ZoomLock® PUSH
Push-to-Connect Refrigerant Fittings

No Torch. No Tools. No Problem.



Do you want a safer, cleaner, faster way to connect copper piping for air conditioning installs? With ZoomLock PUSH all you need to do is:

- Prepare the refrigerant piping
- Push-to-connect in seconds
- Revel in the savings to your bottom line

ZoomLock PUSH fittings are an excellent option for the air conditioning contractor looking to make leak-free copper connections in seconds, without the use of a brazing torch or press tool and jaw.

ZoomLock PUSH, made of a robust, durable brass body, features a multiple O-ring design.

Size Availability (Inches)
Couplings, Elbows, and Ball Valves
1/4”, 3/8”, 1/2”, 5/8”, 3/4”, 7/8”

SAE Flare Adapters
1/4”, 3/8”, 1/2”, 5/8”



The ZoomLock PUSH Advantage

- No press tool or jaws needed
- Fast and easy install
- Cleaner system installs
- Secure, leak-free connections
- Safer conditions, no fire hazards
- No hot-work permits
- No need to nitrogen-purge
- Flexible access to job sites
- Sealed, individual packaging to assure a clean system install
- Available in couplings, elbows, SAE flare adapters, as well as bi-directional ball valves

Parker

ZoomLock. The Name You Know—The Brand You **TRUST.**

ZoomLockPUSH.com

ZoomLock PUSH R410A OPTIMIZED

COUPLINGS



Size (Inches)	Part Number	Description
1/4	777100	PZKP-C4-HNBR
3/8	777101	PZKP-C6-HNBR
1/2	777102	PZKP-C8-HNBR
5/8	777103	PZKP-C10-HNBR
3/4	777104	PZKP-C12-HNBR
7/8	777105	PZKP-C14-HNBR

ELBOWS - 90 degree



Size (Inches)	Part Number	Description
1/4	777110	PZKP-90E4-HNBR
3/8	777111	PZKP-90E6-HNBR
1/2	777112	PZKP-90E8-HNBR
5/8	777113	PZKP-90E10-HNBR
3/4	777114	PZKP-90E12-HNBR
7/8	777115	PZKP-90E14-HNBR

SAE FLARE ADAPTERS



Size Inches	Part Number	Description
1/4	777106	PZKP-F4-HNBR
3/8	777107	PZKP-F6-HNBR
1/2	777108	PZKP-F8-HNBR
5/8	777109	PZKP-F10-HNBR

BALL VALVES



U.L. Listed
No. SA5460

Size (Inches)	Part Number	Description (With Access Port)
1/4	777170	PZKP-BV4-HNBR
3/8	777171	PZKP-BV6-HNBR
1/2	777172	PZKP-BV8-HNBR
5/8	777173	PZKP-BV10-HNBR
3/4	777174	PZKP-BV12-HNBR
7/8	777175	PZKP-BV14-HNBR

The **Type PZKP-BV** ball valve with forged brass body construction, integrated ZoomLock PUSH connections, and an access fitting, has full size ports to allow for unrestricted flow on all sizes. All PZKP-BV ball valves are bi-directional and may be installed in any position.

- Continuous temperature range: -40°F to +248°F (-40°C to +120°C)
- Installation temperature (15 minutes max) limit: 300°F (149°C)
- Design working pressure: 870 psig (60 bar)

ZoomLock PUSH REMOVABLE

COUPLINGS



Size (Inches)	Part Number	Description
1/4	777133	PZKPR-C4
3/8	777134	PZKPR-C6
1/2	777135	PZKPR-C8
5/8	777136	PZKPR-C10
3/4	777137	PZKPR-C12
7/8	777138	PZKPR-C14

ELBOWS - 90 degree



Size (Inches)	Part Number	Description
1/4	777143	PZKPR-90E4
3/8	777144	PZKPR-90E6
1/2	777145	PZKPR-90E8
5/8	777146	PZKPR-90E10
3/4	777147	PZKPR-90E12
7/8	777148	PZKPR-90E14

SAE FLARE ADAPTERS



Size Inches	Part Number	Description
1/4	777139	PZKPR-F4
3/8	777140	PZKPR-F6
1/2	777141	PZKPR-F8
5/8	777142	PZKPR-F10

Installation Parts and Accessories

INSTALLATION KIT

3 piece ZoomLock PUSH installation kit includes depth gauge, permanent marker, and Scotch-Brite® general purpose hand pad. Tubing cutter and deburring tool sold separately.

Description: PZKP-IK, **Part Number:** 777091



REMOVAL TOOLS

Removal tools for 1/4” - 7/8” sizes of ZoomLock PUSH removable fittings.

Description: PZKPR-RT, **Part Number:** 777090



ZoomLock PUSH PUSH-TO-CONNECT REFRIGERANT FITTINGS

Applications

- **High Pressure HVAC/R**

Product Parameters

- **Continuous Operating Temperature:**
  250°F / 121°C
- **O-Ring Temperature Rating:**
  -40°F to +300°F
  -40°C to +149°C
- **Maximum Rated Pressure (MRP):**
  870 psig / 60 bar
- **Minimum Burst Pressure (UL 207):**
  4,355 psig / 300 bar
- **Vacuum Pressure Capability:**
  200 Microns
- **External Leak Rate:**
  <0.1 Ounces of Helium per Year at Operating Pressure Range
- **Vibration Resistance:**
  Conforms to UL109
- **Size Availability (Inches):**
  1/4, 3/8, 1/2, 5/8, 3/4, 7/8

Fitting Materials

- **Fitting Body:**
  Brass
- **O-Ring:**
  R410A Optimized: HNBR
  Removable: Chloroprene

Compatibility

- **Approved Lubricants:** POE, PVE
- **Approved Tubing Materials:**
  Copper to Copper Connections
- **Approved Tubing Tolerance:**
  ASTM B280, UNI EN 12735
- **Approved Copper Tubing Types:**
  Hard Copper (Drawn)
  - 1/4" – 7/8" Type ACR, M, L, K
  Soft Copper (Annealed)
  - 1/4" – 7/8" Type ACR, L, K

Agency Approvals and Certifications

- UL Listed SA7511
  Approved use for field and factory installations
- ASHRAE-15, ANSI 15, ASME B31.5, ANSI 31.5

Fitting Warranty

- Refer to Catalog K-2.

Approved Refrigerants

Refrigerant	R410A Optimized Fittings	Removable Fittings
R22	—	✔
R32	✔	✔
R134a	✔	✔
R290	✔	✔
R404A	✔	✔
R407A	✔	✔
R407C	✔	✔
R407F	✔	✔
R410A	✔	✔
R448A	✔	✔
R449A	✔	✔
R454B	✔	✔
R507	✔	✔

Refer to ZoomLockPUSH.com for the latest approved refrigerants list.

Learn More

Point and scan with your phone's camera.

Catalog K-2 ZoomLock PUSH

⚠**WARNING – USER RESPONSIBILITY**

Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

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