

# Flow Switches & Waterflow Indicators

---



# WATTS FS10-C Series FLOW SWITCH

Accurate monitoring of liquid flow in pipelines servicing water systems, heating systems, air conditioning and processing installations for industrial and commercial applications is often required. The FS10-C Flow Switch is primarily designed to be used as an automatic control or safety device. The single-pole, double-throw switch can be wired to start or stop a motor when a **flow** or **no flow** condition exists or actuate an alarm when flow is inadequate. Turns off alarm when adequate flow is restored.

## TYPICAL USES

**Signal devices** – for flow or no flow

**Control of motors** – for pumps, compressors, etc.

**Alarms** – warn of trouble where flow failure is critical

**Heating Units** – to start or stop a heat source

**Metering Devices** – to control equipment that supplies additives for blending

## TYPICAL APPLICATIONS

- Air Conditioning
- Pumping Systems
- Water Treatment
- Hot Water Supply Systems
- Liquid Transfer Systems
- Hot Water Space Heating
- Additive/Blending Systems
- Processing Systems
- Water Cooled Equipment

## SPECIFICATIONS

Canadian Standards Assoc. Listed No. LR-5827

Underwriter's Laboratories Listed U.S.A. No. 11S1

**Maximum Pressure:** 175psi

**Maximum Temperature:** 300°F

**Shipping Weight:** 2.5 lbs.

1" NPT connection.

## MODELS

FS10-C Standard Unit.

FS10-CL with Indicator Light.

## PADDLES

3 in 1 Paddle – A segmented beryllium copper paddle is quickly adaptable for 1" through 3" pipe. The extended beryllium copper paddle, also included, is for larger pipe sizes up to 6".

Paddle length conforms to ASTM tee standards.



### Replacement

#### Kit Number

RK FS10-3-1

RK FS10-6

RK PRP-218-3957

#### Description

3-in-1 Paddle

6" Paddle

O-Ring

**INDEPENDENT**  
Switch  
assembly

**SWITCH** –  
Single pole,  
double throw

**O-RING INLET ADAPTER** –  
Threaded connection  
(quick paddle orientation in pipe.)

**EASY WIRING** – cover completely  
removable, no danger of  
wires interfering with operation.

**HIGH** – (Coarse)  
Sensitivity  
Adjustment

**TWO KNOCKOUTS** –  
Connect conduit at  
either side of chassis.

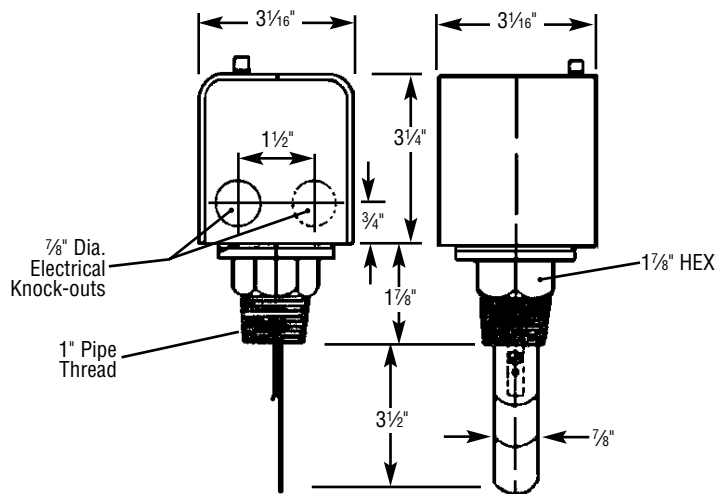
**PADDLE** – made of beryllium  
copper. Segmented and quickly  
adaptable for 1" to 3" pipe.  
Extended paddle also included  
for larger pipe size.

## FEATURES

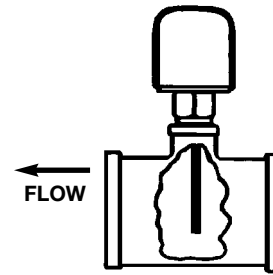
- Parts in contact with liquid in pipe are of *brass* and *beryllium* copper. Flow switch installs in tee in horizontal or vertical piping.
- Single *cover retaining screw* mounted *on top* of the flow switch for easy access.
- *Coarse* and *fine* sensitivity adjustment
- *Two* electrical conduit knockouts for ease of wiring.
- Easy accessibility to switch terminals where wiring will not interfere with operating mechanism.
- Furnished with 1" NPT connection.
- Switch assembly independent and removable from mounting adaptor. Allows proper paddle measurement, avoiding improper operation.
- Optional flow indicator light integral with switch cover (FS10-CL). Indicates flow or no flow conditions.
- Canadian Standards Association Listed.
- Underwriter's Laboratories Listed



## DIMENSIONS



## LOCATION\*

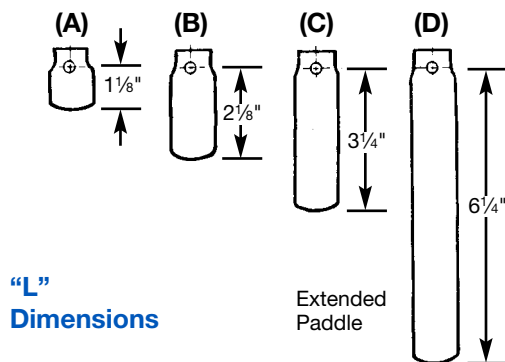


Paddle must be free to move. Flow switch can be installed in a reducing tee, standard tee or welded fitting. It should be installed in horizontal or vertical section of a pipe where there is a straight run of at least 5 pipe diameters on each side.

