



**32 Years of Leadership  
in Providing Unique Solutions  
for the HVAC Market  
...and Counting**

SACRILEGE.



The sleek, wall-mounted indoor unit cools and heats quietly and efficiently without blocking your windows (unlike window units).

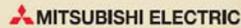
You've worked hard and spent a fortune to make your older home beautiful, but it's all spoiled by ugly air conditioning units hanging from the windows. Improve your outside aesthetics and inside comfort with quiet Mr. Slim® ductless air conditioning and heat pump systems from Mitsubishi Electric. Our systems don't require ductwork, so they're easy to install in older homes and additions, while their sleek, wall-mounted design gives you your windows and views back. Mr. Slim even comes with a remote controller that puts ultimate comfort control at your fingertips. You love older homes for their craftsmanship, and you'll love Mr. Slim ductless air conditioning systems for the same reason.



A single, compact Mr. Slim outdoor unit can heat or cool up to three rooms in your home.

**A better HVAC solution is only a phone call away 1-888-4-MR-SLIM.**

www.myslim.com



*Pick a view,  
any view.*



Does your house have a hot spot?



With Mr. Slim® ductless cooling and heating systems from Mitsubishi Electric, any room can be perfectly comfortable, from the bedroom to the living room and anywhere in between. They install easily in almost any house or office, with only a three-inch opening connecting the sleek wall-mounted indoor unit to the compact outdoor unit. Mr. Slim units cool and heat powerfully, quietly and efficiently. Systems installed by participating dealers for as little as \$2195.\* Say "hello" to Mr. Slim systems from Mitsubishi Electric, and say "goodbye" to annoying hot spots.



Mr. SLIM

**Call 888-4-MR-SLIM**



\*Based on standard equipment installed with a wall connection kit. Dealer price.



Open your window to a more beautiful view while improving comfort with Mr. Slim®, the quiet ductless air conditioning and heat pump system from Mitsubishi Electric. Mr. Slim doesn't require ductwork so installation is easier and less expensive. The sleek indoor unit mounts easily to the wall and is connected to an outdoor unit by refrigerant lines through a small 3" hole. You get back your window and your view. Mr. Slim even comes with a hand-held remote controller that puts ultimate comfort control at your fingertips. Improve your comfort and outlook on the world -- put Mr. Slim to work for you.

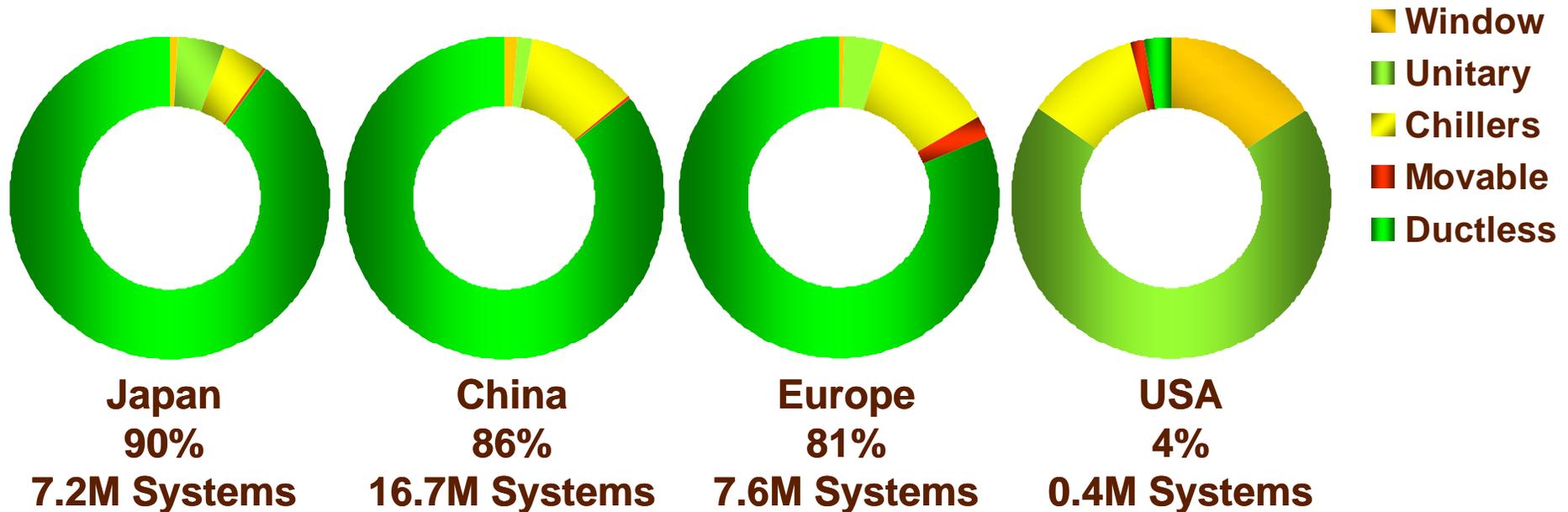
**A better cooling solution is only a phone call away 1-888-4-MR-SLIM.**

