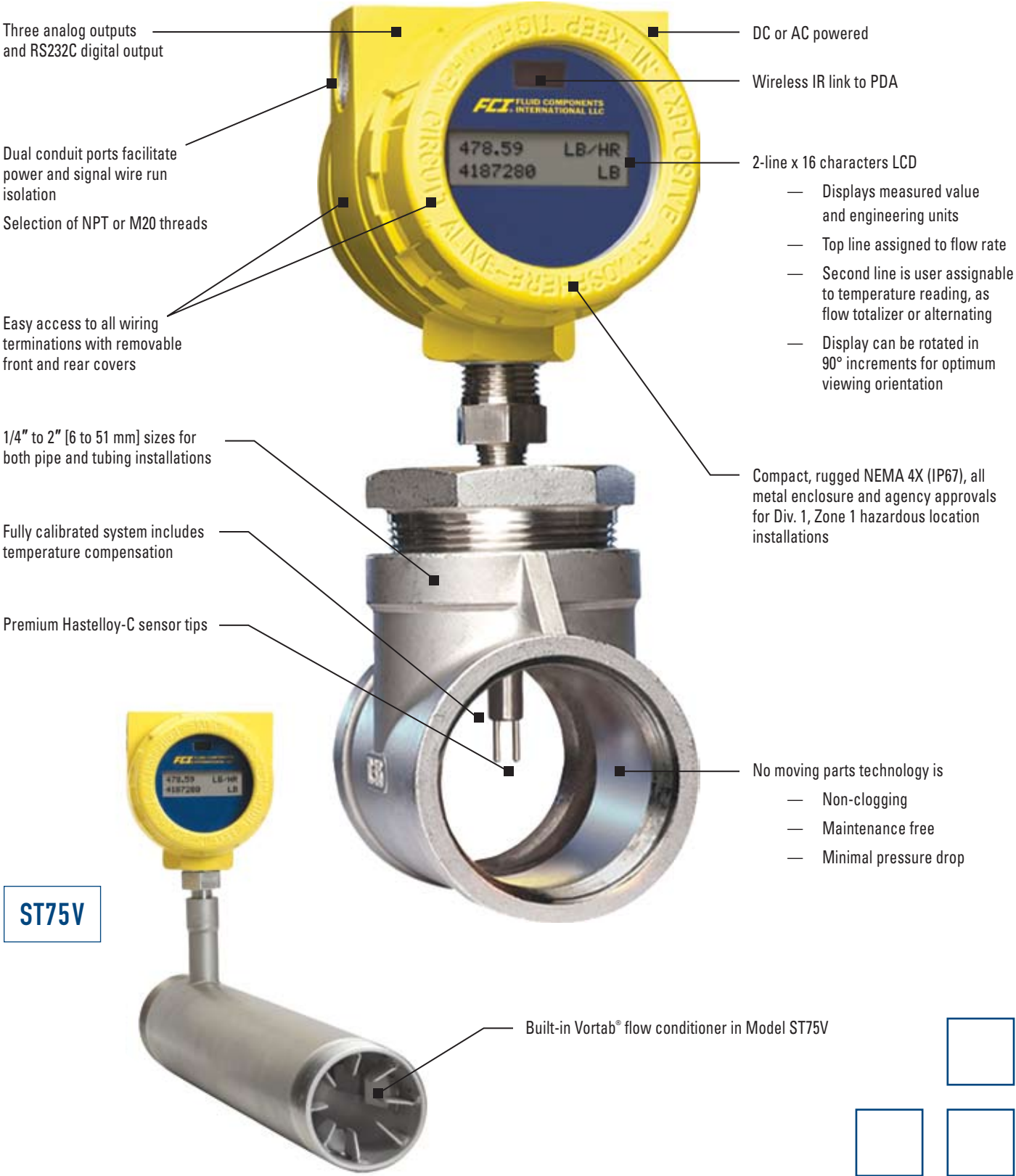[2] Requires user supplied PDA and FCI software P/N 019819-01

Specifications at reference operating conditions of 70 °F, 14.7 psia [21.1 °C, 1.013 bar(a)] and for Model ST75 straight pipe run 20d upstream, 10d downstream.

