

HOW TO ORDER A QUICK-SHIP MAGNICATOR II

1. Select available options from configuration guide.
2. Enter selected options below to generate a model number.

Configuration Guide				
2	3	4	5	
Chamber Style	Drawing Reference	Process Connection Size	Flange Class Rating	General Material
SF or ESF	MIIH-SF-QS1 MIIH-ESF-QS3	½" RFSO ¾" RFSO 1" RFSO 2" RFSO	150# or 300#	304 Chamber w/ CS Flanges or 316/316L Chamber and Flanges
	MIIH-SF-QS2 MIIH-ESF-QS4	¾" RFSW 2" RFSW	600#	
ST/SW or EST/ESW	MIIH-ST-SW-QS5 MIIH-EST-ESW-QS6	½" FNPT / FSW ¾" FNPT / FSW	150# or 300#	

Model Number: MII

Magnicator II (1) **Specific Gravity** (6) **Options** (11)

Chamber Style (2) **Max Working Press (PSIG)** (7)

SF **Process Connection Size** (3) **Max Working Temp. (°F)** (8)

ESF 04= 1/2" **Centers/Visible Range** (9)

ST* 06= 3/4" Exact Inches

EST* 08= 1" **Indicator Type** (10)

SW* 16= 2" FL= Flag (Wafer)

ESW* **Flange Class (ANSI)** (4) **General Material** (5)

01= 150# RA= 304, CS Flanges

03= 300# T = 316 / 316L

06= 600#

* Only available in ½" & ¾" connection size.

MS= Metric Scale
PS= Percent Scale
IF= Interface
NS=No Scale
NI=No Indicator
DV=3/4" Vent/Drain, Plugged

EXAMPLE MODEL NUMBER

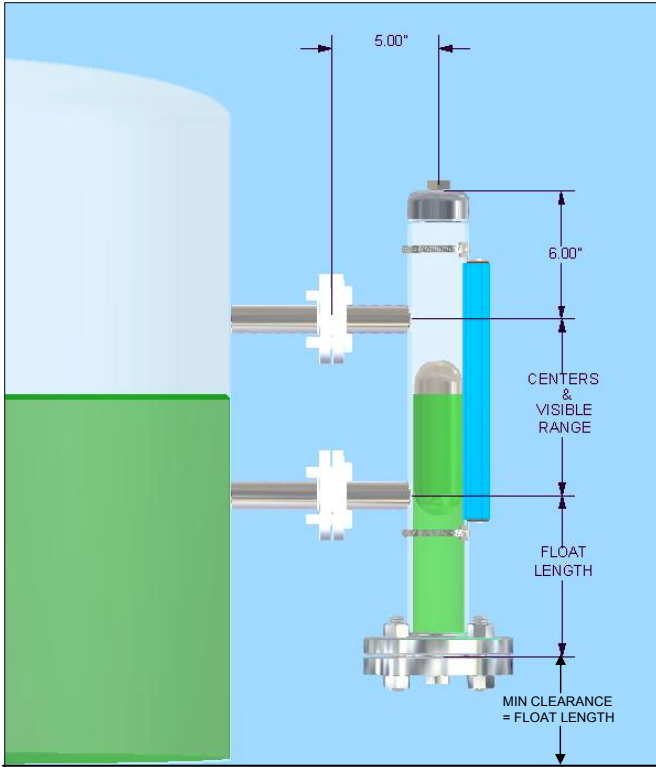
Model Number: MII-SF-08-01-RA-1-150-500-60-FL