## PADDLE LENGTH

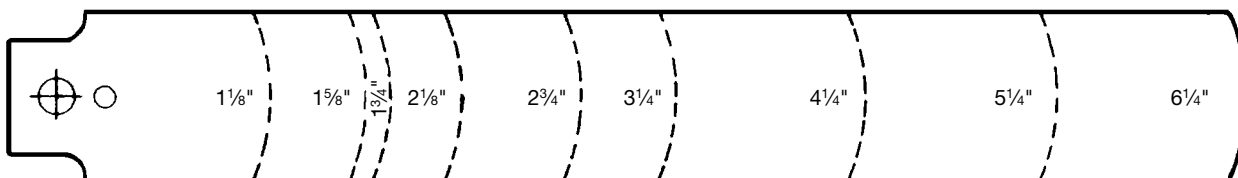
Included with each flow switch are four paddles. Shortest paddle (A) can be used for 1" pipe size only. Second shortest paddle (B) can be used as is for 2" pipe size; but can be trimmed for 1 1/4" and 1 1/2" pipe size. Third shortest paddle (C) can be used as is for 3" pipe size, but must be trimmed for 2 1/2" pipe size. Longest paddle (D) can be used as is for 6" pipe size, but must be trimmed for 4" and 5" pipe size.

The "L" dimensions below refer to the untrimmed paddle lengths.



See Paddle Length Selection Table on page 6.

## ACTUAL SIZE PADDLE TEMPLATE For Trimming



### \*IMPORTANT:

Mount flow switch in position so that the paddle assembly is at a right angle to the flow. The stamped arrow on bottom plate mounting and top cover gum label arrow must both point in direction of flow. (See page 6 for "Installation" and page 7 for "Flow rates and wiring information.")

# WATTS FS20 Nema 4X Type FLOW SWITCH

- Corrosion-resistant
- Epoxy coated
- Zinc die-cast enclosure

Provides accurate monitoring of flow in pipelines servicing water systems. Recommended for use in areas of high humidity for indoor or outdoor installations requiring Nema 4X water-tight, dust-tight and corrosion-resistant enclosures. The FS20 flow switch is primarily designed to be used as an automatic control or safety device. The single pole, double-throw switch can be wired to start or stop a motor when a **flow** or **no flow** condition exists or actuate an alarm when flow is inadequate. Turns off alarm when adequate flow is restored.



## TYPICAL USES

**Signal devices** – for flow or no flow

**Control of motors** – for pumps, compressors, etc.

**Alarms** – warn of trouble where flow failure is critical

**Heating Units** – to start or stop a heat source

**Metering Devices** – to control equipment that supplies additives for blending

## TYPICAL APPLICATIONS

- Air Conditioning
- Pumping Systems
- Water Treatment
- Hot Water Supply Systems
- Liquid Transfer Systems
- Hot Water Space Heating
- Additive/Blending Systems
- Processing Systems
- Water Cooled Equipment

## SPECIFICATIONS

Canadian Standards Assoc. Listed No. LR-5827

Underwriter's Laboratories Listed U.S.A. No. 11S1

**Maximum Pressure:** 150psi

**Maximum Temperature:** 300°F

**Shipping Weight:** 3 lbs.

1" NPT connection.



## PADDLES

3 in 1 Paddle – A segmented beryllium copper paddle is quickly adaptable for 1" through 3" pipe. The extended beryllium copper paddle, also included, is for larger pipe sizes up to 6".

Paddle length conforms to ASTM tee standards.



