



## SANYO Commercial Solutions

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# Technical Service Bulletin

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Topic: **Service Port Gauge Connections**

Applicable Product: All Sanyo R-410a Air Conditioners and Heat Pumps

Please be aware that all of **Sanyo's new R-410a products incorporate 5/16 inch service ports** rather than the traditional 1/4 inch service port found on most R-22 systems. This change in service port size helps to insure that gauge sets used for R-22 products are not used on R-410a.

Sanyo's R-410a systems utilize PolyVinyl Ether (PVE) oil as opposed to mineral oils used with most R-22 systems. Every effort should be made to prevent the introduction of mineral oil into a R-410a system. For that reason Sanyo strongly urges the use of "dedicated R-410a Gauge Sets" for use with our products or any R-410a system.

5/16 inch hose sets are available from a number of manufacturers such as Ritchie Yellow Jacket. For example, 48 inch long hoses use Yellow Jackets following UPC numbers:

- 29404 = Yellow
- 29424 = Blue
- 29464 = Red

Each of the above hoses is provided with a 5/16" service port connection.

An existing R-410a gauge set with 1/4 inch hose connections may be used by attaching Yellow Jackets R-410a Coupler/Adapter UPC number 19173. **Please be certain that such a gauge set does not contain mineral oils.**

For additional details please access our technical literature using our website at [www.sanyohvac.com](http://www.sanyohvac.com) or contact our technical service department at 800-851-1235.