Description

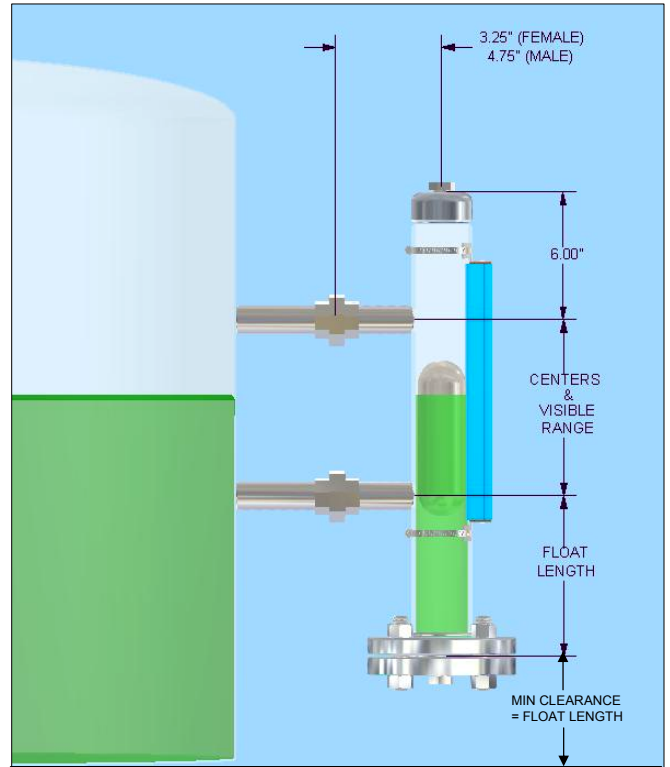
1) Magnicator	MII	6) Specific Gravity	1.0
2) Chamber Style	SF	7) Max Working Press (PSIG)	150 PSIG
3) Process Connection Size	1.0" Raised Face Slip On	8) Max Working Temp (F)	500 (°F)
4) Flange Class (ANSI)	150# ANSI	9) Centers/Visible Range	60.0"
5) General Material	304 SS W/ CS Flanges	10) Indicator Type	Flag

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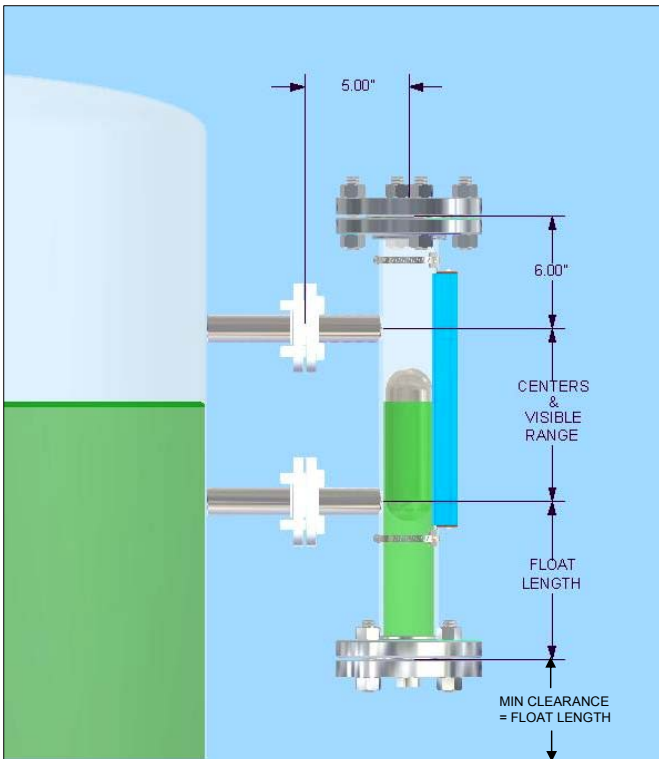
CHAMBER STYLES



