RECTORSEAL

A CSW Industrials Company

PRODUCT DATA SHEET

PRO-FIT™ QUICK CONNECT

Push-to-Connect Refrigerant Fittings

Description

PRO-Fit Quick Connect push-to-connect refrigerant fittings quickly connect copper and aluminum linesets for mini-split and unitary HVAC units. With no flaring or brazing involved, refrigerant lines can be securely and safely connected by PRO-Fit Quick Connect in various environments.

The unique, leak-proof double O-rings sealing design creates a permanent high pressure gas seal that prevents connection leaks caused by galling, vibration, pulsation and extreme temperature changes.



Packaging

NOTE: The units are individually sealed to allow for resale by a distributor.

Code	Description	Qty per Case	Lbs per Case	Cubic Feet
87018	1/4" Union	10	1.492	0.0399
87019	3/8" Union	10	1.984	0.0399
87020	1/2" Union	10	2.43	0.0599
87021	5/8" Union	10	2.75	0.0599
87022	3/4" Union	10	5.056	0.1199
87023	7/8" Union	10	5.802	0.1199
87024	1/4" Elbow	10	1.598	0.0399
87025	3/8" Elbow	10	2.196	0.0399
87026	1/2" Elbow	10	2.876	0.0599
87027	5/8" Elbow	10	3.334	0.0599
87028	3/4" Elbow	10	5.58	0.1199
87029	7/8" Elbow	10	6.648	0.1199
87030	1/4" to 3/8" Reducer	10	1.786	0.0399
87031	3/8" to 1/2" Reducer	10	2.374	0.0599
87032	1/2" to 5/8" Reducer	10	2.916	0.0599
87033	1/4" to 3/8" Elbow Reducer	10	1.942	0.0399
87034	3/8" to 1/2" Elbow Reducer	10	2.64	0.0599
87035	1/2" to 5/8" Elbow Reducer	10	3.254	0.0599
87036	1/4" Socket	10	1.288	0.0399
87037	3/8" Socket	10	1.854	0.0399
87038	1/2" Socket	10	2.286	0.0599
87039	5/8" Socket	10	2.866	0.0599
87042	1/4" Valve	5	1.122	0.0399
87043	3/8" Valve	5	1.592	0.0399
87044	1/2" Valve	5	2.16	0.0599
87045	5/8" Valve	5	2.452	0.0599
87048	1/4" – 5/8" Support Kit Line Marking Tool & Disconnect Clips	10	1.83	0.0599
87049	3/4" – 7/8" Support Kit Line Marking & Disconnect Tools	10	0.674	0.0399

Applications

- Flame-free fittings for connecting refrigerant lines
- For HVAC/R up to 870 psi (60 bar)
- Prevent refrigerant lineset leaks

Recommended for

- Residential use
- Coated aluminum linesets
- Mini-split HVAC units
- Unitary indoor coils

Characteristics | Features

- Quick and easy push-in
- Flame-free: no flaring or brazing needed
- Single-use with quick-release removal
- Robust brass body, durable & reliable
- Leak-proof double O-rings sealing
- Complete system with all sizes and configurations
- High tensile strength
- Vibration and impact resistant
- UV resistant
- Corrosion resistant
- Sight window for connection verification
- Compatible with major refrigerants, including R410A and R22

c UL us
LISTED
Refrigerant Fitting
5ND2

Instructions

TO CONNECT FITTING:
1. Cut the Tube.
2. De-burr.
3. Use prep tool (sold separately) to determine depth.
4. Mark insertion depth.
5. Push into fitting.
6. Double check through window on fitting.

TO DISCONNECT FITTING:
The refrigeration system must be isolated, or pumped down before disconnecting. Press the release with disconnect clip to remove tubing. Make sure that the fitting and tube are free from defects. The fitting and tubing should be free of damage, foreign object and marks on the outside diameter. Do not insert fingers in the grip ring inside the fitting.

⚠ **WARNING** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

For additional technical information, call toll free 1-800-231-3345.

Limited Warranty Certificate

1. Limited Warranty
This Limited Warranty is a pass-through warranty from the manufacturer of the product, Essen Tech Co., LTD ("Manufacturer") to RectorSeal, LLC ("RectorSeal") and on to you. Manufacturer warrants that, subject to the terms and conditions set out in this Certificate, the product subject to this sale will be of good quality and workmanship and free of defects f**or a period of five (5) years after the date you purchase the products.** This Limited Warranty does not apply to changes to the product or variations of color (fading), shade or texture of the product due to age or fair and ordinary wear and tear.