FCI is a continuous improvement company. Specifications subject to change without notice.
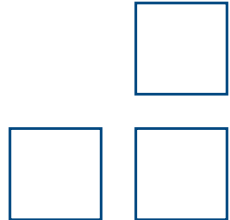
ST75 Series Features
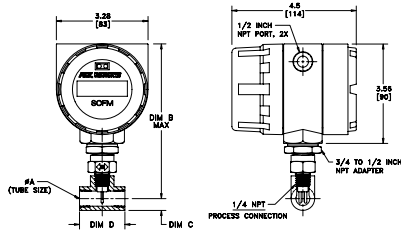
In-line, Mass Flow Measurement

With premium components and attention to detail, FCI's ST75 series provides long-lasting flow meter quality and value. Its features and functions ensure application compatibility, maximum installation convenience, superior industrial durability and lowest maintenance.

Three analog outputs and RS232C digital output

Dual conduit ports facilitate power and signal wire run isolation

Selection of NPT or M20 threads

Easy access to all wiring terminations with removable front and rear covers

1/4″ to 2″ [6 to 51 mm] sizes for both pipe and tubing installations

Fully calibrated system includes temperature compensation

Premium Hastelloy-C sensor tips

DC or AC powered

Wireless IR link to PDA

2-line x 16 characters LCD

— Displays measured value and engineering units

— Top line assigned to flow rate

— Second line is user assignable to temperature reading, as flow totalizer or alternating

— Display can be rotated in 90° increments for optimum viewing orientation

478.59   LB/HR
4187280   LB

FCI FLUID COMPONENTS INTERNATIONAL LLC

Compact, rugged NEMA 4X (IP67), all metal enclosure and agency approvals for Div. 1, Zone 1 hazardous location installations

No moving parts technology is

— Non-clogging

— Maintenance free

— Minimal pressure drop

ST75V

Built-in Vortab® flow conditioner in Model ST75V

Model ST75 Pipe (NPT) Tee Configuration
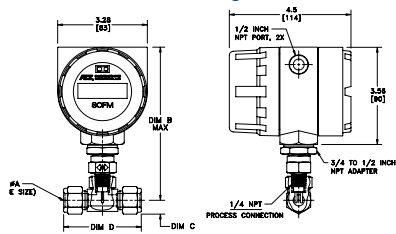

1. DIMENSIONS IN INCHES, BRACKETS [ ] ARE IN mm.
2. REDUCERS USED ON LARGER PIPE TEES (NOT SHOWN) ALLOW FOR MAX B DIMENSION.
3. PIPE TEES ARE 150 # CLASS.

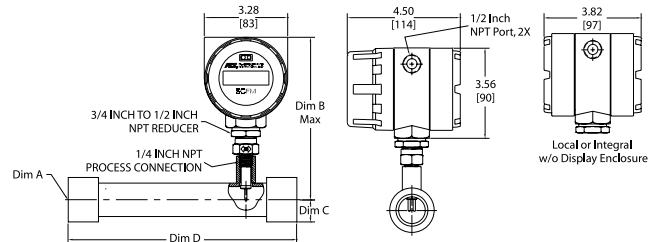| Pipe (NPT) Tee Configuration				
Configuration	DIM A Pipe Size	DIM B Top to Flow CL	DIM C Flow CL to Bottom	DIM D Tee Length
ST75-XXXAXX	1/4"	6.0 [152,4] Max.	0.38 [9,65]	1.54 [39,12]
ST75-XXXBXX	1/2"	6.5 [165,1] Max.	0.56 [14,22]	2.28 [57,91]
ST75-XXXCXX	3/4"	7.0 [177,8] Max.	0.68 [17,27]	2.56 [65,02]
ST75-XXXDXX	1"	7.3 [185,4] Max.	0.86 [21,84]	2.92 [74,17]
ST75-XXXEXX	1 1/2"	7.8 [198,1] Max.	1.17 [29,72]	3.82 [97,03]
ST75-XXXFXX	2"	8.0 [203,2] Max.	1.42 [36,07]	4.66 [118,40]

Model ST75 Tube Tee Configuration

1. DIMENSIONS IN INCHES, BRACKETS [ ] ARE IN mm.
2. COMPRESSION FITTING FERRULES 316 SST.

Tube Tee Configuration				
Configuration	DIM A Pipe Size	DIM B Top to Flow CL	DIM C Flow CL to Bottom	DIM D Tee Length
ST75-XXXGXX	1/4"	5.7 [144,8] Max.	0.33 [8,39]	2.34 [59,44]
ST75-XXXHXX	1/2"	5.9 [149,9] Max.	0.53 [13,46]	2.84 [72,14]
ST75-XXXJXX	3/4"	7.8 [198,1] Max.	0.87 [22,10]	3.86 [98,04]

