

Case Study - 4 Ton Package Unit

Ben E. Keith - Fort Worth, TX



11%

Annual Energy Savings



3,400

Annual kWh Savings



\$400

Annual \$ Savings

See reverse side for notes on savings calculations



Bluon Energy worked alongside Geep Mechanical in converting two units at the Ben E. Keith distribution warehouse in Fort Worth, Texas.

Bluon was able to comprehensively data log the single 4 ton unit and was able to clearly demonstrate savings for Ben E. Keith of over 11% in energy savings.



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

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

EQUIPMENT

HVAC Unit

International Cooling Products, 4 Ton Package System

Model

CUABD104EFNRR10OTCG3

TEST DATES

R-22

Data collected May 2017

Bluon TdX 20 (R-458A)

Data collected May 2017

TEST METHODOLOGY

Data collected on the same system, before and after conversion. Averages calculated with system running.

NOTES

For TdX 20 readings, the SA was opened to allow system more run time. Savings do not include expected additional savings due to the rising cost of R-22.

Bluon TdX 20 (R-458A)

R-22

| | | |
|-------------------------------|-------|-------|
| Avg. Outside Air (F°) | 66.0 | 74.0 |
| Avg. Compressor (amps) | 4.81 | 5.43 |
| Avg. Suction Line (psig) | 46.9 | 60.9 |
| Avg. Discharge Line (psig) | 150.7 | 185.9 |
| Temp Split (F°) | 24.6 | 22.3 |



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

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