

# HINTS FOR HOMEOWNERS

## Go Ductless For Cool Comfort

(NAPSA)—Air conditioning can do more than just make you more comfortable; it can improve your life as well. Studies have shown that cooling the air around you can lower your stress and frustration, especially during the hot summer months.

The most common central air-conditioning system needs two parts—an inside evaporator unit and an outside condenser unit. Refrigerant circulates in a closed loop between the evaporator and the condenser, capturing heat through returns in each room and carrying it outside through ducts to a fan that blows it away. The duct system runs behind the walls, under flooring or through the attic.

Another system—common in Europe and many other countries of the world—operates a little differently. The system is ductless, which provides more flexibility in how it is used in a home. Called split-ductless, the system is considered among the most efficient and economical cooling and heating systems available.

Going ductless means changing indoor climates from variable and unpredictable to comfortable and consistent, without expensive renovation work or compromising the architectural integrity of a home. Simple copper tubing and electrical wiring connects the outdoor condenser directly to the indoor unit that functions as both an evaporator and a return. Refrigerant is pumped from the outdoor condenser coil and compressor through the tubing to the indoor unit, where a fan quietly distributes cool air drawn across the unit's evaporator coil.

A ductless cooling system, such as Mr. Slim from Mitsubishi Elec-



**Ductless air conditioners provide homeowners with options for keeping their homes cool.**

tric HVAC, is ideal for older homes without a central air system, as well as new additions, finished basements, sunrooms or just about any room requiring cooling. The small and discreet indoor unit is mounted high on the wall, where it can blend into a room without taking up valuable window space. With a multi-system, each of the up to three indoor units comes with its own handheld wireless remote controller. Called a “comfort controller,” it offers complete control, including temperature adjustment, fan speed control, a 24-hour on/off timer and vane as well as direction control.

Benefits of a split-ductless system include:

- Extremely quiet, efficient operation
- Quick installation
- Easy maintenance
- Simple comfort control
- Attractive design
- Air-conditioning without ductwork or wasting a window space.

For more information, go to [www.mrslim.com](http://www.mrslim.com).