Model ST75 V Female NPT

1. Dimensions are in INCHES; brackets [ ] are in MILLIMETERS.

Female NPT Configuration				
Configuration	DIM A Pipe Size	DIM B Top to Flow CL	DIM C Flow CL to Bottom	DIM D VMR Length
ST75V-XXXCE	1/4"	5.50 [140]	0.38 [9,5]	5.00 [127]
ST75V-XXXEE	1/2"	5.69 [144,5]	0.57 [14]	7.50 [190,5]
ST75V-XXXFE	3/4"	6.45 [164]	0.69 [17,5]	9.00 [229]
ST75V-XXXGE	1"	6.44 [163,5]	0.88 [22]	9.00 [229]
ST75V-XXXHE	1 1/2"	6.42 [163]	1.25 [32]	13.50 [343]
ST75V-XXXJE	2"	6.43 [163]	1.50 [38]	18.00 [457]

Model ST75 V Male NPT
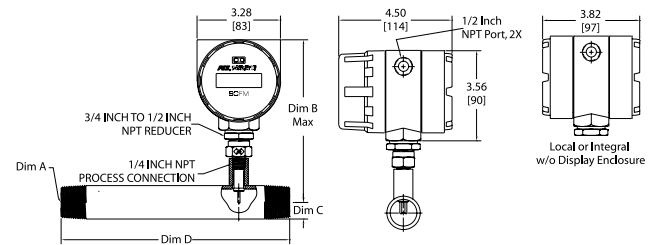
1. Dimensions are in INCHES; brackets [ ] are in MILLIMETERS.

Male NPT Configuration				
Configuration	DIM A Pipe Size	DIM B Top to Flow CL	DIM C Flow CL to Bottom	DIM D Tee Length
ST75V-XXXCN	1/4"	5.50 [140]	0.38 [9,5]	5.00 [127]
ST75V-XXXEN	1/2"	5.69 [144,5]	0.42 [10,6]	7.50 [190,5]
ST75V-XXXFN	3/4"	6.45 [164]	0.51 [13]	9.00 [229]
ST75V-XXXGN	1"	6.44 [163,5]	0.65 [16,5]	9.00 [229]
ST75V-XXXHN	1 1/2"	6.42 [163]	.95 [24]	13.50 [343]
ST75V-XXXJN	2"	6.43 [163]	1.19 [30]	18.00 [457]

Model ST75 V Flanged
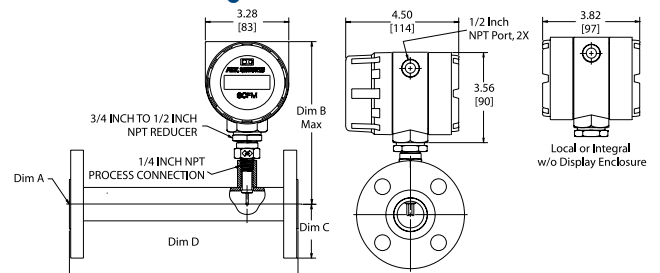
1. Dimensions are in INCHES; brackets [ ] are in MILLIMETERS.
2. Flanges are 150# Class.

Flanged Configuration				
Configuration	DIM A Pipe Size	DIM B Top to Flow CL	DIM C Flow CL to Bottom	DIM D Tee Length
ST75V-XXXCF	1/4"	n/a	n/a	n/a
ST75V-XXXEF	1/2"	5.69 [144,5]	1.75 [45]	7.50 [190,5]
ST75V-XXXFF	3/4"	6.45 [164]	1.94 [49]	9.00 [229]
ST75V-XXXGF	1"	6.44 [163,5]	2.12 [54]	9.00 [229]
ST75V-XXXHF	1 1/2"	6.42 [163]	2.50 [64]	13.50 [343]
ST75V-XXXJF	2"	6.43 [163]	3.00 [76]	18.00 [457]

More Air / Gas Mass Flow Meter Solutions

In addition to the ST75 Series, FCI manufactures a broad line of thermal dispersion flow meter products for industrial and plant applications. From general-purpose air flow measurement to special-function, mixed gas flare flows; from small line sizes to the largest stacks and ducts, FCI has the selection to best solve your applications and ensure optimum solutions. Contact your local FCI representative or visit **www.fluidcomponents.com** for detailed product information and specifications on these products.

