

TEECO

Topics

Oct Nov Dec 2024



Serving the Propane Industry Since 1946

News, Information and Products for the LP-Gas Equipment Professional

Get Your Bobtail Ready for Winter

Head into winter prepared! Use Teeco's Winter Bobtail Preparation Checklist to keep your trucks in top shape for the busy season.

Winter Bobtail Preparation Checklist

Stock Up On:

- New Gloves for every driver
- Chock Blocks
- Flashlights
- Replacement Regulators, Pigtails
- Methanol & Methanol Injectors
- Fire Extinguishers

Inspect & Repair:

- Pumping Systems
- Metering Systems
- Piping Systems
- Hose Reels
- Hose Assemblies



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Proudly Manufactured in the USA

Quality Steel Tanks Are Available For Pickup At The Following Teeco Locations: Sacramento, CA | Auburn, WA | Irvine, CA

Teeco Products is a longtime business partner with Quality Steel Corporation. We have Quality Steel tanks ready for pickup at our Sacramento, CA; Irvine, CA and Auburn, WA locations - Or for delivery to your location. Truckloads of tanks can also be delivered directly to you. Call Teeco for your next order of tanks!



Available inventory varies by location. For full load orders, contact your Teeco Sales Representative.

Don't forget Regulators, Pigtails and Anode Bags!

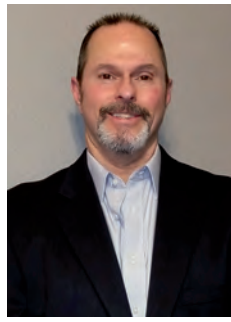


Quality LP Gas Products from a Company You Can Trust

Outside the Box

With Jay Stephens

President and CEO
Teeco Products, Inc.



Happy Holidays to each and everyone. We know this can be a very stressful time both personally and professionally. The cold weather can be very frightful for all of our employees who spend time attempting to deliver propane and providing service to keep all of our end-users safe.

I am reminded of when I was a retail manager and still had my commercial license. Obviously, us working managers did whatever it took to get 'the fuel from the big tank into the small tanks'. So of course, when someone was sick, I would jump in the bobtail. I always found plenty of respect for my drivers anytime I had to 'walk in their shoes'. Why is it that every time I found myself in the bobtail, I was faced with rain, sleet, snow, mud, narrow roads and slippery driveways or even 100-degree days with no air conditioning (dating myself). If you have been in this business long enough, you know what I am talking about. Whether you come in contact with military personnel, emer-

gency responders, service technicians or bobtail drivers; make sure you thank them for their service. They all go above and beyond!

I also want to thank Rob Scott as a new contributor to Teeco Topics. Rob will be providing a safety topic with each edition.

Jay Stephens

Words to live by –

"Walk with the dreamers, the believers, the courageous, the cheerful, the planners, the doers, the successful people with their heads in the clouds and their feet on the ground. Let their spirit ignite a fire within you to leave this world better than when you found it..."

- Wilferd Peterson

Need Product Training?



FREE Teeco Tailgate Training Sessions

Teeco's Regional Sales Managers are equipped to train you and your team on an array of propane equipment. They can provide FREE onsite training in your training room, at the tailgate of your truck, or wherever it's most convenient for you.

Some of the most requested topics are RegO Regulators, Filler Valves & Service Valves, Smith Pumps, Corken Pumps, and Cathodic Protection. However classes can often be tailored to suit your company's specific training needs.

Contact your Teeco Representative for more information, or to schedule a free training session.

TEECO Topics is published four times yearly by TEECO Products, Inc. as a service to our customers. 3,000 copies are distributed to customers and selected LPG industry leaders.

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SAFETY FIRST: Tips from the Pro

On-Site Cylinder Filling

By Rob Scott

In the propane industry, safety is the cornerstone of our values. We strive to protect both the environment and the customers we serve. In WPGA training classes, I often remind students that once the job is completed and before they leave, they should ask themselves if they would let their family live in the home they just worked in.

There has been a long-standing question about whether recertification of DOT 420 cylinders is necessary when they are filled on-site. It has been widely believed that if these cylinders are not being transported in commerce and are solely filled on-site for use, recertification is not needed as outlined in DOT regulation 49 CFR, section 180.209 (e) (g). While this is true by regulation, we must remember that our priority is safety.