### Replacement

#### Kit Number

RK FS10-3-1

RK FS10-6

RK PRP-218-3957

RK PRP-124

RK PRP-152

#### Description

3-in-1 Paddle

6" Paddle

O-Ring

O-Ring

O-Ring

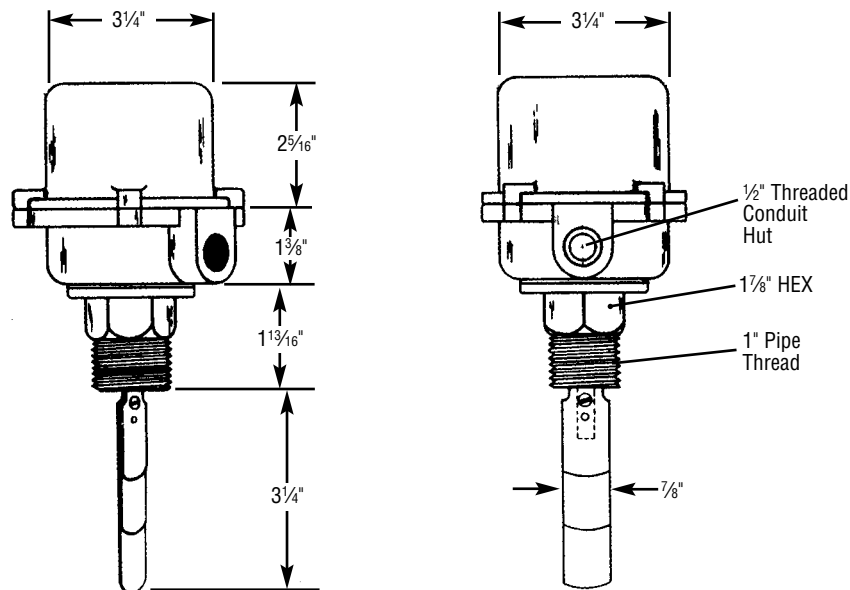
## TYPICAL CONDITIONS

- Equipment splashing water
- Seepage of water
- Leakage of hose directed water
- Severe general condensation
- Windblown dust and water
- Sleet or icy conditions

## FEATURES

- Parts in contact with liquid in pipe are of *brass* and *beryllium* copper.
- Brass alloy bellows seals switch assembly from the line.
- Two adjusting screws (fine and course) provides easy way to adjust sensitivity to flow.
- 1/2" threaded conduit hub to accept standard vapor-proof connectors
- Removable cover for easy access to switch terminals where wiring will not interfere with operation mechanism.
- Cover construction of zinc die-cast with epoxy coated finish.
- Furnished with 1" NPT connection.
- Switch assembly independent and removable from mounting adaptor, allows proper paddle orientation, avoiding improper operation.
- Canadian Standards Association listed.
- Underwriter's Laboratories Inc. listed.

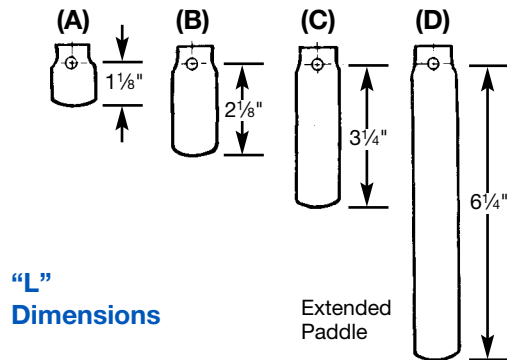
## DIMENSIONS



## PADDLE LENGTH

Included with each flow switch are four paddles. Shortest paddle (A) can be used for 1" pipe size only. Second shortest paddle (B) can be used as is for 2" pipe size; but can be trimmed for 1 1/4" and 1 1/2" pipe size. Third shortest paddle (C) can be used as is for 3" pipe size, but must be trimmed for 2 1/2" pipe size. Longest paddle (D) can be used as is for 6" pipe size, but must be trimmed for 4" and 5" pipe size.

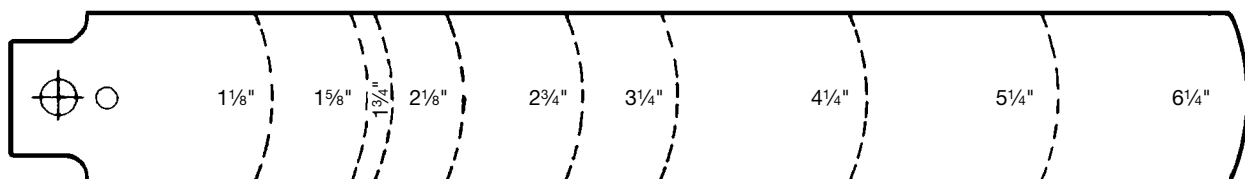
The "L" dimensions below refer to the untrimmed paddle lengths.



See Paddle Length Selection Table on page 6.

"L"  
Dimensions

## ACTUAL SIZE PADDLE TEMPLATE For Trimming



### \*IMPORTANT:

Mount flow switch in position so that the paddle assembly is at a right angle to the flow. The stamped arrow on bottom plate mounting and top cover gum label arrow must both point in direction of flow. (See page 6 for "Installation" and page 7 for "Flow rates and wiring information.")

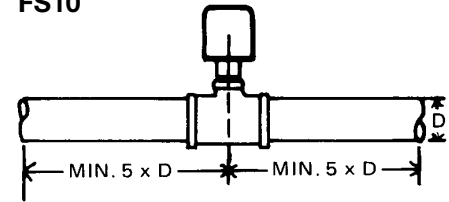
## PADDLE LENGTH SELECTION

Included with each flow switch are four paddles; a 3 in 1 paddle and an extended paddle. Refer to the paddle length selection table below for correct paddle length in relation to the pipe size being used.