ST50   ST51

- **ST50 Series** models are compact and economical, yet full featured air and gas meters designed for air, compressed air, nitrogen (ST50) and biogas, digester gas, natural gas (ST51) applications.

ST98 Series

- **ST98 Series** for all gases, combines high-performance, extensive installation options and an array of output choices to meet the needs of the most demanding industrial applications.

ST100 Series

- **ST100 Series** is industry's most advanced gas flow meters. All gases, flow, temperature and pressure, multiple outputs, bus communications, graphical display, multiple calibrations, VeriCal, on-board data logger, and more.

MT86 / MT91

- **MT Series** "multi-point" flow measuring systems can be configured with two (2) to sixteen (16) flow sensing elements to optimize measurements within the largest of pipe and duct sizes.

## FCI Calibration Ensures Installed Accuracy

The ST75 Series is tested and calibrated to rigorous standards to ensure you get the instrument that does the job you specified. To design and produce the highest quality flow instrumentation, FCI operates a world-class NIST traceable flow calibration laboratory certified to meet such stringent standards as MIL-STD 45662A and ANSI/NCSL Z-540.

For most gases, FCI thermal dispersion flow meters are calibrated using the actual gas as well as the actual temperature and process conditions matching your application. Other suppliers are limited to air calibration with un-validated theoretical equivalencies for gases. FCI has demonstrated this procedure to be inferior and subject to installed errors well outside published specifications. For most other suppliers to perform actual gas calibrations equal to FCI, their flow meter must be sent to an outside laboratory resulting in extra costs and shipping delays to you.

FCI's calibration results in a flow meter you can install with total confidence and assurance that it meets your application needs.

More than 16 precision flow stands to match fluids, process conditions, flow rates and line sizes specified in your application.
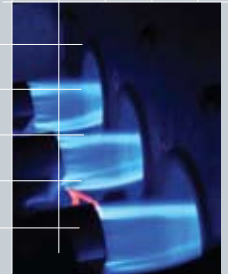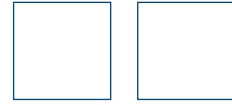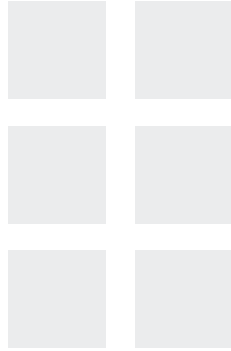
FCI FLUID COMPONENTS INTERNATIONAL LLC

Visit FCI online at www.FluidComponents.com | **FCI is ISO 9001:2000 and AS9100 Certified**

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ORDERING GUIDE: ST75V Mass Flow Meter with Vortab® Flow Conditioners

Block No.	1	2	3	4	5	6	7	8	9	10
Model ST75V–										

Base Unit, Enclosure Style (Block 1) *Enclosures: All Aluminum, NEMA 4X/IP67 rated, epoxy coated*	Code
Blind, Integral Transmitter, with two 1/2" FNPT cable entries	1
Integral Transmitter with Local Digital Display, with two 1/2" FNPT cable entries	2
Remote Transmitter w/ two 1/2" FNPT cable entries and w/Digital Display. *(Specify cable length in Block 10)*	4
Blind, Integral Transmitter, w/ two M20x1.5 cable entries	A
Integral Transmitter with Local Digital Display, w/ two M20x1.5 cable entries	B
Remote Transmitter w/ two M20x1.5 cable entries and w/Digital Display. *(Specify cable length in Block 10)*	C

Pipe Installation, Display/Transmitter Mounting Orientation and Flow Direction (Block 2)

Horizontal Pipe	Code	Vertical Pipe	Code
Top mnt, display face frwd, flow L-R	F	Side mnt L, display face frwd, flow up	M
Top mnt, display face frwd, flow R-L	G	Side mnt R, display face frwd, flow up	N
Side mnt, display face up, flow L-R	H	Side mnt L, display face frwd, flow down	P
Side mnt, display face up, flow R-L	J	Side mnt R, display face frwd, flow down	R
Side mnt, display face down, flow L-R	K	*For visual representation, refer to FCI drawing number 020943*	
Side mnt, display face down, flow R-L	L		

Power Supply (Block 3)	Code
DC; 18 - 36 V	1
AC; 85 - 265 V, 50/60 Hz	2

Line Size (Block 4)	Code
1/4" *(Available only with NPT, Block 5 must be Code E or N)*[5]	C
1/2"	E
3/4"	F
1"	G
1-1/2"	H
2"	J