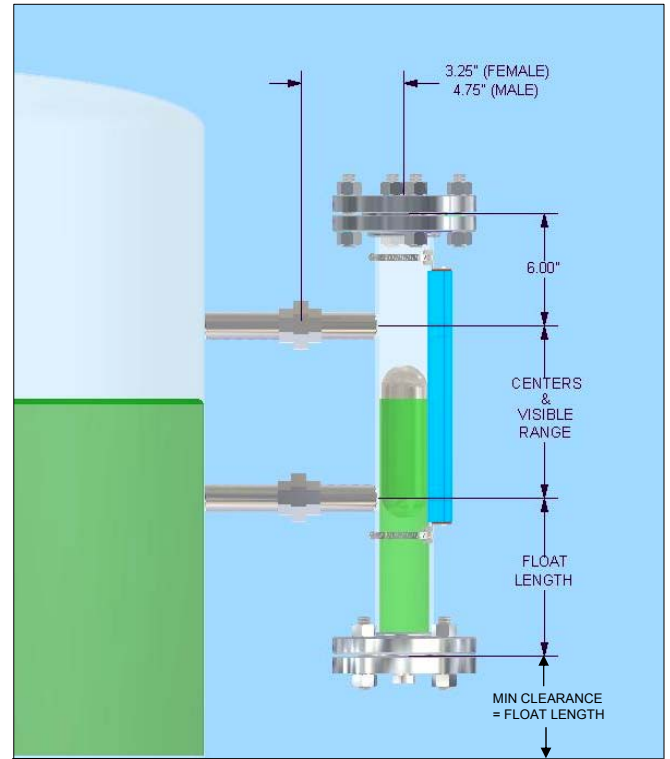
SF Side Flanged



**ST Side Threaded
SW Side Socket Weld**



ESF End/Side Flanged



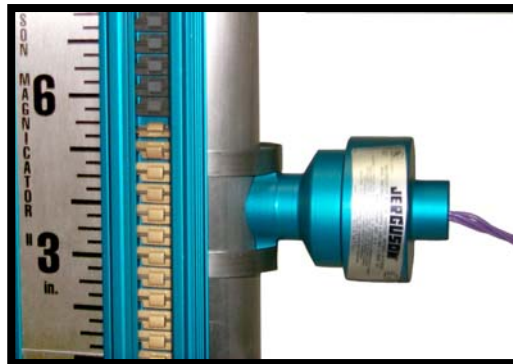
**EST End Flanged/Side Threaded
ESW End Flanged/Side Socket Weld**

SELECT ACCESSORIES

Accessory	Model No.	Part No.
Mechanical Tri-Magnet Switch	SAS-16	A25669
SAS-16 w/ Terminal Strip & Junction Box	SAS-16	A26044
Mechanical Reed SPDT Switch	RS-2	A24305-1-RH/LH
Mechanical Reed DPDT Switch	RS-2/2	A24305-2-RH/LH
Magnetostrictive Transmitter	MTII-4200	A25989-
Magnetostrictive Transmitter	MTII-4200-BENT	A26077-



RS-2



SAS-16



MTII-4200

Magnicator®II Float Pressure/SG Rating

Flange Class Rating	Float Diameter	Flange Material	Float Material	Pressure Rating @ Listed Temperature										Minimum SG		
				100°F (38°C)		250°F (121°C)		400°F (204°C)		550°F (288°C)		700°F (371°C)		Standard Float		
				psig	kPag	psig	kPag	psig	kPag	psig	kPag	psig	kPag	12"	17"	22"
150#	2-1/4"	316SS	316SS	275	1896	225	1551	195	1344	155	1069	110	758	0.63	0.55	0.50
		316SS	Titanium	275	1896	225	1551	195	1344	155	1069	C.F. ⁵	C.F. ⁵	0.57 ⁴	0.49 ⁴	0.45 ⁴
300#	2-1/4"	316SS	316SS	720	4964	590	4068	515	3551	465	3206	430	2965	0.74	0.65	0.61
		316SS	Titanium	720	4964	590	4068	515	3551	465	3206	C.F. ⁵	C.F. ⁵	0.73 ⁴	0.67 ⁴	0.60 ⁴
600#	2-1/4"	316SS	316SS	1440	9928	1180	8136	1025	7067	927.5	6395	870	5998	0.91	0.80	0.76
		316SS	Titanium	1440	9928	1180	8136	1025	7067	927.5	6395	C.F. ⁵	C.F. ⁵	C.F. ⁵	C.F. ⁵	C.F. ⁵

Notes:

- 1) Pressure and temperature are per flange class material as listed above.
- 2) Specific gravities shown meet upper limits of flange class rating per listed materials. Lower specific gravities may be reached when process conditions are lower than the working limits shown above.
- 3) Table intended as a guide only. Actual float length and material may change with actual conditions.
- 4) Titanium not recommended over 600F.
- 5) C.F.: Consult Factory



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