

### Upcoming Events

#### Infinity/ Evolution Technical Training

Infinity / Evolution training is set for 3 sessions this fall.

#### Remaining Training Classes

Session 2 Nov. 16<sup>th</sup> & 17<sup>th</sup>

Session 3 Dec. 1<sup>st</sup> & 2<sup>nd</sup>

#### Airflow Troubleshooting Training

Airflow Troubleshooting is set for 2 sessions this fall.

#### Remaining Training Classes

Session 2 Nov. 23<sup>rd</sup> & 24<sup>th</sup>

#### DUCTLESS TECHNICAL TRAINING

Ductless Technical Training is set for 2 sessions this fall.

#### Classes have Ended.

Session 1 Oct. 13<sup>th</sup>

Session 2 Oct. 20<sup>th</sup>

#### FURNACE/ HP TECHNICAL

Furnace / HP Technical Training is set for 2 sessions this fall.

#### Classes have Ended

Session 1 Oct. 26<sup>th</sup> & 27<sup>th</sup>

Session 2 Nov. 9<sup>th</sup> & 10<sup>th</sup>

### More News Here

#### [DSB 09-0024](#)

Heating season is coming in soon. This bulletin is often used in the winter season to replace secondary heat exchanger or replace furnace.

#### [DSB 19-0022](#)

This bulletin is ONLY used for furnace replacements that the furnace has been installed less than 15 years.

#### Software updates for Gen 2 systems.

Currently the software updates for UI controls connected to new Gen2 is version 3.61 [Evolution Version](#) [Infinity Version](#)

**Version 5.0** was released on Nov. 13<sup>th</sup>. This is latest software update for outdoor unit.

You **MUST** have valid HVAC Partners login to connect Bluetooth to outdoor unit and upload software.

### *2021 Technical Training*

#### CESE will be offering Top Tech Training

This program will cover basic HVAC training for beginning Technicians in the install / service industry. The classes will begin with basic understanding of electrical and refrigerant circuits symbols used and terminology used.

Trainings will include hands on training with Carrier, Bryant, Payne Furnaces, Air handlers, Heat Pumps, A/C Systems.

All classes will be in Charlotte, NC Training Room



Carrier Enterprise Customer Assurance website.

[cesetechsupport.com](http://cesetechsupport.com)

See the latest videos and training materials currently available in the Customer Assurance Community.

## Commercial News / Updates:

### Upcoming Events

#### Commercial Technical Training

This class will cover VFD and Ecoblue fan setup plus troubleshooting. The Jade Economizer setup programming and servicing will also be covered.

**Session 1:** Dec. 8<sup>th</sup> & 9<sup>th</sup> 2020

**Session 2:** Dec. 17<sup>th</sup> & 18<sup>th</sup> 2020

***Coming Spring 2021:* Hands on Commercial Training!!!!!!** Charlotte, NC Training Room

***Spring 2021:* RTU Open Training,** Laptop Computer will be required to install software and complete this class.

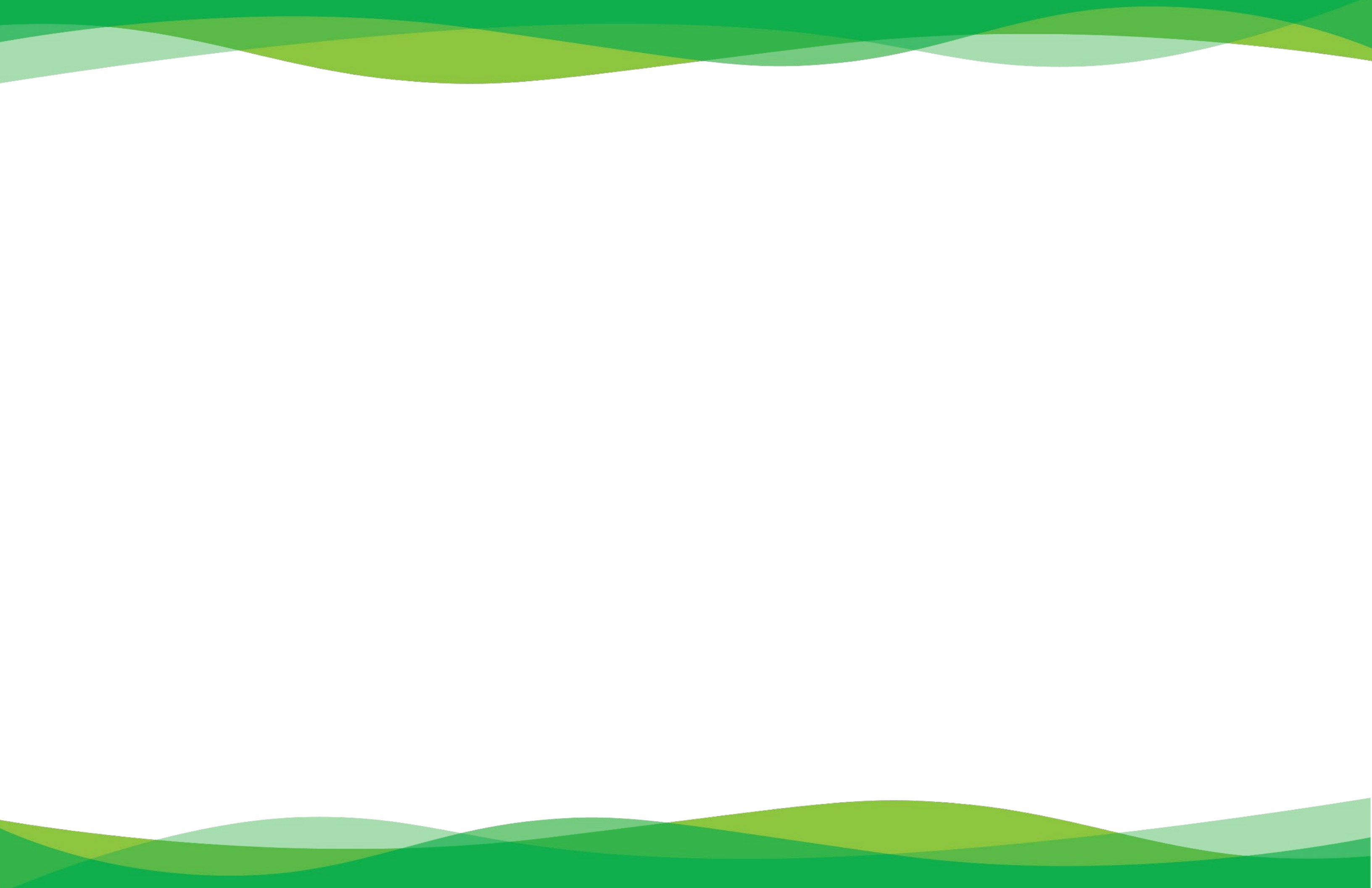
**Bulletins:** (All Bulletins are accessed in HVAC Partners)