Process Connection Type (Block 5)	Code
Female NPT	E
Male NPT	N
Flanged, #150 CLASS	F
Other; agency approved, customer specified *(If selected, Block 6 and 7 which follow must also be Code WW only)*	W

Process Connection Size, Material, Rating, Finish Details (Block 6 & 7)	Code
1/4" NPT (must be selected if Block 4 is Code C)	Q0
1/2" NPT	H0
3/4" NPT	T0
1" NPT	10
1-1/2" NPT	B0
2" NPT	20
1/2" ANSI flanged 150 lb RF ANSI 16.5, 316L Stainless steel	HG
3/4" ANSI flanged 150 lb RF ANSI 16.5, 316L Stainless steel	TG
1" ANSI flanged 150 lb RF ANSI 16.5, 316L Stainless steel	1G
1-1/2" ANSI flanged 150 lb RF ANSI 16.5, 316L Stainless steel	BG
2" ANSI flanged 150 lb RF ANSI 16.5, 316L Stainless steel	2G
DN15 DIN flanged PN40, Form C per DIN2526 or Form B1 per DIN EN1092-1 in 316L ss	D3
DN25 DIN flanged PN40, Form C per DIN2526 or Form B1 per DIN EN1092-1 in 316L ss	E3
DN40 DIN flanged PN40, Form C per DIN2526 or Form B1 per DIN EN1092-1 in 316L ss	G3
DN50 DIN flanged PN16, Form C per DIN2526 or Form B1 per DIN EN1092-1 in 316L ss	J2
Other; agency approved, customer specified	WW

Gas Medium and System Calibration[2] (Block 8)	Code
Air	B
Air Equivalence (Oxygen, Chlorine, Ammonia, etc.)	C
Nitrogen, Helium, Argon, CO_2, Compressed Air	E
Hydrocarbons (e.g. Natural Gas, Ethane, Methane, Propane, Ethylene, Propylene, Mixed)	F
Hydrogen or hydrogen mixture	G
Air, Compressed Air	H
Air Equivalence (e.g. Oxygen, Chlorine, Ammonia, etc.)	J
Nitrogen, Argon	K
CO_2, Ethylene, Ethane	L
Propane, Propylene	M
Butane, Pentane	N
Methane, Helium, Natural Gas	P
Hydrogen	R

Calibration[3] and Calibration Temperature Conditions (Block 9)	Code
High Accuracy 1% Calibration and Standard Conditions +40 °F to 100 °F [+4 °C to 38 °C] w/Vortab	Q
High Accuracy 1% Calibration and Extended Temperature Compensation 0 °F to 250 °F [-18 °C to 121 °C] w/Vortab	T
Other, Agency approved, customer specified	W

Interconnecting Cable Length for Remote Configurations[4] (Block 10)	Code
Not required *(Specify with integral configuations)*	0
10' [3 meters]	A
25' [7,6 meters]	B
50' [15 meters]	C
Custom length *(Cannot exceed 50' [15 meters])*	W

Optional Accessories	
Part Number	**Description**
019819-01	Software Interface Package for PDA/PalmOS
020802-01	PDA, Palm® model Tungsten™ E2
FC88	Portable Hand-held Communicator
014108-02	PC Interface Communications Kit, For RS232 serial port connection
DM10-N	Digital Display/Readout, LCD, 4-20 mA loop pow
DM10-FC	DM10 with FM and CSA approvals
DM10-KIT1	Panel Mount Kit for DM10
DM10-KIT2	2 inch (52 mm) Pipe Mount Kit for DM10 *(Stainless steel)*
DM15	Digital Display/Readout, LED 115/230 Vac powered
DM15-ALM	Same as DM-15 with user programmable alarm limit, relay output
DM20	Digital Display Readout, 8-digit LCD Pulse totalizer/counter

Notes

2. Must use FCI's AVAL program to determine letter code. AVAL is a custom flow meter optimizer program which considers gas medium, flow range, pipe size and other conditions to determine best calibration and supplies FCI letter code to be used here. AVAL is available on-line at www.fluidcomponents.com or consult local FCI representative/distributor.

3. Calibration accuracy is ±% of reading, ±0.5% of full scale.

4. Fixed cable length with instrument calibrated together as a matched set. Cable may be coiled, but not cut.

5. Certified Material Test Report (CMTR) not available with ST75V 1/4".

DASTEC

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