The foregoing Limited Warranty will be voided under the following conditions or circumstances:
(a) the product has not been stored, used, installed or maintained in accordance with Manufacturer's specifications, instructions, operating and maintenance instructions or in compliance with the use or proper purpose intended by Manufacturer;
(b) the product defect has been caused by negligence, abuse, misuse, unauthorized alteration, repair, tampering, reconstruction or maintenance (including modification of labels or packaging) or the use of sub-standard consumables or non-approved recommended refrigerants;
(c) the product defect has been caused by abnormally corrosive conditions, high temperatures, open flame, fire, accidents, entry by vermin or insects or acts of God, including without limitation, storms, cyclones, floods, earthquakes and other natural disasters;
(d) the product defect or the relevant loss or damage was caused by good(s) or material(s) that are not manufactured or supplied by Manufacturer;
(e) the product or any part of the product has been used or combined with good(s) or other material(s), or has been replaced with a part not supplied or approved by Manufacturer;
(f) the products were installed in multi-family or commercial applications;
(g) the product was not sold to you by RectorSeal's authorized distributors;
(h) you were capable of preventing the damage or further damage, but did not do so; or
(i) neither Manufacturer nor RectorSeal were provided reasonable access to the product to physically inspect it, perform testing and/or obtain samples after you filed a warranty claim.

2. Your Exclusive Remedy
This Limited Warranty solely covers replacement of that portion of the product proven to be defective due to a manufacturing defect. You are responsible for any labor costs associated with replacing the defective part. If replacement product is not available, Manufacturer may provide a product of a similar grade.

Replacement of a product does not re-start the warranty period. Neither Manufacturer nor RectorSeal will be liable under any circumstances for consequential, incidental, special or punitive damages or losses (including without limitation loss of profits or losses flowing from delays or interruption to business), however, caused (including through negligence), which you may directly or indirectly suffer in connection with your use of the product.

EXCEPT FOR THE LIMITED WARRANTY SET FORTH HEREIN, NEITHER MANUFACTURER NOR RECTORSEAL MAKES ANY WARRANTY WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING (A) WARRANTY OF MERCHANTABILITY; OR (B) WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, WHETHER EXPRESS OR IMPLIED, BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE.

3. Arbitration
(a) ARBITRATION CLAUSE. IMPORTANT. PLEASE REVIEW THIS ARBITRATION CLAUSE. IT AFFECTS YOUR LEGAL RIGHTS.
(b) Parties: This arbitration clause affects your rights against Manufacturer, RectorSeal and any of their respective affiliates or employees or agents, successors, or assigns, all of whom together are referred to below as "we" or "us" for ease of reference.
(c) ARBITRATION REQUIREMENT: EXCEPT AS STATED BELOW, ANY DISPUTE BETWEEN YOU AND ANY OF US SHALL BE DECIDED BY NEUTRAL, BINDING ARBITRATION RATHER THAN IN COURT OR BY JURY TRIAL. "Dispute" will be given the broadest possible meaning allowable by law, and includes any dispute, claim, or controversy arising from or relating to your purchase of the product, any warranty upon the product, or the product's condition. It also includes determination of the scope or applicability of this Arbitration Clause. This arbitration requirement applies to claims in contract and tort, pursuant to statute, or otherwise.
(d) CLASS-ARBITRATION WAIVER: ARBITRATION IS HANDLED ON AN INDIVIDUAL BASIS. IF A DISPUTE IS ARBITRATED, YOU AND WE EXPRESSLY WAIVE ANY RIGHT TO PARTICIPATE AS A CLASS REPRESENTATIVE OR CLASS MEMBER ON ANY CLASS CLAIM YOU MAY HAVE AGAINST US OR WE AGAINST YOU, OR AS A PRIVATE ATTORNEY GENERAL OR IN ANY OTHER REPRESENTATIVE CAPACITY. YOU AND WE ALSO WAIVE ANY RIGHT TO CLASS ARBITRATION OR ANY CONSOLIDATION OF INDIVIDUAL ARBITRATIONS.

(e) Discovery and Other Rights: Discovery and rights to appeal in arbitration are generally more limited than in a lawsuit. This applies to both you and us. Other rights that you or we would have in court may not be available in arbitration.
(f) Costs of the Arbitration: Each party is responsible for its own attorney, expert, and other fees unless applicable law requires otherwise. Manufacturer will pay your share of the fees charged by the arbitration organization and arbitrator(s) beyond the first $200. Where permissible by law, you may be required to reimburse Manufacturer for the fees of the arbitration organization and arbitrator(s) in whole or in part by decision of the arbitrator(s) at the discretion of the arbitrator(s).

4. Filing a Claim

Any claim under this Limited Warranty must be notified to RectorSeal in writing within 30 days following the discovery of the alleged defect accompanied with (a) proof of purchase including date of purchase; (b) the date and site of installation; and (c) a description of the alleged defect. You must send your claims to:

RectorSeal, LLC
2601 Spenwick Road
Houston, TX 77055
Tel: (713) 263-8001
Email: techservice@rectorseal.com

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state or province to province.

A CSW Industrials Company. RectorSeal, the logos and other trademarks are property of RectorSeal, LLC, its affiliates or its licensor's and are protected by copyright, trademark and other intellectual property laws, and may not be used without permission. RectorSeal reserves the right to change specifications without prior notice. ©2020 RectorSeal. All rights reserved. R50112-0120