My long-time mentor, Al Linder, once emphasized that it is our responsibility to ensure that all work performed meets the industry safety standards. We must always evaluate whether a cylinder is safe to still be in service. NFPA addressed this concern in 2004 by adding two new sections to their guidelines.

With the addition of subsection 5.2.3 that requires the inspection of stationary cylinders that are filled on-site at their points of use. It also provides a method for non-Dot requalifying of cylinders that are filled where they are used.

Section 5.2.3.1 Cylinders in stationary service that are filled at the point of use and, therefore, are not under the authority of DOT shall follow one of the following criteria:

- (1) They shall be requalified following DOT requirements.
- (2) They shall be visually inspected within 12 years of the date of manufacture and every 5 years thereafter, following 5.2.3.2 through 5.2.3.4. (Lemoff, 2004, p. 65,66)

The major difference is that weighing the empty container is exempted because of the safety issue of adding gas transfer that emptying the cylinder would create.



A cylinder that does not meet one or more criteria must not be refilled or put back into service until the issue is resolved. When we refer to “continued in service,” it means that once a problem is discovered, the cylinder must be removed from service or repaired at once due to the safety concerns found. Only trained and qualified personnel should perform these inspections. Training can be conducted using the PERC Requalification of Cylinders Training Booklet. It is important to document this training, and refresher training should occur every three years.

Procedures for visual inspections are available at 5.2.3.4 and are consistent with those used during transportation, except for the marking of the cylinder. A cylinder that passes the visual examination must be marked with the month and year of the examination, followed by the letter “E” (“10-01E” indicating requalification in October 2001 by the external inspection method). (Lemoff, 2004, p. 66)

It is essential to understand that the inspection is different from the requalification inspection. The individual conducting the inspection does not have to have a RIN number, which shows that the cylinder has received a requalification according to DOT guidelines. The label applied to the cylinder should only show the date of the inspection, with no RIN number displayed on the container.

Article written by Rob Scott: I have spent the last 41 years in the propane industry, working in all aspects; from retail bulk plants to working for a propane equipment manufacturer building propane facilities. My family has been involved in the industry since the early 1940s. For the last 25 years, I have been a safety consultant to the Western Propane Gas Association for various codes.

Wall Hugger Cylinder Vise

Combining big performance with a small profile, the unique design of the powerful Wall Hugger Cylinder Vise allows you to replace cylinder valves quickly and easily, yet doesn't require a lot of valuable dock space - using less floor space than a sheet of paper!

For use with all propane cylinders from 20 lb - 100 lb.
Dimensions: 13" W x 14" D x 36" H

Item #	Description
A-CV	Wall Hugger Cylinder Vise



Proudly Manufactured in the USA

Features:

- High density, non-marring cushion pads to hold and protect your assets
- 5,000# test nylon strap and ratchet assembly
- Reversible anchor plates, allowing for floor or wall mount
- 80# capacity adjustable small cylinder platform
- Handy parts tray



*Out &
About With*



Let It Snow!

Teeco Regional Sales Manager of the Pacific Northwest, Randy White, shared this view of the first snow of the season going over White Pass in Washington State.

WPGA Board Meeting with Teeco's Jay Stephens, Ray Gutierrez and Randy White

WPGA was excited to host its members, as well as vendors and exhibitors from across the Western U.S., to visit Portland for the Fall Board Meeting of the Western Propane Gas Association. Portland's Convention Center and nearby hotels will serve as the home of the 2026 Western Convention & Trade Show. Nestled next to the Willamette River, the Center and host hotel, the Hyatt Regency, entertained attendees over several days with dinners, receptions, and tours of the sites for future shows.

At a cocktail reception overlooking the river, attendees heard from Visit Portland about the amenities that are available for those visiting while snacking on hors d'oeuvres and sliders. Later that evening, a six-course chef's tasting menu and wine flight pairing was provided for those lucky enough to RSVP to sample some of the best food in the city. And exhibitors, vendors, and future attendees of the convention were offered a private tour and walkthrough of the show floor and preview of what amenities will be offered in 2026.



Teeco Training Day in Sacramento

Teeco's Sacramento Team held a full day of training in October for our customers in the Northern California area. We had a record number of attendees, along with some excellent training from these propane equipment manufacturers.