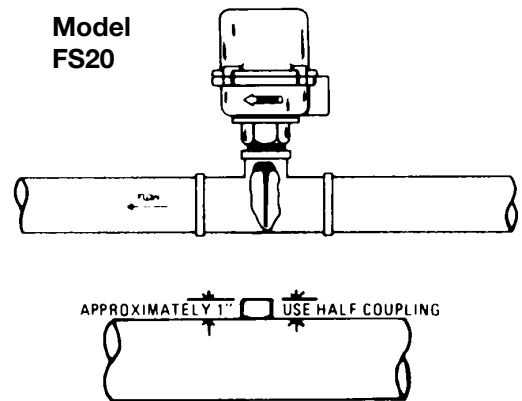
**PADDLE LENGTH SELECTION TABLE**

Pipe Size	Installation Using ASTM Tee		Installation Using Welding Fitting Paddle	Trim Dimension "L"
	Tee Size	Paddle		
1"	1" x 1" x 1"	1" A Segment		
1¼"	1¼" x 1¼" x 1"	1" A Segment & Trimmed 2" B Segment		1⅝"
1½"	1½" x 1½" x 1"	1" A Segment & Trimmed 2" B Segment		1¾"
2"	2" x 1" x 1"	1" A Segment & 2" B Segment	1" A Segment & 2" B Segment	
2½"	2½" x 2½" x 2"	1" A & 2" B Segments & Trimmed 3" C Segments	1" A & 2" B Segments & Trimmed 3" C Segments	2¾"
3"	3" x 3" x 1"	1" A, 2" B, 3" C Segments	1" A, 2" B & 3" C Segments	
4"			1" A, 2" B, 3" C & Trimmed 4" D Segments	4¼"
5"			1" A, 2" B, 3" C & Trimmed 4" D Segments	5¼"
6"			1" A, 2" B, 3" C & Trimmed 4" D Segments	

**Model FS10**



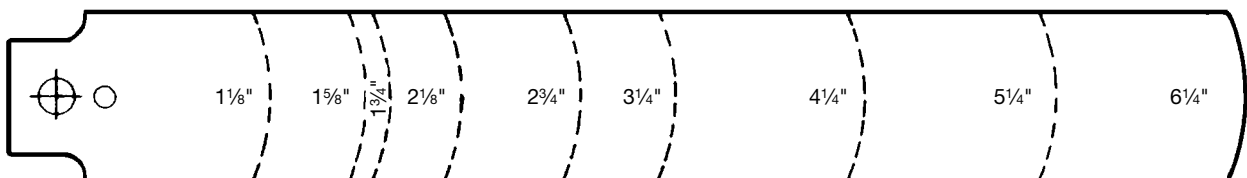
**Model FS20**



If a reducing tee is not available and a standard tee is used, install a face bushing in top opening to keep waterflow indicator as close to tee as possible.

If a welding fitting is to be used, use only a half coupling. (Make sure hole in main is 1⅝" diameter before welding coupling.)

**ACTUAL SIZE PADDLE TEMPLATE For FS10C or FS20.**



## FLOW RATES

### FLOW RATES Required to Actuate the No. FS10C or FS20 Flow Switch in Horizontal Pipe

Flow rates in U.S. gallons per minute (GPM). Velocity in feet per second (FPS).

\*Equipped with extended paddle trimmed to pipe size.

Pipe Size in Which Flow Switch Installed			1"	1¼"	1½"	2"	2½"	3"	*4"	*5"	*6"
Factory or Minimum Flow Setting	ACTIVATION FLOW	GPM	5.2	7.9	10.0	13.2	20.9	30.0	39.0	58.0	79.0
		FPS	2.01	1.74	1.62	1.29	.92	1.30	1.0	.94	.88
	DEACTIVATION NO FLOW	GPM	2.0	3.2	5.3	8.1	9.9	12.0	19.0	29.0	39.6
		FPS	.77	.71	.86	.79	.44	.52	.50	.47	.44
Maximum Flow Setting	ACTIVATION FLOW	GPM	11.5	18.0	18.0	34.1	53.9	52.0	73.5	115.0	166.0
		FPS	4.44	3.98	2.91	3.33	2.38	2.26	1.86	1.85	1.84
	DEACTIVATION NO FLOW	GPM	8.5	14.6	15.1	29.2	44.4	46.1	64.0	92.0	123.0
		FPS	3.28	3.23	2.44	2.85	1.96	2.00	1.67	1.48	1.37

\*Flow rates for these sizes are calculated.