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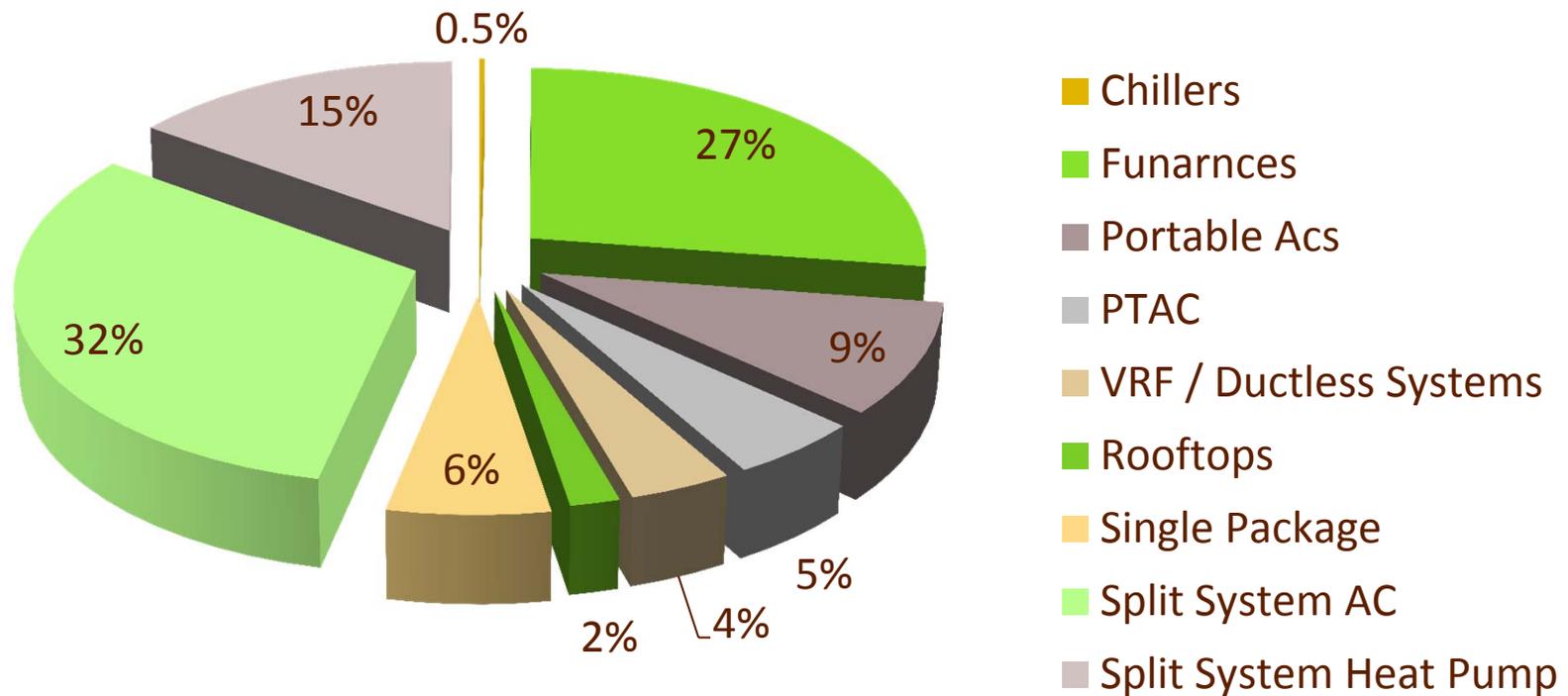
# World HVAC Market Overview

Ductless is a small percent of the U.S. HVAC market yet well-positioned to progress into a radical growth stage