Kirsten Bellar of Algas- SDI covered "Why use a vaporizer", along with vaporizer selection, sizing and best installation practices.



CJ Smith of Smith Pumps discussed installation, rebuilding, and troubleshooting of their E-series pumps and motors



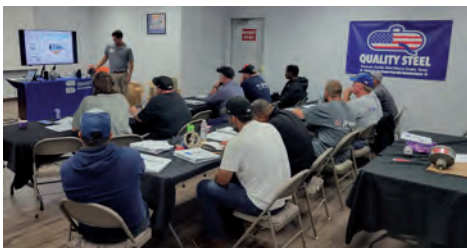
Teck Yap of Corken went over cylinder dispensing pumps (including C-model and Autogas) and their innovative new Propane Miser.



Chris Bowers of Red Seal Measurement trained customers on Neptune Meters.



Jordan Janes of RegO discussed RegO's core products, along with their new Presto-Link.



Teeco's Regional Sales Managers have years (and in some cases, decades) of experience in the propane industry. That's a lot of knowledge that they're happy to share. Our Regional Sales Managers are here for you and always ready to help!

Need training for your team? Let us know! Our team can provide on location training or arrange group trainings with product manufacturers.



Mike Lorenz

Mike serves Teeco's customers in the Upper Rocky Mountains and the Midwest. He joined the Teeco Team in 2019, and has been in the propane industry since 2015



Gary Morse

Gary spends his time taking care of our customers in California, Hawaii, Nevada. He joined Teeco in 2022 and has been in the propane industry since 2001.



Randy White

Randy covers the Pacific Northwest, visiting customers in OR, WA and AK. He joined Teeco as our Regional Operations Manager in 2020, and transitioned into his current role in 2022. His service in the propane industry dates back to 1998.



Gavin Sharp

Our newest addition, Gavin, joined Teeco this year, serving our customers in the Four Corners Territory of CO, NM, UT and AZ. But he's no stranger to propane. He's worked in the industry dating back to 2009.

Teeco's 2025-2026 Calendars Are Here!

Ask your Regional Sales Manager on his next visit or request yours with your next order.



Custom Built Hose Assemblies



Teeco's locations in Sacramento CA, Auburn, WA and Rapid City, SD are all certified to build hose assemblies.

We build to your specifications, pressurizing each to 150% of working pressure and providing full certification, so you get exactly what you need in a snap. Need custom sizes... no problem! We can build hose assemblies from 1/4" to 2" to meet your needs.

In a hurry? We keep several pre-built lengths in stock for dispensers. We also have pre-packaged hoses in a variety of lengths, ready to go for BBQs, camping equipment, patio heaters, portable heaters, fire pits, and more.

Parker Key Assembler Partner

Below are some of our most popular sizes. Contact Teeco for your specific hose needs.

Working Pressure 350 PSI. Burst Rating 1750 PSI.

Item #	Hose I.D.	End Fittings	Length
360-10	1/2"	1/2" MPT x 1/2" MPT	10'
360-15			15'
360-20			20'
361-1	3/4"	3/4" MPT x 3/4" MPT	1'
361-1 1/2			1 1/2'
361-10			10'
361-15			15'
361-18			18'
362-25	1"	1" MPT x 1" MPT	25'
363-15	1 1/4"	1 1/4" MPT x 1 1/4" MPT	15'
363-20			20'
365-15	2"	2" MPT x 2" MPT	15'
365-20			20'

Any hose... Any application



Teeco is an authorized **Smart-Hose** distributor, with solutions for your transports, storage tank systems, and everything else.

The Smart-Hose Safety System is built into a stainless steel metal hose to prevent or eliminate the catastrophic consequences of a hose separation resulting from a pull away or major hose rupture.

In the event of such an occurrence, the Smart-Hose Safety System will shut off the flow of product in both directions, instantly upon hose separation.

DOT Certified 1 1/4" LPG Smart-Hose (LL1)

Textile Braid LPG Hose, 316 SS, 350 PSI WP Poppet style valve

Part #	Description
R09-010-33-0180-0-21-21	1 1/4" X 15', MNPT X MNPT
R09-010-33-0222-0-00-00	1 1/4" X 18' 6", FNPT X FNPT

DOT Certified 2" LPG Smart-Hose (LL3)

Textile Braid LPG Hose, DOT Certified, 316 SS, 350 PSI WP Flapper style valve

Part #	Description
R09-016-32-0180-0-00-00	2" X 15', MNPT X MNPT
R09-016-33-0222-0-00-00	2" X 18' 6", FNPT X FNPT

Some of the most common sizes are shown here, however custom lengths and options are available to fit your specific needs.