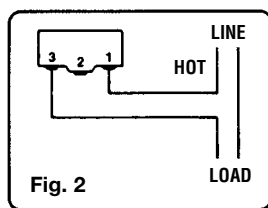
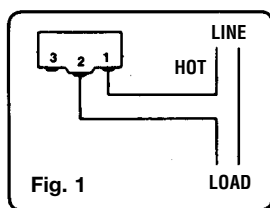
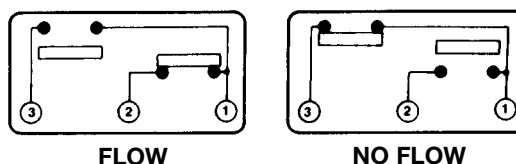
## WIRING

**IMPORTANT:** Electrical installation must be performed by a qualified person and in accordance with local codes.

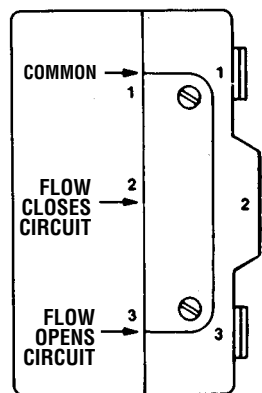
### Electrical Rating

Motor Duty	120 V.A.C.	240 V.A.C.
Full Load	7.4 A.F.L.	3.7 A.F.L.
Locked Rotor	44.4 A.F.L.	22.2 A.F.L.
	120 V.D.C.	240 V.D.C.
	0.3 Amps	0.15 Amps
PILOT DUTY: A.C. 125 V.A., 120-240 V		

### Schematics of No. FS10C or FS20 Operation



1. Flow switch used to sound alarm, light signal, actuate relays or starter switches for motors, pumps, etc., when flow occurs.
2. Flow Switch used to sound alarm, light signal, actuate relays or starter switches for motors, pumps, etc., when no flow occurs.



# WATTS FS10-F Series WATERFLOW INDICATORS

For automatic sprinklers fire protection service and signaling systems for branch lines

Watts waterflow indicators provide a positive way of detecting the flow of water in any distribution, branch or mainline piping of a sprinkler system. They are designed to be used in pipe size 1", 1¼" or 1½" standard ASTM tees. When wired to alarms or signaling systems, it immediately indicates the location of an open head(s).

Quick detection and signaling of an open head(s) can assist in pinpointing:

- the exact fire location
- increase supplementary firefighting activities
- speeds up the fire extinguishing process
- provides effective building evacuation
- minimizes water damage

The supplied paddle is made of beryllium copper and superior to stainless steel in the area of flex memory, tensile strength and corrosion resistance. The indicator light is integral with switch cover and standardly furnished. Factory set and sealed for a minimum alarm flow rate of 4 to 10 GPM.

**INDEPENDENT**  
Switch  
assembly

**EASY WIRING** – cover completely removable, no danger of wires interfering with operation.

**SWITCH** –  
Single pole,  
double throw

**TWO KNOCKOUTS** –  
Connect conduit at  
either side of chassis.

**O-RING INLET ADAPTER** –  
Threaded connection  
(quick paddle orientation in pipe.)

**PADDLE** – made of beryllium  
copper. Quickly adaptable for  
1" to 1½" pipe.

## TYPICAL APPLICATIONS

- Can be wired to make one circuit break a circuit, when flow starts or stops.
- Actuates an alarm when flow is inadequate, deactivates alarm when sufficient flow is restored.

## SPECIFICATIONS

Canadian Standards Assoc. Listed No. LR-5827

Underwriter's Laboratories Listed Canada No. CS-515

Underwriter's Laboratories Listed U.S.A. No. 11S2

**Maximum Pressure:** 175psi

**Maximum Temperature:** 300°F

**Shipping Weight:** 2.5 lbs.

1" NPT connection.

## PADDLES (See Page 10)

3 in 1 Paddle – Beryllium copper paddle quickly adaptable for 1", 1¼" or 1½".

Paddle length conforms to ASTM tee standards.



**Replacement  
Kit Number**

RK FS10-3-1

RK PRP-218-3957

**Description**

3-in-1 Paddle

O-Ring

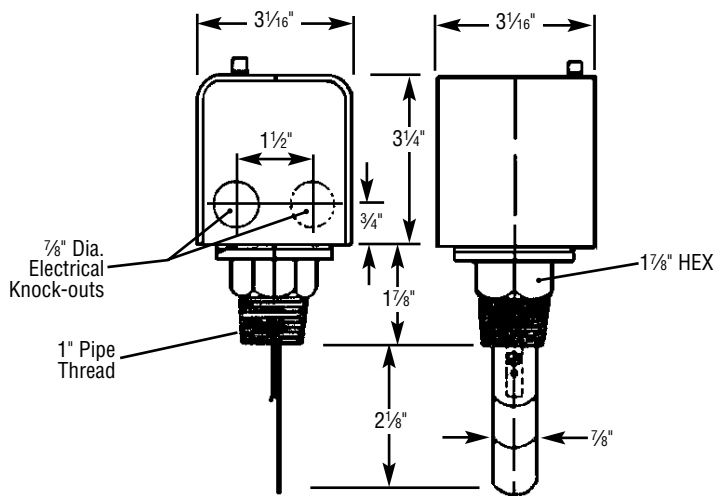


## FEATURES

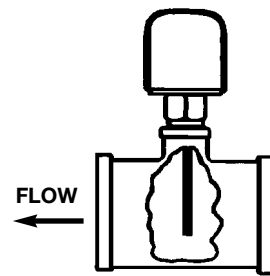
- Parts in contact with liquid in pipe are of *brass* and *beryllium* copper. Waterflow indicator installs in tee in horizontal or vertical piping.
- Single *cover retaining screw* mounted *on top* of the indicator for easy access.
- *Two* electrical conduit knockouts for ease of wiring.
- Easy accessibility to switch terminals where wiring will not interfere with operating mechanism.
- Furnished with 1" NPT connection.
- Switch assembly independent and removable from mounting adaptor. Allows proper paddle measurement, avoiding improper operation.
- Flow indicator light integral with switch cover. Indicates flow or no flow conditions.
- Canadian Standards Association Listed.
- Underwriter's Laboratories Listed: 175psi.



