

**SIGHT GLASSES**



**PROTECH Sight Glasses**



PROTECH™ sight glasses provide a quick visual diagnosis of refrigerant and moisture levels within a system. The sight glass indicates if the system has the proper refrigerant level, a restricted drier or excessive pressure drop and provides early warning that a potential failure exists that could result in corrosion, chemical damage, restricted flow, or even compressor failure.

- Hermetic design minimizes possibility of refrigerant leakage
- Premium patented 3% high accuracy moisture indicator (compare to 10% on most competitive models) with accurate color calibration at low ppm levels
- All brass corrosion resistant body and solid copper fittings
- Suitable for R-22 and R-410A, 680 psig maximum working pressure

PART NO	CONNECTION TYPE	CONNECTION SIZE (IN)	OVERALL LENGTH (IN)
83-25156-01	Sweat ODF	1/4	4-5/8
83-25156-02	Sweat ODF	3/8	4-5/8
83-25156-04	Sweat ODF	1/2	4-7/8
83-25156-05	Sweat ODF	5/8	4-7/8
83-25156-03	Flare SAE (M/F)	3/8	3



**Sporlan See-All Sight Glasses**



- Painted steel body with copper fittings
- Includes protective cap for glass viewing window
- Suitable for R-22 and R-410A, 650 psig maximum working pressure

PART NO	VENDOR PART NO	CONNECTION TYPE	CONNECTION SIZE (IN)	OVERALL LENGTH (IN)
83-25211-01	SA-12S	Sweat ODF	1/4	4-5/8
83-25211-02	SA-13S	Sweat ODF	3/8	4-5/8
83-25211-04	SA-14S	Sweat ODF	1/2	4-7/8
83-25211-05	SA-15S	Sweat ODF	5/8	4-7/8
83-25211-03	SA-13FM	Flare SAE (M/F)	3/8	3
SA-14FM	SA-14FM	Flare SAE (M/F)	1/2	3 7/16



**Emerson HMI Series Hermetic Sight Glasses**



- Hermetic design minimizes possibility of refrigerant leakage
- Premium patented 3% high accuracy moisture indicator (compare to 10% on most competitive models) with accurate color calibration at low ppm levels
- All brass corrosion resistant body and solid copper fittings
- Suitable for R-22 and R-410A, 680 psig maximum working pressure

PART NO	CONNECTION TYPE	CONNECTION SIZE	OVERALL LENGTH
83-HMI-1TT2	Sweat ODF	1/4	5-9/16
83-HMI-1TT3	Sweat ODF	3/8	5-5/8
83-HMI-1TT4	Sweat ODF	1/2	5-7/8
83-HMI-1TT5	Sweat ODF	5/8	5-7/8
83-HMI-1TT6	Sweat ODF	3/4	6-9/16
83-HMI-1TT7	Sweat ODF	7/8	6-5/16
83-HMI-1TT9	Sweat ODF	1-1/8	6-19/32
83-HMI-1MM2	Flare SAE (M/M)	1/4	3-1/8
83-HMI-1MM3	Flare SAE (M/M)	3/8	3-3/8
83-HMI-1MM4	Flare SAE (M/M)	1/2	3-5/8
83-HMI-1MM5	Flare SAE (M/M)	5/8	3-7/8
83-HMI-1MM6	Flare SAE (M/M)	3/4	5
83-HMI-1FM2	Flare SAE (M/F)	1/4	2-3/4
83-HMI-1MU2	Flare SAE (M/F)	1/4	3-29/32
83-HMI-1MU3	Flare SAE (M/F)	3/8	4-3/8
83-HMI-1FM3	Flare SAE (M/F)	3/8	3
83-HMI-1FM4	Flare SAE (M/F)	1/2	3-7/32