

Readers' Choice

WINNERS

RSES Journal's ninth annual Readers' Choice Awards are here. As in previous years, the 2015 Readers' Choice Award winners were chosen by RSES Journal's readers in the form of inquiries sent via mail, email, fax and online to a third-party reader-service management company. Using the reader service numbers assigned to the products listed monthly—in the form of advertisements/advertiser perks, features, product write-ups and online advertisements—the company provides a final tally for every product. Following are the top 25 products that had the highest number of reader inquiries in 2015. Congratulations to all the winners.

AC Leak Freeze



Invented, owned and manufactured right here in the USA, the lineup of **AC Leak Freeze Products** will permanently seal leaks in all HVAC systems. They are compatible with almost all refrigerants and oils, do not contain polymers and are tested to be non-clogging. No matter what the system, AC Leak Freeze has a product to stop the leak. Permanently. **As featured in the April 2015 issue. Circle 1 on the reader service card.**

AllergyZone



The **Filterlock** seals furnace and air-conditioning filter slots to help reduce utility bills and improve indoor air quality. Each product is made to fit all standard 1-in. air filters and magnetically attaches to metal ducts. Negative pressure generated by return air pulls the product tighter. The product is manufactured with an overlapping design to cover various size slots from 10 in. up to 25 in. **As featured in the March 2015 issue. Circle 2 on the reader service card.**

Appion Inc.



Appion **MegaFlow Valve Core Removal Tools** are the ideal tools for removing restrictive valve cores from access ports, thereby increasing recovery and evacuation speeds. Available in 1/4-in. or 5/16-in. system-side connections and vacuum-rated to 20 microns. Appion, the only tools you will ever need when you have the need for speed. **As featured in the March 2015 issue. Circle 3 on the reader service card.**

ClimateMaster Inc.



ClimateMaster's **training videos** make the technician's life easier. Whether it's installing, troubleshooting or servicing, those jobs are now faster and even simpler. There are even videos to guide you with the new award-winning Tranquility Digital series of units. Easier to install, simpler to configure and more intelligent. **As featured in the March 2015 issue. Circle 6 on the reader service card.**

Arkema Inc.



Arkema Inc. is a leading manufacturer of HCFCs and HFCs as well as an innovator of next generation low-GWP refrigerants. Arkema's **Forane Refrigerants** are used wherever cooling or freezing applications are required, including appliances, automotive, food processing, industrial refrigeration, and supermarkets. Worldwide, Arkema has annual sales over USD \$7 billion. **As featured in the April 2015 issue. Circle 4 on the reader service card.**

Complift



One man. Tons of work. One solution. **CompLift lifts** and lowers residential compressors that are too heavy to lift by hand and/or for units too tall to reach. Portable and easy to set up, features include a 7-ft long beam; height-adjustability from 5 ft to 8 ft and a 600-lb load capacity. A chain hoist and compressor hook is also available. **As featured in the March 2015 issue. Circle 7 on the reader service card.**

Carmel Software Corp.



The HVAC **RefCharge App** from Carmel Software is a refrigerant-charging calculator that allows HVAC technicians to perform superheat/subcooling refrigerant charge calculations on the fly. Enter indoor wb/outdoor db temps to get the target superheat temperature. Then, specify the line temperatures/pressures to get the actual superheat/subcooling temps. The differences tells techs whether to charge or not. This app includes PT data for more than 75 refrigerants. **As featured in the March 2015 issue. Circle 5 on the reader service card.**

ComStar International



Why pay more! **A/C Zero Leak** from ComStar International is the lowest-priced stop leak. It contains no polymers, creates permanent flexible seals with no clogged expansion devices or components. Stops leaks in evaporators, condensers, around gaskets and seals. Safe with all refrigerants and oils. Only 2 oz for automotive AC and 3 to 4 oz in 1.5- to 6-ton systems. **As featured in the April 2015 issue. Circle 8 on the reader service card.**

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DiversiTech Corp.



DiversiTech's *Nitrogen Purge Tool* was created to quickly purge copper pipes with nitrogen. Once that is done, the unit can then be turned onto a very low flow of nitrogen to properly braze the copper. The tool comes equipped with a three-position click dial that allows the user to switch between purging, brazing or the off switch. The tool attaches to the outlet of a standard nitrogen regulator. **As featured in the January 2015 issue. Circle 9 on the reader service card.**

Emerson Climate Technologies



Emerson Climate Technologies' integrated solution for its commercial variable-speed compressor line features the *Copeland Scroll Variable-speed Compressor* as well as a variable-frequency drive, electronic expansion valve and control, and a system controller. The integration of each of the

products offers energy savings while streamlining system development time for manufacturers. **As featured in the April 2015 issue. Circle 12 on the reader service card.**

DuPont



DuPont's *PT Calculator* includes all major refrigerant products including Freon 22 and Freon 12, as well as their common replacements like SUVA 410A and 404A. Data available for each refrigerant includes: % composition, physical, chemical, environmental properties, temperature glide, typical-use applications and lubricant recommendations. In addition, the calculator also computes the superheat/subcooling for quick and accurate charging, startup and troubleshooting of HVAC systems. **As featured in the March 2015 issue. Circle 10 on the reader service card.**

Fieldpiece Instruments Inc.



