

WATER FLOW SWITCHES

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INTRODUCTION

Model HFS series are employed throughout building to sense the start or stop of liquid flow in oil, water flowing lines.

Typically, They are used in interlock systems to prevent equipment start up before sufficient flow exists in cooling systems, the HFS series is used to shut down equipment if the water flow drops to a predetermined value. They are also in pump should be flow from a primary pump fail.

SPECIFICATION

Operating pressure	10 bars, 20 bars
Max. temperature	100 Deg. C
Electric Amps	15 Amps 250Vac
Switch acting	SPDT
Paddle	Stainless steel
Bellows life	50K cycles
Cover	ABS, SUS, M.S

HFS-25-M,T,S SERIES

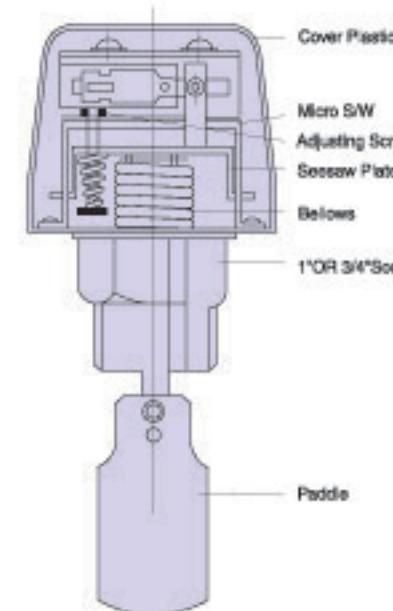


MODEL SELECT

Model	Size	Pressure	Cover
WFS-1001-H	1"	10kg	ABS
WFS-1002-H	1"	20kg	"
WFS-1003-H	1"	10kg	SUS
HFS-25	1"	10kg	ABS
HFS-20	3/4"	"	"
HFS-15	1/2"	"	"
HFS-25-T	1"	20kg	S.C
HFS-20-T	3/4"	20kg	"
HFS-15-T	1/2"	20kg	"
HFS-25-M	1"	10kg	M
HFS-20-M	3/4"	10kg	"
HFS-15-M	1/2"	10kg	"
HFS-25-S	1"	10kg	S.C
HFS-25-S	1"	20kg	S.C

" S.C : SUS COVER, M : MILD STEEL, T : 20 KG

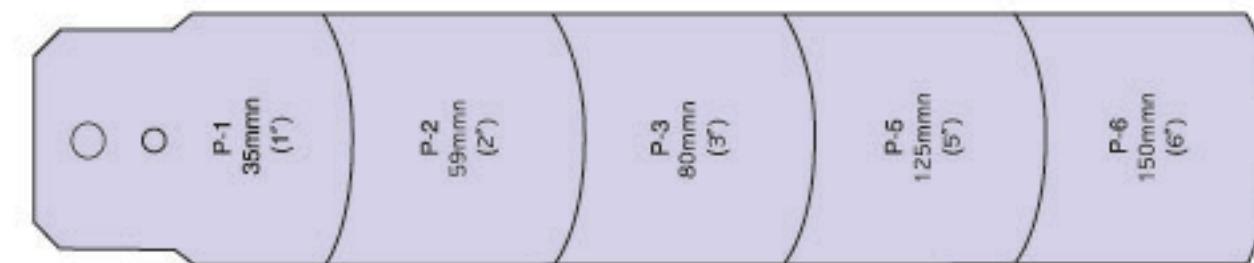
PARTS LIST



Flow rates in liters per minute (LPM)

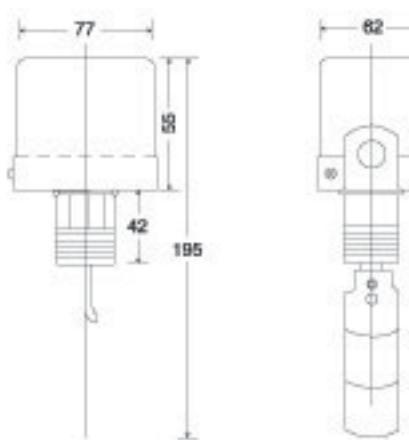
1	Pipe size	2"	4"	6"	8"	10"	12"	14"	16"	18"	20"
2	Flow q'ty	34.5	74.90	149.90	1013.47	1791.0	2776.00	3729.00	4869.00	5360.00	6687.00
3	Paddle	1 pc	2 pcs	3 pcs	5 pcs	5 pcs	5 pcs	5 pcs	5 pcs	5 pcs	5 pcs

■ Flow rates are averages which may vary ± from tabulated values. *Equipped with extended paddle trimmed to pipe size.

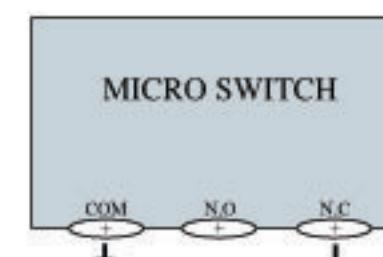


Note 1. Individual Sus Paddles are quickly adaptable for 1 inch to 3 inch (25to80mm)pipe.
2. Standard model is 1 inch to 3 inch hbok@hanafos.com

DIMENSIONS



ELECTRIC CONNECTION



WIRE CONNECTION ON FLOW