



BUILD

Building Initiative for Low-Emissions Development Program

Low Global Warming Potential Refrigerants

Kicker Incentive Opportunity



Incentive Amount

\$1,500/lb

lower GWP <150

\$500/lb

lower GWP <750

Low Global Warming Potential (GWP) refrigerants

are manufactured fluids used in the refrigeration cycle of air conditioning systems and heat pumps. GWP is a measurement of the heat absorbed by any greenhouse gas by the atmosphere.

Benefits

- Limits environmental impact
- Mitigates impact of refrigerant leakage
- Improves refrigerant recovery

Product Resources and Considerations

- Low GWP refrigerant can be used for space conditioning, water heating equipment, or any heat pump equipment
- BUILD documentation requirements apply

Example Refrigerants

R410A*	GWP 2088
R134A*	GWP 1430
R32	GWP 675
R513A	GWP 631
R290 (Propane)	GWP 3
R744 (CO2)	GWP 1
R717 (Ammonia)	GWP 0

*R410A and R134A do not qualify for BUILD Kicker Incentive funding

FOR QUESTIONS, EMAIL BUILD AT:

BUILD@energy.ca.gov

FOR MORE INFORMATION, VISIT:

[BUILD Program Webpage](https://www.energy.ca.gov/programs-and-topics/programs/building-initiative-low-emissions-development-program)

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BUILD is administered by the California Energy Commission in collaboration with the California Public Utilities Commission. It is authorized by Senate Bill 1477 (2018, Stern) and funded by the four California gas corporations apportioned according to each gas corporation's percentage share of allocated Cap-and-Trade Program allowances. Reservations are approved on first come, first served basis, and regional funding availability is based on the utilities' contribution to the program.