## DIMENSIONS



## LOCATION




Paddle must be free to move. Waterflow indicator can be installed in a reducing tee, standard tee or welded fitting. It should be installed in horizontal or vertical section of a pipe where there is a straight run of at least 5 pipe diameters on each side.

## FLOW RATES

### FLOW RATES REQUIRED TO ACTUATE No. FS10-F IN HORIZONTAL PIPE

*Flow rates in U.S. gallons per minute (GPM). Velocity in feet per second (FPS).*

Equipped with extended paddle trimmed to pipe size.

To be in compliance with  Inc. the units are standardly set and sealed at the factory to operate between 4 and 10 GPM – FPS .648 and 1.62.

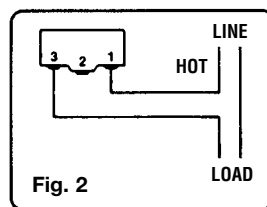
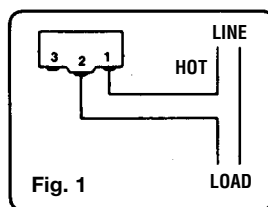
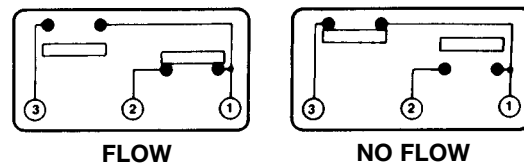
## WIRING

**IMPORTANT:** Electrical installation must be performed by a qualified person and in accordance with local codes.

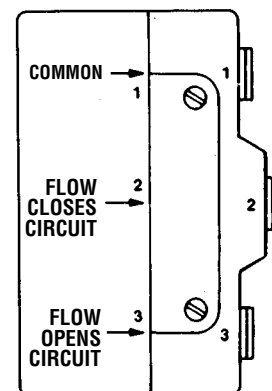
### Electrical Rating

Motor Duty	120 V.A.C.	240 V.A.C.
Full Load	7.4 A.F.L.	3.7 A.F.L.
Locked Rotor	44.4 A.F.L.	22.2 A.F.L.
	120 V.D.C.	240 V.D.C.
	0.3 Amps	0.15 Amps
PILOT DUTY: A.C. 125 V.A., 120-240 V		

### Schematics of No. FS10-F Operation



1. Waterflow indicator used to sound alarm, light signal, actuate relays or starter switches for motors, pumps, etc., when flow occurs.
2. Waterflow indicator used to sound alarm, light signal, actuate relays or starter switches for motors, pumps, etc., when no flow occurs.



# INSTALLATION

## WATERFLOW INDICATOR FS10-F SERIES

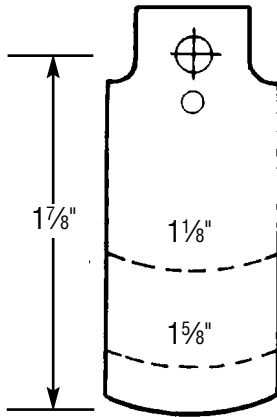
### SPECIAL PURPOSE – FIRE PROTECTIVE SIGNALING:

Underwriter's Laboratories Listed for automatic sprinklers fire protection service and signaling systems.

Watts waterflow indicator provides a positive way of detecting the flow of water in any distribution, branch or mainline piping of a sprinkler system, in pipe sizes from 1" to 1½" only. Wired to alarms or signaling systems, it immediately indicates the location of an open sprinkler head(s).

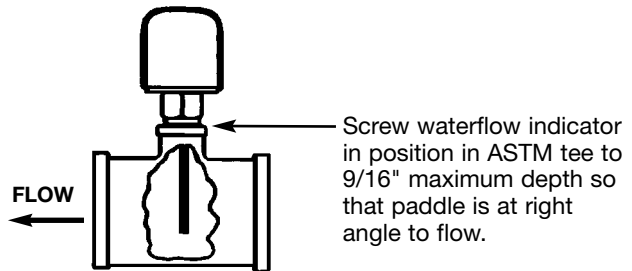
#### ACTUAL SIZE OF SUPPLIED PADDLE

(Trim to Required Size)



#### NOTE:

- When trimming to required size, use template.
- Paddle length conforms to ASTM tee standard.



ALWAYS CHECK OPERATION OF WATERFLOW INDICATOR FOLLOWING INSTALLATION.