Contact your Teeco Representative for information on **Smart-Hose Breakaway Assemblies** and the **Smart-Hose Refurbishing Program**.

Fairview / Gas-Flo Bobtail Hose 

Low Temp / High Temp LP-Gas Bobtail Delivery Hose

- 60° F to +140° F Temps Makes Hose Easier to Handle in Colder Temperatures
- Factory Certified Testing Certificates for Every Hose Assembly
- Custom Lengths Available
- CSA Listed, UL Listed



Item #	Description
F362-100	1" x 100' Bobtail Delivery Hose Assembly
F362-125	1" x 125' Bobtail Delivery Hose Assembly
F362-150	1" x 150' Bobtail Delivery Hose Assembly



Repair Kits Available for All Bypass Valves

As part of Corken's continuous improvement program, repair kits with Buna-N trim are now available for each bypass valve. Listed below are the part numbers and contents for each repair kit. For a complete parts list and instructions for disassembly and assembly, consult the respective Installation, Operation, & Maintenance (IOM) manual.

NOTE: All equipment must be turned off and depressurized before any repairs are made. Only qualified personnel may dismantle, repair, and assemble Corken equipment.

Valve Model	Kit #	Contents	Description
"B166B 3/4" or 1" with "B" spring (50-150) psi range"	5150-XA	1251	Valve, steel—B166B
		1137	Ball—B166B
		1139	Ball spring—B166B/B235
		2-217A	O-ring, Buna-N
		2-224A	O-ring, Buna-N
"B166B 3/4" or 1" with "C" spring (100-225) psi range"	5151-XA	2732	Center headbolt gasket
		1251	Valve, steel—B166B
		1137	Ball—B166B
		2035	Ball spring—B166B
		2-217A	O-ring, Buna-N
"T166 All sizes"	5152-XA	2-224A	O-ring, Buna-N
		2732	Center headbolt gasket
		2215	Valve—T166
		2-217A	O-ring, Buna-N
"B177 All sizes"	5153-XA	1699-X	Plunger assembly—B177-2/2.5
		1887	Stem seal
		1789	Stem washer—B177
		5133-87	Retainer ring
		2-234A (2)	O-ring, Buna-N
"ZV200 All sizes"	5154-XA	5509	Relief valve—ZV200
		2732	Center headbolt gasket—steel
		2-223A	O-ring, Buna-N
		2-234A (2)	O-ring, Buna-N
		2-235A	O-ring, Buna-N

Founded in 1955, Detroit Radiant Products is a third-generation, family-owned company. From their first heater, an early version of their current DR series, to the more than 40 series since, their dedication to manufacturing innovative, high-quality, and energy-efficient infrared heaters has remained at the forefront of everything they do.

From that initial high intensity ceramic heater, they have expanded their offering to portable heaters, electric heaters, unit heaters, and low intensity tube heaters, becoming the first company to bring two stage tube heaters to the market.

At Detroit Radiant, innovation is a passion; one that has allowed them to become a leading manufacturer of infrared heaters throughout the world.

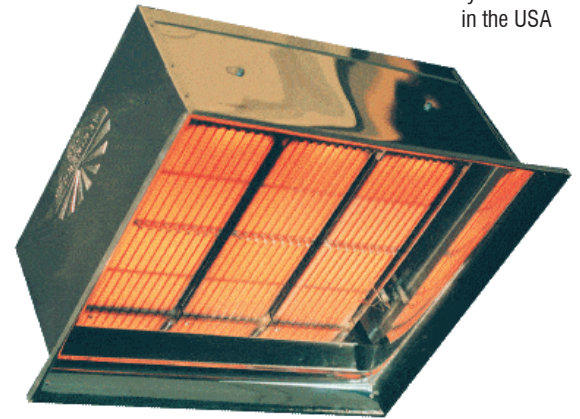


Proudly Manufactured
in the USA

DR Series Space Heater High Intensity, Gas-Fired, Infrared Heaters

Gas fired, high intensity, unvented/ infrared heaters. The DR Series space heater represents one of the most popular lines of gas-fired, infrared heaters. This unvented heater is commonly used in areas of high air filtration, high ceilings, and spot heating applications. Very economical.

