



Superior Service . . . Solid Solutions! Your Full Service HVAC and Refrigeration Distributor

A Happy & Prosperous New Year to All!



Pressure-Temperature Calculator APP A FREE APP FROM DUPONT REFRIGERANTS!

DuPont Refrigerants developed the DuPont Refrigerants P/T Calc App as a way to help contractors and end users move from the P/T chart of yesterday to the technology of today with this easy to use app. The app is available to download on the iPhone, iPad and iPod Touch.

The app includes P/T data for the entire family of DuPont refrigerants including DuPont Freon[®], DuPont SUVA[®] and DuPont ISCEON[®] products. Information available for each refrigerant includes: % composition, physical, chemical, environmental properties, temperature glides, typical use applications and lubricant recommendations. The app provides product information and links to DuPont Refrigerants web site. In addition, the app automatically calculates superheat and subcooling. The data is available in English or metric units.

The development of the P/T calc app is another example of our commitment to digital initiatives, as we've utilized many digital tools in recent years including webinars, Youtube video clips, a virtual tradeshow booth for the last few AHR Expo shows, and participation on industry blogs. We hope your sales team and your customers find this to be a valuable tool.



The DuPont Refrigerants P/T Calc app is a free app and can be installed from this link:
<http://itunes.apple.com/us/app/dupont-pt-calc/id480622238?ls=1&mt=8>



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Tom's Tech Tips — Dual Fuel: Control & Setup

Dual fuel is typically the combination of a furnace and heat pump controlled by a single programmable thermostat compatible for dual fuel applications. Certainly the OEMs continue to offer the analog controls, however the programmable controllers are the choice of most dealers today.

Each heating season the tech service group receives multiple calls regarding dual fuel applications. Many of the issues reported are due to an incorrect thermostat being used, improper setup of the thermostat, or no outdoor sensor (when applicable).

1. Be certain thermostat being used has dual fuel capabilities.
2. Many thermostats require an outdoor sensor (purchased separately) for dual fuel application.
3. Verify control wiring terminations. There's nothing unique here; you're simply wiring a furnace and a heat pump as you normally would to a single thermostat.
4. Setup and verify thermostat program. Most issues are the result of improper setup.

Definitions/Calculations:

Thermal Balance Point (TBP): The outdoor temperature at which the load equals the capacity. Required data: Load calculation and heat pump capacities at 17° and 47° F.

Break-even Balance Point (BECOP):

$$\text{For Natural Gas} \dots \dots \text{BECOP} = 293 * \text{AFUE} * \frac{\$/\text{KWH}}{\$/1000 \text{ Cu .Ft}}$$

$$\text{For Propane} \dots \dots \dots \text{BECOP} = 27 * \text{AFUE} * \frac{\$/\text{KWH}}{\$/ \text{Gallon}}$$



Technical Support Hotline
866.305.9974

Service Center Weekly Wow! Stop in or call your local Baker Service Center to find out the weekly special! They change weekly. Stop in regularly while supplies last!

METAL RECYCLING

Baker believes that recycling is a way to better the HVAC industry. We offer metal recycling at many of our nationwide locations.

Properly disposing of metal waste takes time and space. We can do it for you!

Please check with your favorite Baker service center to see where metal recycling is available in your area.



The new Baker OnLine catalog is now available with added online features, including:

Order tracking, product search, photos, part numbers, descriptions, index and order repeat/save options.

Note: All users must register (prior passwords will no longer provide access).

mybakeronline.com

BesTech January Featured Product of the Month brought to you by bestechuniversity.com



Tie Straps		
Item #	Part #	Description
011717	BT36175K9	L-36-175-9-L NAT STRAP
011719	BT48175K9	L-48-175-8-L GRAY STRAP

Hanging Strap		
Item #	Part #	Description
193954	BTPS134B	3/4" Black Duct Strap - 300' Roll

Insulation Tape		
Item #	Part #	Description
177529	BTCT	CORK TAPE 2" x 1/8" x 30'
177527	BTFT	FOAM TAPE 2" x 1/8" x 30'

Silicone		
Item #	Part #	Description
027351	BT37000	SILICONE- (Clear)
027352	BT37001	SILICONE- (White)
073478	BT37003	SILICONE- (Aluminum)

Expanding Foam Sealant		
Item #	Part #	Description
097447	BT33316	Triple Expanding Foam - 12 oz

Shop Towels		
Item #	Part #	Description
193951	BTBST	5# Box of Blue Shop Towels
193953	BTSHOPOW	5# Box of Orange Shop Towels
193952	BTROLL	20 Towel Roll White Shop Towels

The Best Technicians Choose BesTech®!
www.BesTechParts.com

GREEN LIGHT BONUS REWARDS

January 1-31, 2012

Receive 4 Reward Points per every \$5 Purchased from any or all of the qualifying products listed below:

- * Emerson Motors * Copeland *
- * Emerson Flow Controls *

Registered Participants Only. See your nearest service center for details.

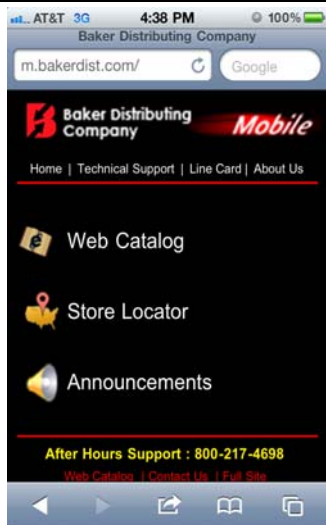


REFRIGERANT RECLAIM PROGRAM

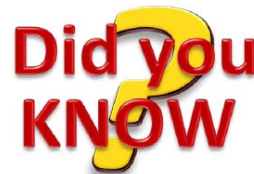
The BesTech Refrigerant Reclaim Program is currently in process.

Details are available at your local Service Center.

www.BesTechParts.com



Ductless Products ...



- ... the EVO line offers a 9K and 12K Btu 115v Inverter driven Heat Pump
- ... the EVO line also offers 12K, 18K, and 24K Btu 208/230v Inverter driven Heat Pump
- ... the EVO line has SEER ratings starting at 18 and as high as 23 SEER ... WOW!
- ... current EVO and NEO product lines are recommended for residential and commercial use where cooling is not required below 41°
- ... since mini splits have no ducts, they avoid the energy losses associated with ductwork of central forced air systems. Duct losses can account for more than 30% of energy consumption for space conditioning, especially if the ducts are in an unconditioned space such as an attic. **

**Source: www.energysaver.gov

Great solutions for bonus rooms, additions, hot/cold spots and much more.

For more info on the Gree product line visit www.greecooling.com. Access the installation and service manuals by selecting the Resources tab, then Dealer Resources. The password is: greedealer