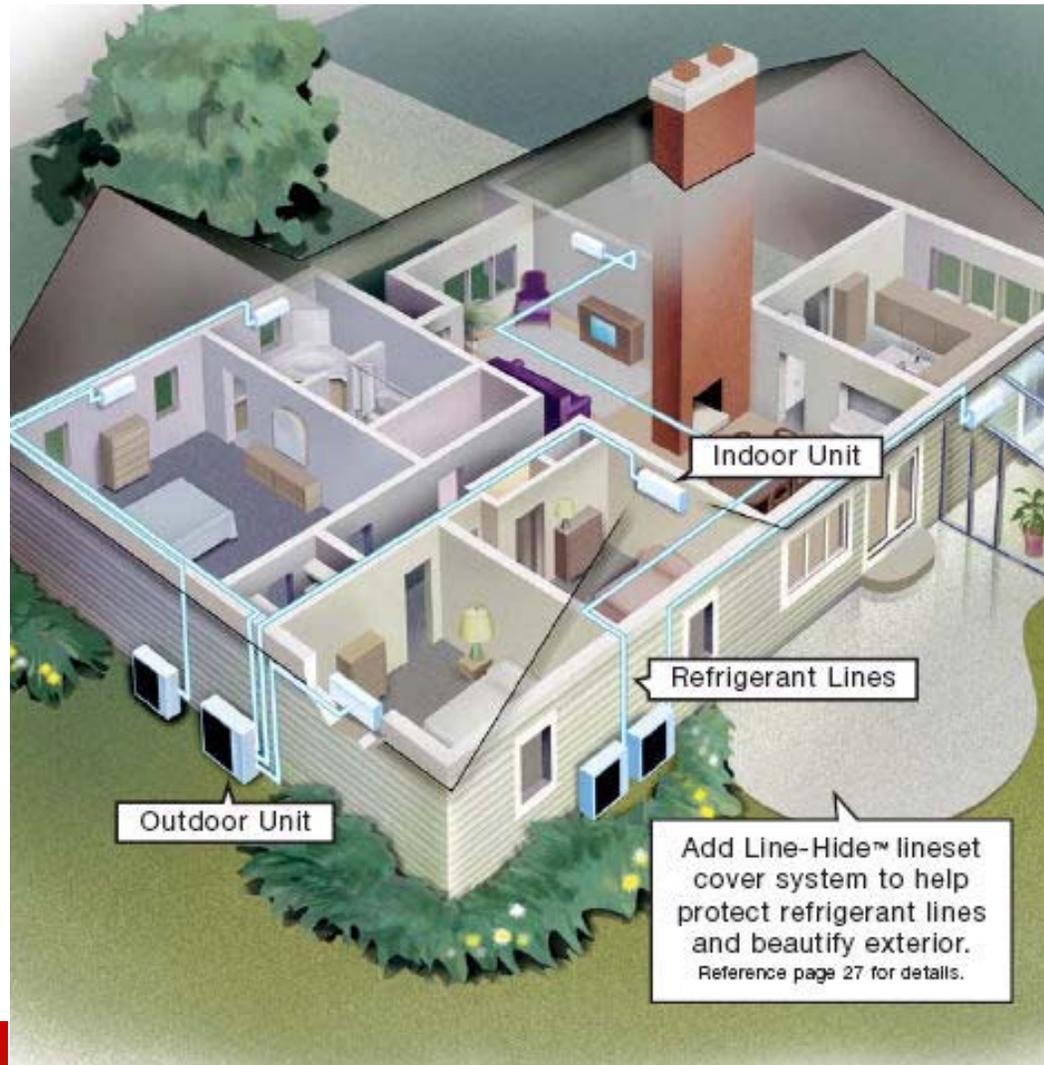
# U.S. HVAC Market Overview

## Industry Volume Comparison



# Ductless Split-System Advantage

## Residential Solutions



# Savings with Ductless

**Customers see %15 to 25% savings or more**

- **Targeted heating or cooling**
- **Variable speed system to match loads**
- **Turn-off zones that are not needed**
- **No ductwork needed**
- **Highest cooling efficiencies**
- **100% Heat Pump Heat to 4 deg F**

**Not only savings but increased COMFORT!**

# INVERTER Compressor Advantage



## INVERTER

- **Over-sizing not an issue!**
- **Systems match load requirements**
- **Comfort levels are reached quickly**
- **Constant circulation of conditioned air**
  - improves humidity control
  - reduces hot/cold pockets
- **Lower sounds levels from both fan and compressor**
- ***No cold air delivery at low temperature heat pump start up***