The DR Series offers exclusive design features, a proven history, and a variety of BTU and control options. **NOT FOR RESIDENTIAL USE!**



Model #	BTU/hr		Suggested Mounting Heights	Millivolt	120V	24V
	Natural Gas	LP Gas				
DR30	30,000	30,000	12' - 14'	NMV-2 PMV-2	NFS-2 PFS-2	NFS-2 PFS-2
DR30(S)						
DR45	45,000	45,000				
DR50	50,000	50,000				
DR55	55,000	55,000	13' - 15'			
DR60	60,000	60,000	14' - 16'			
DR75	75,000	75,000	15' - 17'			
DR80	80,000	80,000				
DR85	85,000	85,000	16' - 18'			
DR90	90,000	90,000	17' - 20'			
DR95	95,000					
DR100	100,000					
DR130	130,000	120,000	21' - 24'			
DR160	160,000	145,000	24' - 28'			

DR Series Ordering Instructions

Model Number Format: DR (BTU) (Gas Type) (Ignition Type) (Voltage) Example: DR 60 NFS-2 120V
 N = Natural Gas, P = Propane Gas

NMV-2/PMV-2 = Manual Ignition, constant pilot, 100% shutoff, self energizing. Includes RK-130 thermostat and 35' of wire.

Note: Millivolt models are not for use in high wind applications.

NFS-2/PFS-2 = Direct spark ignition, 100% shut-off. Specify 24V or 120V

Note: Circuit boards are potted on all models.

PT Series High-Intensity Portable Infrared Heaters

Portable infrared heaters are high intensity heaters that mount atop a 20-lb. propane tank and are an ideal solution when heat is temporarily needed. PT Series heaters are perfect for buildings under construction, alteration, or repair. They are available in 16,000 or 32,000 BTU/h. Features include a patented safety tip over device for extra safety, mounting bracket, propane hose, and regulator.

Ceramic burner. Aluminum reflector. Adjustable cylinder mounting bracket. UL listed single tank pressure regulator and high pressure hose. Excess flow check POL fitting. AGA. Listed manual shut-off. AGA and UL listed 100% shutoff safety gas valve. Main burner flame sensor. All models features tip over check. Cylinder not included. **NOT FOR RESIDENTIAL USE!**

P-16T Rated at 16,000 BTU, operates thirty hours on a 20 lb. propane cylinder.

P-32T Rated at 32,000 BTU, operates fifteen hours on a 20 lb. propane cylinder.



Item #	Description
P-16T	Portable infrared heater, 16,000 BTU/hr.
P-32T	Portable infrared heater, 32,000 BTU/hr.

TEECO

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Inside **TEECO**

Who Is It?

I have been haunting the halls of Teeco's Sacramento building since its construction, though I didn't become an official employee until years later. It is where I learned to play Cribbage and Dominoes and to mis-ship packages. When not at Teeco I enjoy reading and hanging out in whatever quiet place I can find.

Likes: Puppies, dark spaces, spiders.

Dislikes: Sunshine, pickles, morning people



Which Teeco Family Member are we talking about? Email your answer to: mary@teecoproducts.com

Answer to last "Who Is It?"

Steve Valverde, Pricing & Purchasing Manager

This Mystery Guy was born in Fullerton, CA and is one of 3 generations of Teeco Team members in his family. He started working at Teeco while he was in high school. (We won't say how long ago that was...)

His favorite teams are the Angels and the Anaheim Ducks. In his spare time, he enjoys hanging out with family and friends, and taking his 96 year old grandmother to the casinos for a fun day out!



2024



PROGRAMS!

Take advantage of Industry and Manufacturers' Rebates Before the End of the Year

Did you know that many regional propane associations offer rebate incentives for purchasing propane equipment? Some manufacturers, such as Rinnai, also offer rebates.

We've compiled a handy list, along with links to download information and applications on our website.

Visit Teeco's website for direct links to rebate programs:

1. Visit www.TeecoProducts.com.
2. Click on Industry Links in the top right.
3. Find rebates available from Propane Associations your company is a member of
4. Click on the links to download applications and share with your customers where applicable.