PIPE SIZE	PADDLE LENGTH	ASTM TEE SIZE
1" NPT	Length 1 1/8" Trim Paddle to 1 1/8"	1" x 1" x 1" NPT Tee
1 1/4" NPT	Length 1 5/8" Trim Paddle to 1 5/8"	1 1/4" x 1 1/4" x 1" NPT Tee
1 1/2" NPT	Length 1 7/8"	1 1/2" x 1 1/2" x 1" NPT Tee

### SCHEMATICS OF OPERATION:

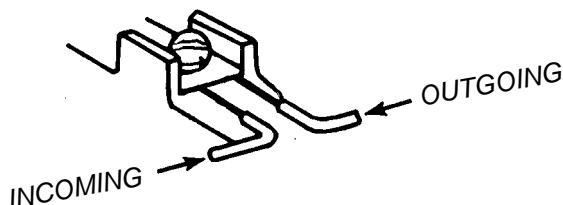
The word **“flow”** means that the switch will open or close the circuit(s) between the terminals as marked, **when flow rate is increased to the required GPM.**

**“No flow”** means switch position will be reversed (opening or closing) the circuit(s) between terminals as marked, **when flow rate is decreased below the required GPM.**

**NOTE:** Supplied leads attached to waterflow indicator are to be used in connection with electrical supervision for incoming and outgoing alarm-initiating-circuit system.

#### INSTRUCTIONS FOR FIRE PROTECTIVE SIGNALING:

Switch terminal connections  
clamping plate terminal



**WARNING;** An uninsulated section of a signal conductor is not permitted to be looped around the terminal and serve as two separate connections. The wire must be severed to serve as two separate connections, thereby providing supervision of the connection in the event that the wire becomes dislodged from under terminal.

