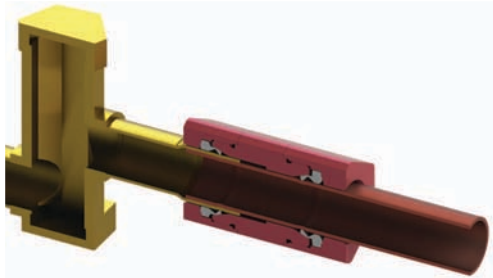


METAL TO METAL SEALING

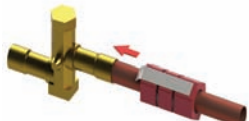
Technology solution for flare leaks and brazing problems



No Elastomers seal the refrigerant

EASY INSTALLATION

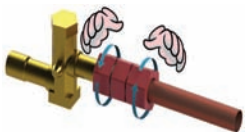
H-AC/R Fitting solution to reduce your labor cost and installation time



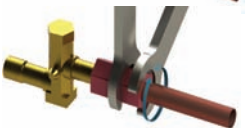
PUSH



PEEL



LOCK



TIGHTEN



CHECK

QUALITY STANDARDS

Eco friendly material



www.smartlockfitting.com

CONTACT US

The Global SmartLock Group, Inc.

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Carrollton, TX 75007

Operations

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Grapvine, TX 76502

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Tel: 980.333.4530

Fax: 980.231.2094

Email: sales@smartlockfitting.com

Sales and Service Office

(For South and Southwest Territories)

Tel: 214.304.2083

SMARTLOCK®

High Pressure Quick Connection

Innovative Fitting for H-AC/R
CU & AL Line Connections



No Brazing
No Flaring
No Leaking

www.smartlockfitting.com



▶ APPLICATION

Simple Solution for
Air Conditioning, Heat Pump AND
Refrigeration Line Connections

Including:
Ductless Mini-Splits

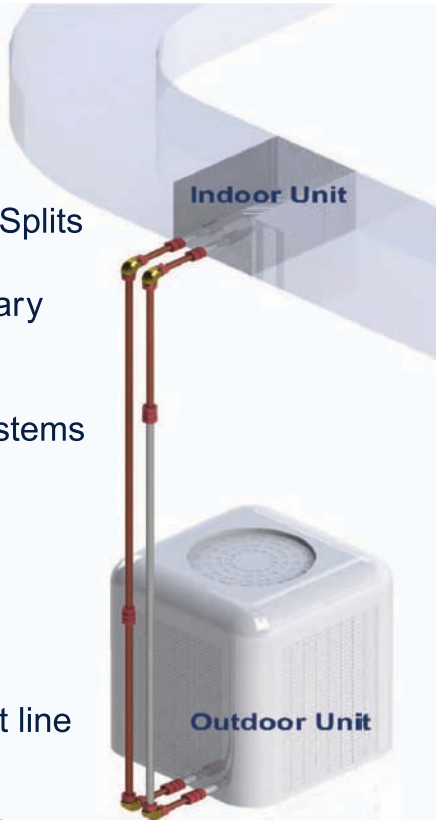
Standard Unitary
Swages

Multi Zone Systems

VRF Systems

Refrigeration
Systems

Any refrigerant line



NO BRAZING
NO FLARING
NO WELDING
NO FIRE HAZARD
NO HOT WORK PERMIT
NO SPECIAL GAUGE
NO MARKER
NO SPECIAL TOOL
NO OXIDATION, NITROGEN PURGING

▶ TECHNOLOGY

TUBE MATERIAL COMPATIBILITY

- Applicable for Copper & Aluminum tubing.
- Other materials available (contact us).

 **CU+CU**

 **CU+AL**

 **AL+AL**

APPLICATION SPECIFICATIONS

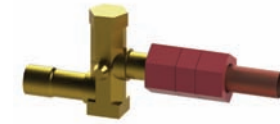
High Temperature
-40C to 150C (-40F~302F)

Design Pressure Range
1/4" -1700psig to 7/8" -960psig

Burst Pressure Range
1/4" -9700psig to 7/8" -4800psig
*Tube is the limiting factor in
system pressure

Refrigerant - any including:
R-717 (Ammonia)
R-410A (R-32 50%, R-125 50%)
R-22 (Chlorodifluorethane)
R-134a (1,1,1,2-Tetrafluoroethane)
R-744 (Carbon Dioxide)

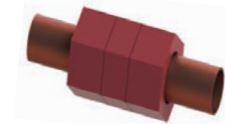
▶ PRODUCT



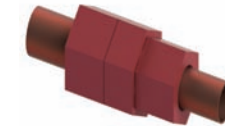
Swage Union



Flare
Connector



Union



Reducer



Elbow

Product size range 1/4" to 7/8"

Other sizes being developed

SPECIAL FITTINGS

Other configurations can be produced:

- flare reducers and expanders
- special swage unions



FCRD1238 AVAILABLE NOW
Please contact us with your requirements