

Case Study - 7.5 Ton Package Unit

City of San Diego - San Diego, CA



10%

Annual Energy Savings



2,400

Annual kWh Savings



\$340

Annual \$ Savings

See reverse side for notes on savings calculations



Bluon Energy worked with Alfonso Jordan's team from the City of San Diego to perform a pilot installation of Bluon TdX 20 (R-458A) to illustrate the performance improvements of Bluon TdX 20. The City of San Diego was impressed by the energy savings and the impact Bluon TdX 20 could have on reducing their GHG's portfolio wide.



"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

7.5 Ton Trane Unit

Model

YSC090A3ELA3000000000000000

TEST DATES

R-22

November 2017

Bluon TdX 20 (R-458A)

November 2017

TEST METHODOLOGY

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

NOTES

Savings do not include expected additional savings due to the rising cost of R-22 or the additional electricity consumed by fans and blowers.

	Bluon TdX 20 (R-458A)	R-22
Power Consumption (KW)	17.0	18.8
Cooling Capacity (Delta T) (F°)	25.0	23.8
CO2 Emissions (metric tons/yr)	13.5	14.9
Avg. Suction Line (psig)	48.3	62.1
Avg. Discharge Line (psig)	206.0	228.0



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

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