

Case Study - 105 Ton IntelliPak®



Brandman University - Irvine, CA



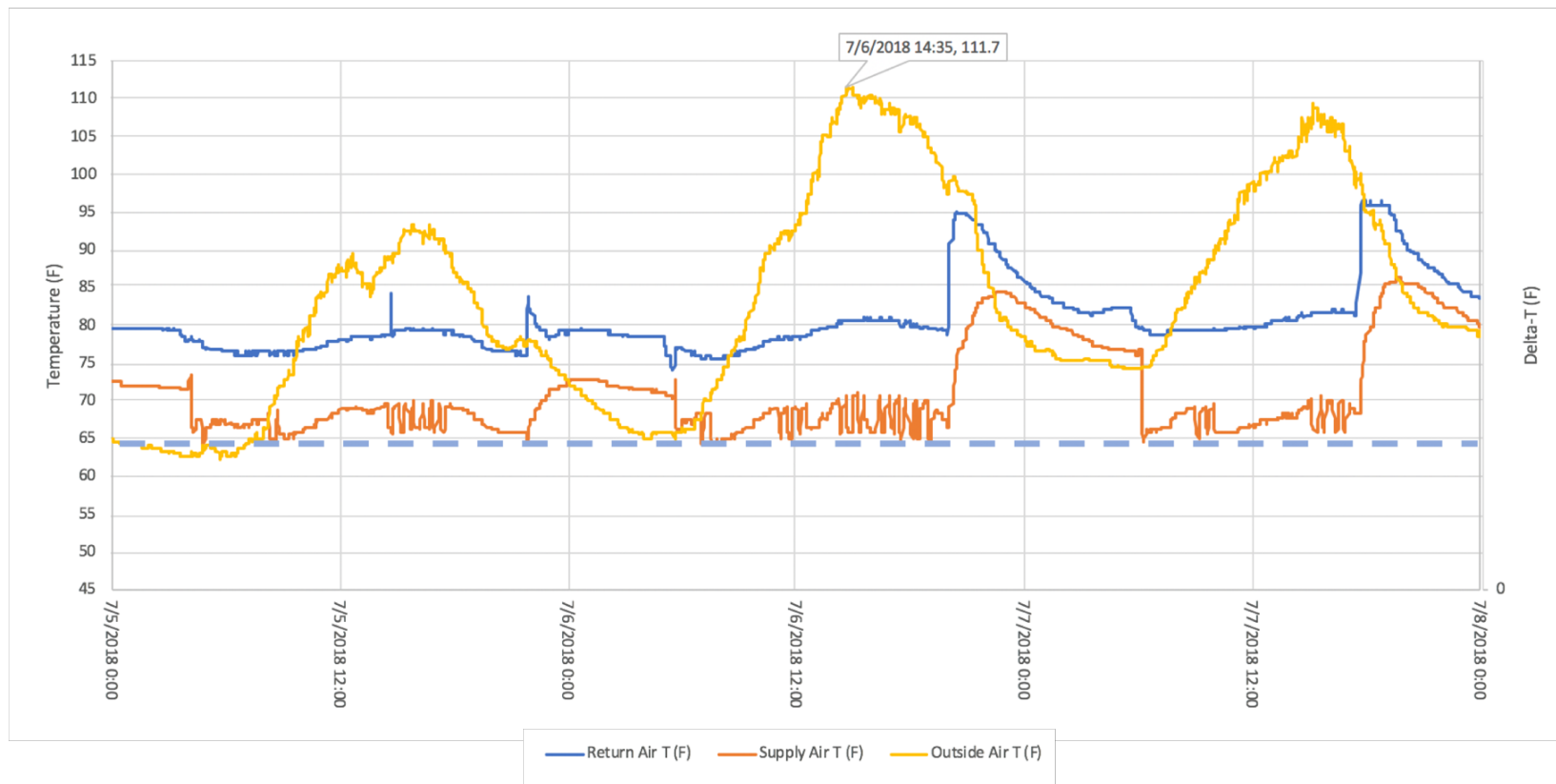
High Ambient Temperatures

All R-22 replacements lose capacity and efficiency except Bluon TdX 20! Bluon TdX 20's superior capacity performance was demonstrated during record high temperatures in Southern California. The record temperatures outside ranged from 63°F to 112°F during this test. While all other replacements would have failed to keep up with the awesome load produced by this 112°F heat, Bluon TdX 20 not only kept up with the load with relative ease its efficiency vs. R-22 actually improved!



"Bluon is at the forefront of tackling energy efficiency in our existing heating and air conditioning infrastructure."

- **Leonardo DiCaprio**, Bluon Investor & Board Advisor



TEST DATES

Bluon TdX 20 (R-458A)
Data collected 7/5/18 to 7/8/18

EQUIPMENT

HVAC Unit
Trane 105 Ton Intellipak® RTU with EEV

Model
SXHGD1140LH76

NOTES:

The chart below shows the return air, supply air, and outdoor air temperatures for a 105 Ton IntelliPak® Rooftop Unit (RTU) operating at a 65° F supply Air setpoint (dashed blue line). The dark orange line demonstrates that the supply air never lagged beyond what was needed/called for. The small oscillations in dark orange are the system staging up and quickly satisfying the cooling need. Overall, Bluon TdX 20 performed exceptionally well having even more even capacity in the unit than what was needed on a 112°F day. It's clear to see why Bluon TdX 20 is the preferred R-22 replacement.



Bluon TdX 20 is only R-22 replacement solution that upgrades your equipment, saving you money every month.

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