

## Air Conditioning & Refrigeration Controls

### SIGHT GLASSES & MOISTURE INDICATORS

#### SOURCE 1 Sight Glasses



Sight glass and moisture indicator provides a quick visual indication of refrigerant and moisture levels within a system. The sight glass indicates if the system has the proper refrigerant level, a restricted dryer, or excessive pressure-drop. The moisture indicator recognizes moisture within the system, which may indicate a problem that could result in corrosion, chemical damage, restricted flow, or even compressor failure. Etch-resistant glass with a simple color comparison provides easy viewing and quick diagnostics. Sweat models feature copper fittings to permit solder installation without disassembly. Leak-proof design is compact and short in length to easily fit within a unit.

SOURCE 1 PART NO.	CONNECTIONS (INCHES)	MLP \$
S1-SG-3S	SWEAT 3/8	
S1-SG-4S	SWEAT 1/2	

#### Sporlan See-All Moisture and Liquid Indicator



**Features:**

- Extremely accurate
- Full view sight glass
- Indicator protected by filter pad and screen
- Replaceable indicator element

SOURCE 1 PART NO.	SPORLAN PART NO.	DWG NO.	CONNECTION SIZE AND TYPE	OVERALL LENGTH	SHIPPING WT. (LBS.)	MLP \$
S1-700026	SA-12FM	SA-1	1/4 SAE M X 1/4 SAE F	2.56	.50	
S1-700052	SA-12S	SA-2	1/4 ODF	4.62	.50	
S1-700078	SA-13		3/8 SAE	3.37		
S1-700091	SA-13FM	SA-1	3/8 SAE M X 3/8 SAE F	2.97	.50	
S1-700130	SA-13S	SA-2	3/8 ODF	4.62	.50	
S1-700260	SA-14FM	SA-1	1/2 SAE M X 1/2 SAE F	3.44	.63	
S1-700299	SA-14S	SA-2	1/2 ODF	4.87	1.00	
S1-700416	SA-15S	SA-2	5/8 ODF	4.87	1.00	
S1-SV-700468	SA-15U	SA-2	5/8" M FLARE X F SWIVEL	4.87	1.00	
S1-700507	SA-17S	SA-2	7/8 ODF	6.31	1.50	
S1-700546	SA-19S	SA-2	1-1/8 ODF	6.31	1.50	

MOISTURE CONTENT PPM								
SEE-ALL SHOWS	R-22		R-134A		R-404A & R507		R-407C	R-410A
	LIQUID LINE TEMP							
	25°C	40°C	25°C	40°C	25°C	40°C	25°C	25°C
GREEN DRY	BELOW 30	BELOW 45	BELOW 50	BELOW 80	BELOW 15	BELOW 30	BELOW 120	BELOW 75
CHARTREUSE CAUTION	30-90	45-130	50-200	80-225	15-90	30-140	120-280	75-150
YELLOW WET	ABOVE 90	ABOVE 130	ABOVE 200	ABOVE 225	ABOVE 90	ABOVE 140	ABOVE 280	ABOVE 150

NOTE: Change or add Catch-All Filter-Drier when paper turns from green to chartreuse.

**BOLD** figures are for the average design conditions of refrigerant liquid lines operating at 100°F. Since the actual temperature is not critical, a satisfactory estimate can be made by comparing it to body temperature. If it feels cool to the touch, use 75°F; if it feels warm, use 125°F column figures.

### DRIERS

#### SOURCE 1 Liquid Line Filter Driers (Solid Core)



**Features:**

- Solid Core Design for increased service life
- XH-11 molecular sieve with activated Alumina
- Compatible with all refrigerants, including 134a, 401 A/B, 402 A/B, 404A, 407 A/B/C, 410A, 502, 507A
- Solid copper sweat connection fittings, Steel tube body
- Drier meets ANSI 63.1-1995
- Desiccant meets ANSI 35-1992
- Max Working Pressure = 680 psi, Min Burst Pressure = 3400 psi
- Powder Coat meets 500hr salt spray
- UL Listed

SOURCE 1 PART NO.	TYPE	ODF	CU IN	MLP \$
S1-SLFD053S	LIQUID	3/8	5	
S1-SLFD083S	LIQUID	3/8	8	
S1-SLFD163S	LIQUID	3/8	16	
S1-SLFD164S	LIQUID	1/2	16	
S1-SLFD305S	LIQUID	5/8	30	