



R-410A

Air Conditioner
Refrigerant Transition

January 2010



imagination at work

Environment in mind

What

Transition to R-410A Refrigerant for
Room Air Conditioning Products

Why

In 1992, the Montreal Protocol, an international environmental agreement, established a phaseout of HCFCs (hydrochlorofluorocarbons), including R-22. In response, the EPA (Environmental Protection Agency) has mandated the elimination of R-22 in the manufacture of air conditioners sold in the United States.

When

Air conditioning products manufactured after
December 31, 2009 cannot contain R-22 refrigerant.



R-410A transitions for every application



Built-in transition

- Available January 2010
- Electronic controls with remote will be on all models
- Heat pump models discontinued
- Heat/Cool models become remote thermostat compatible
- ENERGY STAR® qualified models available



Zonline® transition

- Available February 2010
- Strip heat AZ2900 models transition to AZ4100 models
- Heat pump AZ3900 models transition to AZ6100 models
- AZ5800 series discontinued
- Higher EERs—see spec. for more details
- Higher COPs—see spec. for more details
- Quiet operation: cross-flow blower standard



Vertical Zonline transition

- Available April 2010
- AZ7500 transitions to AZ8500
- ARI 390 certified
- Special order available
- Hydronic/cool only units
- Optional hydronic kits available



Mini splits

All mini splits use R-410A and meet 2010 U.S. Environmental Protection Agency requirements.



Answers to your questions

Why the change to R-410A?

Montreal Protocol declared that R-22 refrigerant is an ozone-depleting substance. The EPA mandated all manufacturers transition to a non-ozone-depleting refrigerant. GE window, built-in and Zonline® air conditioners will use R-410A.

When is the change happening?

As of January 1, 2010, manufacturers will be required to make all units with non-ozone depleting refrigerant.

Do I have to purchase only R-410A units after January 1, 2010?

No, customers can purchase and sell R-22 products produced prior to January 1, 2010. The regulation only applies to manufactured new product.

Do I need to replace all the R-22 equipment on my property in 2010?

No, there are no limits on the use of existing R-22 products.

Do the new R-410A products function differently from the R-22 products?

No, they function the same way.

Will PTACs and built-in air conditioners change in size?

No, there will be no dimension changes for Zonline units or built-in air conditioners. New product will fit into existing sleeves.

Can I still get my current R-22 product serviced?

Yes, R-22 product will continue to be serviced.

Will the new R-410A product warranties change?

The GE warranties will not change; please refer to written warranty for more details.



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