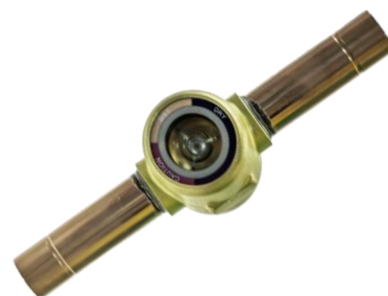


D A T A S H E E T

The HMI-S is designed to provide an accurate method of determining the moisture content of a system's refrigerant.

Features

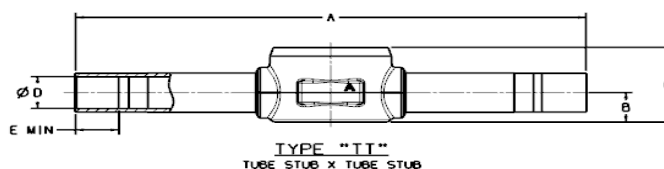
- Compatible with R22, R410A, R32, R407C, R134a, R404A, R507A, R448A, R449A, R450A and R513A
- Best in class sensing wafer
- Hermetic leak-free construction
- Accurate color calibration at low ppm levels and higher temperatures
- Wide angle viewing/high visibility window for ease of monitoring
- All brass corrosion resistant body
- Solid copper connections
- Maximum working pressure: 680 Psig
- Agency Approval: UL



Models selection

PCN	Model Name	Connection Type	Connection Size (Inch)
067116	HMI-S TT 2	ODF * ODF	1/4
067115	HMI-S TT 3		3/8
067107	HMI-S TT 4		1/2
067108	HMI-S TT 5		5/8
067118	HMI-S TT 6		3/4
067117	HMI-S TT 7		7/8
067114	HMI-S TT 9		1-1/8

Dimensional data (Inch)



Model	Connection Size	A	B	C	D	E Min
HMI-S TT 2	1/4 ODF	5.56	0.34	0.94	0.25	0.38
HMI-S TT 3	3/8 ODF	5.61	0.34	0.94	0.38	0.40
HMI-S TT 4	1/2 ODF	5.88	0.47	1.19	0.50	0.50
HMI-S TT 5	5/8 ODF	5.88	0.61	1.50	0.63	0.63
HMI-S TT 6	3/4 ODF	6.56	0.61	1.50	0.75	0.63
HMI-S TT 7	7/8 ODF	6.31	0.67	1.67	0.88	0.75
HMI-S TT 9	1 1/8 ODF	6.59	0.67	1.67	1.13	0.79

	HMI – S TT Moisture Indicator	Cooling Controls
	D A T A S H E E T	

Water Content Color Code (ppm H₂O)

Refrigerants	Liquid Temperature (°C)	Water Content Color Code (mg Water per Kg refrigerant, ppm)			
		Blue	Purple	Fushia	Rose
		DRY		CAUTION	WET
R22	25	25	40	80	145
	38	35	65	130	205
	52	50	90	185	290
R404A/R507A	25	15	33	60	120
	38	25	50	110	150
	52	45	60	140	180
R134a	25	20	35	90	130
	38	35	55	120	160
	52	50	85	150	190
R32	25	6	9	21	34
	38	8	14	29	46
	52	12	20	43	69
R448A	25	22	32	41	141
	38	31	45	59	203
	52	43	62	81	282
R449A	25	22	32	41	141
	38	31	45	59	203
	52	43	62	81	282
R450A	25	13	19	24	82
	38	18	26	34	118
	52	25	36	47	164
R513A	25	13	19	24	82
	38	18	26	34	118
	52	25	36	47	164

Notes:

- It is recommended to replace the filter dryer when indicator shows “Fushia (WET)” and “Rose (CAUTION)”.
- The system is considered safe when indicator shows “Blue (DRY)” and “Purple”.