## NOTES

---

# For Technical Assistance Call Your Authorized Watts Agent.

			Telephone #	Fax #
	<b>HEADQUARTERS:</b> Watts Regulator Company	815 Chestnut St., North Andover, MA 01845-6098 U.S.A.	978 688-1811	978 794-1848
North East	Edwards, Platt & Deely, Inc.	271 Royal Ave., Hawthorne, NJ 07506	973 427-2898	973 427-4246
	Edwards, Platt & Deely, Inc.	368 Wyandanch Ave., North Babylon, NY 11703	631 253-0600	631 253-0303
	W. P. Haney Co., Inc.	51 Norfolk Ave., South Easton, MA 02375	508 238-2030	508 238-8353
Mid Atlantic	J. B. O'Connor Company, Inc.	P.O. Box 12927, Pittsburgh, PA 15241	724 745-5300	724 745-7420
	RMI	Glenfield Bus. Ctr., 2535 Mechanicsville Tpk., Richmond, VA 23223	804 643-7355	804 643-7380
	The Joyce Agency, Inc.	8442 Alban Rd., Springfield, VA 22150	703 866-3111	703 866-2332
	Vernon Bitzer Associates, Inc.	980 Thomas Drive, Warminster, PA 18974	215 443-7500	215 443-7573
	WMS Sales, Inc. (Main office)	9580 County Rd., Clarence Center, NY 14032	716 741-9575	716 741-4810
South East	Billingsley & Associates, Inc.	2728 Crestview Ave., Kenner, LA 70062-4829	504 602-8100	504 602-8106
	Billingsley & Associates, Inc.	478 Cheyenne Lane, Madison, MS 39110	601 856-7565	601 856-8390
	Francisco J. Ortiz & Co., Inc.	Charlyn Industrial Pk., Road 190 KM1.9 - Lot #8, Carolina, Puerto Rico 00983	787 769-0085	787 750-5120
	Mid-America Marketing, Inc.	203 Industrial Drive, Birmingham, AL 35211	205 879-3469	205 870-5027
	Mid-America Marketing, Inc.	1364 Foster Avenue, Nashville, TN 37210	615 259-9944	615 259-5111
	Mid-America Marketing, Inc.	5466 Old Hwy. 78, Memphis, TN 38118	901 795-0045	901 795-0394
	Smith & Stevenson Co., Inc.	4935 Chastain Ave., Charlotte, NC 28217	704 525-3388	704 525-6749
	Harry Warren, Inc.	1400 North Orange Blossom Trail, Orlando, FL 32804	407 841-9237	407 841-9246
	Watts Georgia	2861-B Bankers Industrial Drive, Atlanta, GA 30360	770 209-3310	770 447-4583
North Central	Aspinall Associates, Inc.	6840 Hillsdale Court, Indianapolis, IN 46250	317 849-5757	317 845-7967
	Dave Watson Associates	1325 West Beecher, Adrian, MI 49221	517 263-8988	517 263-2328
	Disney McLane & Associates	428 McGregor Ave., Cincinnati, OH 45206	800 542-1682	877 476-1682
	BWA Company	17610 S. Waterloo Rd., Cleveland, OH 44119	216 486-1010	216 486-2860
	Mid-Continent Marketing Services Ltd.	1724 Armitage Ct., Addison, IL 60101	630 953-1211	630 953-1067
	Soderholm & Associates, Inc.	7150 143rd Ave. N.W., Anoka, MN 55303	763 427-9635	763 427-5665
	Stickler & Associates	333 North 121 St., Milwaukee, WI 53226	414 771-0400	414 771-3607
South Central	Hugh M. Cunningham, Inc.	13755 Benchmark, Dallas, TX 75234	972 888-3808	972 888-3838
	Mack McClain & Associates	4407 Meramec Bottom, Suite G, St. Louis, MO 63129	314 894-8188	314 894-8388
	Mack McClain & Associates, Inc.	1450 NE 69th Place, Ste. 56 Ankeny, IA 50021	515 288-0184	515 288-5049
	Mack McClain & Associates, Inc.	15090 West 116th St., Olathe, KS 66062	913 339-6677	913 339-9518
	OK! Sales, Inc.	214-A NE 12th., Moore, OK 73160	405 794-5200	405 954-5250
	Phoenix Marketing, Ltd.	2416 Candelaria N.E., Albuquerque, NM 87107	505 883-7100	505 883-7101
Western	Delco Sales, Inc.	1930 Raymer Ave., Fullerton, CA 92833	714 888-2444	714 888-2448
	Delco Sales, Inc.	111 Sand Island Access Rd., Unit I-10, Honolulu, HI 96819	808 842-7900	808 842-9625
	Fanning & Associates, Inc.	6765 Franklin St., Denver, CO 80229-7111	303 289-4191	303 286-9069
	Hollabaugh Brothers & Associates	6915 South 194th St., Kent, WA 98032	253 867-5040	253 867-5055
	Hollabaugh Brothers & Associates	3028 S.E. 17th Ave., Portland, OR 97202	503 238-0313	503 235-2824
	P I R Sales, Inc.	3050 North San Marcos Place, Chandler, AZ 85225	480 892-6000	480 892-6096
	Preferred Sales	31177 Wiegman Road, Hayward, CA 94544	510 487-9755	510 476-1595
	R. E. Fitzpatrick Sales, Inc.	4109 West Nike Dr. (8250 South), West Jordan, UT 84088	801 282-0700	801 282-0600
Canada	Watts Industries (Canada) Inc. (Watts Regulator Co. Division)	5435 North Service Road, Burlington, Ontario L7L 5H7	905 332-4090	905 332-7068
	Con-Cur West Marketing, Inc.	71B Clipper Street, Coquitlam, British Columbia V3K 6X2	604 540-5088	604 540-5084
	D.C. Sales Corporation Inc.	#10-6130 4th St. S.E., Calgary, Alberta T2H 2B6	403 253-6808	403 259-8331
	D.C. Sales Corporation Inc.	11420 142 Street, Edmonton, Alberta T5M 1V1	780 496-9495	780 496-9621
	GTA Sales Team.	Greater Toronto Area	888 208-8927	888 479-2887
	Hydro-Mechanical Sales, Ltd.	3700 Joseph Howe Drive, Suite 1, Halifax, Nova Scotia B3L 4H7	902 443-2274	902 443-2275
	Hydro-Mechanical Sales, Ltd.	P.O. Box 1445 (Mailing), 297 Collishaw St., Suite 7 (shipping) Moncton, New Brunswick E1C 9R2	506 859-1107	506 859-2424
	J.D.S. Sales Ltd.	4 Lancaster Street, St. John's, Newfoundland A1A 5P7	709 579-5771	709 579-1558
	Le Groupe B.G.T., Inc.	23 du Buisson, Pont Rouge, Quebec G3H 1X9	418 873-2500	418 873-2505
	Le Groupe B.G.T., Inc.	86 des Entreprises #208, Boisbriand, Quebec J7G 2T3	450 434-9010	450 434-9848
	Mar-Win Agencies, Ltd.	1333 Clifton St., Winnipeg, Manitoba R3E 2V1	204 775-8194	204 786-8016
	Northern Mechanical Sales	P.O. Box 280 (mailing) 163 Pine St. (shipping), Garson, Ontario P3L 1S6	705 693-2715	705 693-4394
	Palser Enterprises, Ltd.	P.O. Box 28136 (mailing), 1885 Blue Heron Dr., #4, London, Ontario N6H 5L9	519 471-9382	519 471-1049
	RAM Mechanical Marketing Inc.	1401 St. John Street, Regina, Saskatchewan S4R 1S5	306 525-1986	306 525-0809
	RAM Mechanical Marketing Inc.	510 Ave M South, Saskatoon, Saskatchewan S7M 2K9	306 244-6622	306 244-0807
	Walmar Mechanical Sales	24 Gurdwara Rd., Nepean, Ontario K2E 8B5	613 225-9774	613 225-0673
0625	<b>EXPORT Hdqtrs.:</b> Watts Regulator Co.	815 Chestnut St., North Andover, MA 01845-6098 U.S.A.	978 688-1811	978 794-1848



Water Safety & Flow Control Products

USA: 815 Chestnut St., No. Andover, MA 01845-6098; [www.watts.com](http://www.watts.com)

Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; [www.wattscanada.ca](http://www.wattscanada.ca)

F-FS10C/FS10F/FS20 0424

© Watts Regulator Company, 2006