**DSB 20-0001**

#### SITUATION:

All LC equipment could exhibit nuisance A315 alerts which could lead to a compressor(s) being locked off and requiring a manual reset. (A310, A312, F319, F322) All 004 to 006 LC equipment with an ECM motor instead of a VFD could stop the fan while compressors are staging off, leading to a compressor lockout (A312) initiated by the Low SST diagnostic detecting an extremely low suction pressure.

Thanks to everyone that attended Technical Training to date and those that are registered for upcoming classes



## Carrier Commercial Equipment

Carrier has once again set the bar higher than the competition. The Eco blue series RTU'S are getting a makeover. The new JC series will encompass Eco blue technology with the new System Vu controller. This control is more user friendly than its predecessor the Comfort Link control. This unit is scheduled to release Q-1 2021 and we will be performing Hands on Training in the Charlotte Training Room Spring 2021.

## Principles for successful Commercial Project Management

All existing commercial equipment should be evaluated prior to quoting unit replacement. What are the most overlooked items?

- 1) Unit voltage.
- 2) Will a curb adaptor be used? If so, what blower motor package is needed? Consult your commercial sales team.
- 3) Are you sure the Carrier, Bryant unit you are quoting is a correct match for the brand you are replacing?

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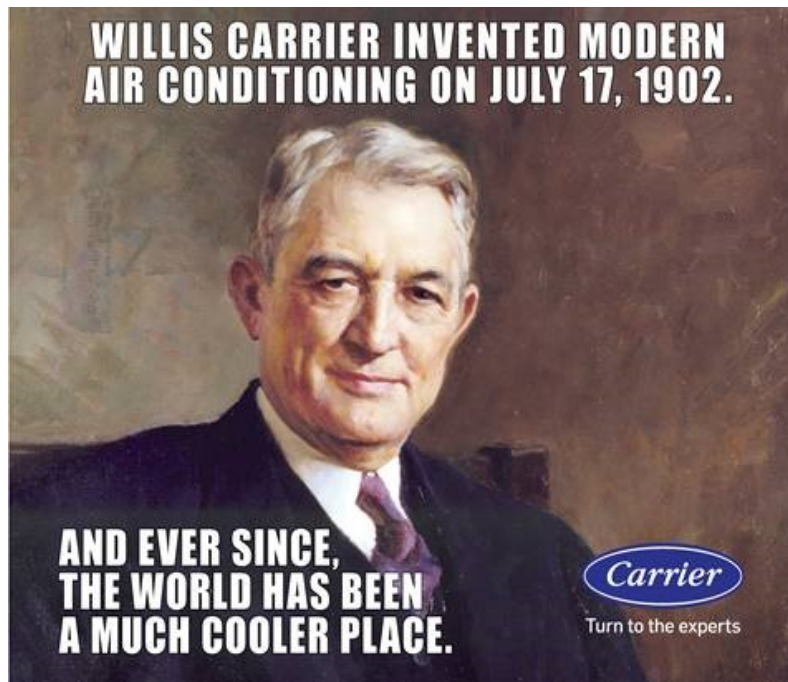
*"Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing ever happened."* Sir Winston Churchill

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## 2021 Hands on Training

Everyone has asked for it and now it is coming!!!!!!!!!!!!!!

We will be offering Hands on Training in the Charlotte NC Training room in 2021. We will have the ability to offer this training on the new Gen2 product, as well as the 5 stage and Infinity / Evolution zoning. We will also have on hand the commercial products that will provide training with System Vu controllers, Comfort Link controllers, Eco blue technology, Jade economizer controls as well as ABB VFD Drives.



## This Month's Q&A Technology Tips

**Q: What is the maximum rated static pressure for Carrier, Bryant residential air handling units? And why?**

A: Maximum static is .6". This is the maximum static rating in the product data to confirm proper airflow on all Carrier, Bryant residential air handlers. Also, static above .4" on the return side will air lock the trap and not allow proper drainage.

**Q: Can a conventional thermostat be used for Infinity/ Evolution communicating system?**

A: Yes, but only in emergency situations. This is because the indoor blower variable speed profile is controlled via the UI Controller. Conventional stat will provide high speed blower only.

**Q: What is more important when sizing ductless system. Block load or space load of site?**

A: Space load is always used in order to determine correct size system for the space being served by the system. Overall block load cannot properly be broken out to individual spaces for sizing.