

R-600a UL Classified Isobutane Refrigerant

R-600a Hydrocarbons are increasing rapidly in use due to their low environmental impact and increases in efficiency. R-600a is a High Purity, non odorized, refrigerant grade Isobutane in a disposable cylinder. Gas Innovation’s R-600a meets and exceeds the purity specifications set by AHRI used as a substitute in refrigeration. Gas Innovation’s R-600a also achieves better energy efficiencies in refrigeration units with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential).

Refer to the EPA’s SNAP List (Significant New Alternatives Policy) for a complete list of acceptable uses click on link. This is the link. <https://www.epa.gov/snap/substitutes-refrigeration-and-air-conditioning>



Cylinder Specifications

- High Purity Isobutane R-600a
- 14.1 oz / 400 grams
- 1/2”-16 ACME LH outlet
- UL Classified
- Non-odorized
- UN1969

EPA Approved (CAS-75-28-5)

Subject to Restrictions see link above

For use in some new model refrigerators and freezers (stand alone units only), and some industrial applications in accordance with EPA Regulations.

Portable Packaging Options

Packaged for domestic and international shipments in over pack case of 12 cylinders / case.

Cylinder Connection Valve

- Brass dispensing Valve
- 1/2”-16 ACME LH thread outlet to 1/4” RH SAE
- Can Tap for self sealing cans are readily available from most auto supply / AC supply or contact Gas Innovations.

UL Classified Gas

Certified by UL to meet 99.5% isobutane. Gas Innovations R-600a meets and exceeds the purity specifications set by AHRI.

CGA 166 Valve

166 valve uses high quality seal with hydrocarbon compatible “O” ring for leak prevention and consistent withdrawal rates. 1/2 ”- 16 ACME LH outlet self sealing.

Sold by the Case

Cartons of 12 cylinders individually packaged Gross Weight, with over pack labels 6" X 18" X 11", 22.5 lbs. Individual boxes, 1.875 lbs. each.



Ashrae Designation	U.S. Dot Name	Purity UL Approved	Boiling Point °F	Chemical Formula	Dot Hazard Class	GWP
R-600a	Isobutane	99.50%	10.9	C ₄ H ₁₀	2.1	(<20)