Fieldpiece's SMAN440 and SMAN460 Manifolds are used to check, evaluate, and charge systems using one easy-to-read instrument. *The Job Link App*, developed in response to a large demand for easily exporting data, will take the information from these Fieldpiece manifolds (including the previous SMAN4 model) and put them in a form that is easy to view, save, print and email to the customer from their iOS device. **As featured in the May 2015 issue. Circle 13 on the reader service card.**

Elenco Electronics



The *TK8500 HVAC Master Technician Tool Kit* from Elenco Electronics is designed with 17 pockets of variable sizes to store tools and equipment. The TK8500 includes a tube-working kit, a mini-tube cutter, a six-piece screwdriver set, safety goggles, 8-in. adjustable wrench, a 6-in-1 driver set and more. **As featured in the March 2015 issue. Circle 11 on the reader service card.**

FLIR Instruments



FLIR C2 is the world's first fully featured, pocket-sized thermal-imaging camera designed to quickly find hidden heat patterns signaling energy waste, HVACR issues, plumbing clogs and more. FLIR C2 features MSX image enhancement, high sensitivity, a wide FOV, and radiometric imagery to clearly show where problems are and verify repairs. **As featured in the March 2015 issue. Circle 14 on the reader service card.**

Haier America



The *Flexfit Ductless System* from Haier comes with 3D air flow that delivers air both horizontally and vertically so the air blows like natural wind. Optimized fan motor and air-duct design allows long distance air flow up to 60 ft, while a self-cleaning evaporator ensures that dust on the evaporator will be taken away by flowing water. **As featured in the April 2015 issue. Circle 15 on the reader service card.**

Honeywell International



The *Wi-Fi 9000 Thermostat* from Honeywell is equipped with an on-screen setup process that is faster for both contractors and customers. Customers can control their comfort remotely via the Web, tablet or smartphone through Honeywell's Total Connect Comfort App. The thermostat also provides weather information by zip code, customizable display color and programmable functionality to save on annual energy costs. **As featured in the March 2015 issue. Circle 18 on the reader service card.**

HexArmor



The *Yuley reusable slip-on soles* from HexArmor are industrial-grade work-boot covers specifically designed for steel-toed boots. The boot covers keep dirt and contaminants off the floor, and the industrial-grade rubber inhibits bacterial growth, is odor-resistant and disinfects easily. The covers are offered in both TPR and SEBS industrial-grade rubber. **As featured in the April 2015 issue. Circle 16 on the reader service card.**

LadderTech LLC



This totally *Portable Lifting System* from LadderTech allows one person to lift up to 300 lb through roof hatches and up some permanent mount ladders. With no tools required for setup, the Cranky Portable Winch weighs only 29 lb for easy transport. The Port-A-Post sets on ladder rungs and side rails for quick and easy installation and removal. Includes a double-clipped rope that totes Crank and Port-A-Post in one trip. **As featured in the March 2015 issue. Circle 19 on the reader service card.**

hilmor



Often, technicians need more leverage when trying to remove rusted or tight screws, calling for a screwdriver grip that helps prevent their hand from slipping. Technicians also frequently use these tools for prying and chiseling activities, meaning their screwdrivers regularly take a beating. With a heat-treated chrome-plated through shaft and metal strike cap, the rugged and durable *Demolition Screwdrivers* from hilmor are designed to last. The comfortable handle offers a slip-resistant grip for maximum leverage, and the machined tips allow for a better fit in the screw. **As featured in the March 2015 issue. Circle 17 on the reader service card.**



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Mastercool Inc.



The *Aluminum Repair Kit* from Mastercool is a two-component epoxy formula highly concentrated with carefully selected pure aluminum particles, modified curing agents and special high-quality additives to provide ease of application. With a maximum line pressure of 650 psi after five hours of application time it has a tensile strength of 3,500 psi. **As featured in the March 2015 issue. Circle 20 on the reader service card.**

Ritchie Engineering/ YELLOW JACKET



The Ritchie Engineering/YELLOW JACKET *ManTooth Wireless Digital P/T Gauge* provides wireless connection to your smart device so you can test the system without losing refrigerant (no hoses or manifolds necessary)! The free downloadable ManTooth RSA app wirelessly calculates and displays the system's actual pressures, temperatures, superheat and subcooling on your iPhone, iPad or Android device. **As featured in the January 2015 issue. Circle 23 on the reader service card.**

NATE



Founded in 1997, North American Technician Excellence (NATE) is the leading non-profit *Certification Program* for technicians in heating, ventilation, air-conditioning and refrigeration. Headquartered in Arlington, VA, NATE is the certification organization governed, owned, operated, developed and supported by the entire HVACR industry. For more information, visit the website. **As featured in the April 2015 issue. Circle 21 on the reader service card.**

Sporlan/Parker Hannifin



RRLS' *Refrigeration Press Fittings* are press-to connect fittings engineered for high-pressure copper refrigeration connections in less than 25 seconds. The fittings replace the practice of manually brazing copper joints which saves time, reduces total installed cost, improves consistency and significantly increases safety by eliminating the need for an open flame. Sporlan/Parker Hannifin offers these fittings through distributors and wholesalers. **As featured in the April 2015 issue. Circle 24 on the reader service card.**

RectorSeal Corp.



RectorSeal's *Mighty Bracket* mini-split installation support tool cuts labor costs by reducing evaporator coil mounting/connecting to a hands-free, single-person task. Hooks to tabs of a mini-split wall-mounting plate in less than a minute, securely holds the mini-split for quick, easy connections of electrical, refrigeration linesets and condensate drain pumps/hoses. **As featured in the April 2015 issue. Circle 22 on the reader service card.**

Uniweld Products Inc.



The *NitroVue Nitrogen Flow Indicator* from Uniweld comes with an easy-to-read flow indicator label that simplifies the purging and brazing process. The bright orange float ball and tube are fortified and protected in the aluminum body with wide open windows for a clear view. A precision adjustable valve controls the low flow of nitrogen. **As featured in the March 2015 issue. Circle 25 on the reader service card.**