

# SEA FROST®

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## Quick Connect Line Set Ends

These end fittings can be used to shorten or repair the 1/8" & 5/16" BD line sets. Swagelok mechanical connectors are used to allow easy field installation.

\$ 20.00 ~ 1/8" line set end

\$ 20.00 ~ 5/16" line set end

## Evaporator fitting service tools

These fittings connect to the line set fittings. R-134a quick connect gauge ports allow leak checking, evacuation, and vapor charging of plates, without affecting refrigerant charge in the compressor.

\$ 42.80 ~ service fitting tool (set of 2)



## Installation of quick connect line set ends: Swagelok procedures

**1/8" line Installation:** Clean tubing where you plan to cut. Use a triangular file and score tubing 360 degrees. Carefully snap tubing. Loosen nut slightly, but do not disassemble. Insert tubing into fitting approximately 9/16" of an inch. Finger tighten nut. Scribe nut and tighten using two wrenches, **3/4 of a turn**.

**5/16" line Installation:** Clean tubing where you plan to cut. Use a standard tubing cutter, cut slowly, do not de-burr. Loosen nut slightly, but do not disassemble. Insert tubing into fitting approximately 5/8" of an inch. Finger tighten nut. Scribe nut and tighten using two wrenches, **1 and 1/4 turns**.

**Evaporator fitting service tools connection:** Connect the Evaporator fitting service tools to the newly installed end fittings. Use two wrenches and tighten 1/8 of a turn past wrench snug. Connect service gauges. Evacuate for 20 minutes with a high quality vacuum pump. Break the vacuum with 134a refrigerant vapor only; this can go to maximum bottle pressure. Leak check all connections. Disconnect evaporator fitting service tools. Cap all open fittings. Evaporator is now ready to connect to the to the condensing unit.