# M-Series Systems

- **Cooling Only: 9,000 – 36,000 BTU/h**
- **Heat Pump: 9,000 – 48,000 BTU/h**
- **H2i Hyper-heat: 9,000 – 18,000 BTU/h**



MSZ Wall-mounted



*Controller option  
is system specific*



MFZ Floor-standing



SEZ Ducted



SLZ Cassette

# What Are Customers Saying?

- “I don’t believe that I have ever seen an installation quite like this one,” Ment said. “He not only maintained the architectural integrity of our house, he introduced us to a technology that is at once quiet, reliable and efficient, providing us years of worry-free operation. This is an amazing product and fits our house like a glove.”
- “Most Americans perceive cooling and heating as central systems,” he said, “but that’s a misconception. In Europe and the Middle East, the concept of cooling and heating without ductwork has been in practice for the past 50 years.”
- “The finest thing is that we could now enjoy our beautiful sunroom, and the baby’s room was comfortable — all in time for Thanksgiving. I would recommend this system to any homeowner. Certainly ones like us with an historic, legacy house — although I have to admit that this system is so efficient it would probably be perfect for new construction as well.”
- “For the diminutive cooling and heating demands of this Passive House, the minimum Btu/h capacities of this system for both cooling and heating are the lowest in the industry: All other systems would have been overkill. Also, we liked the fact that the units are so compact — the outdoor unit’s the size of a suitcase.”

# Strategies for Ductless

- **Hot Spot**
- **Cold Spot**
- **Replace electric resistance strip heaters**
- **Places where traditional systems cannot go**
- **Innovative Solutions**

# Mitsubishi Innovative Solutions

## Hyper-heating (H2i™) INVERTER

- Provides exceptional heat pump output
- Full heating capacity at 5° F for cold weather locations
- Efficient heat pump heating to -18° F

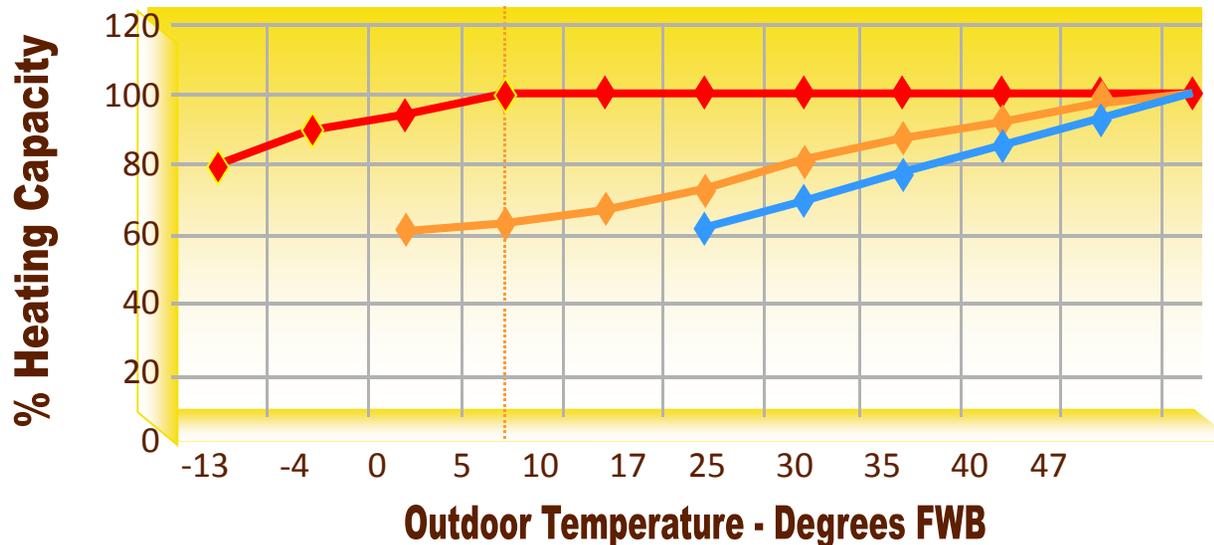


# Hyper-heating INVERTER



## Tremendous year-round comfort!

### Hyper-heating INVERTER vs. Other Units % Heating Capacity vs. Outdoor Temperature



100% @ 5° F

87% @ -4° F

80% @ -13° F

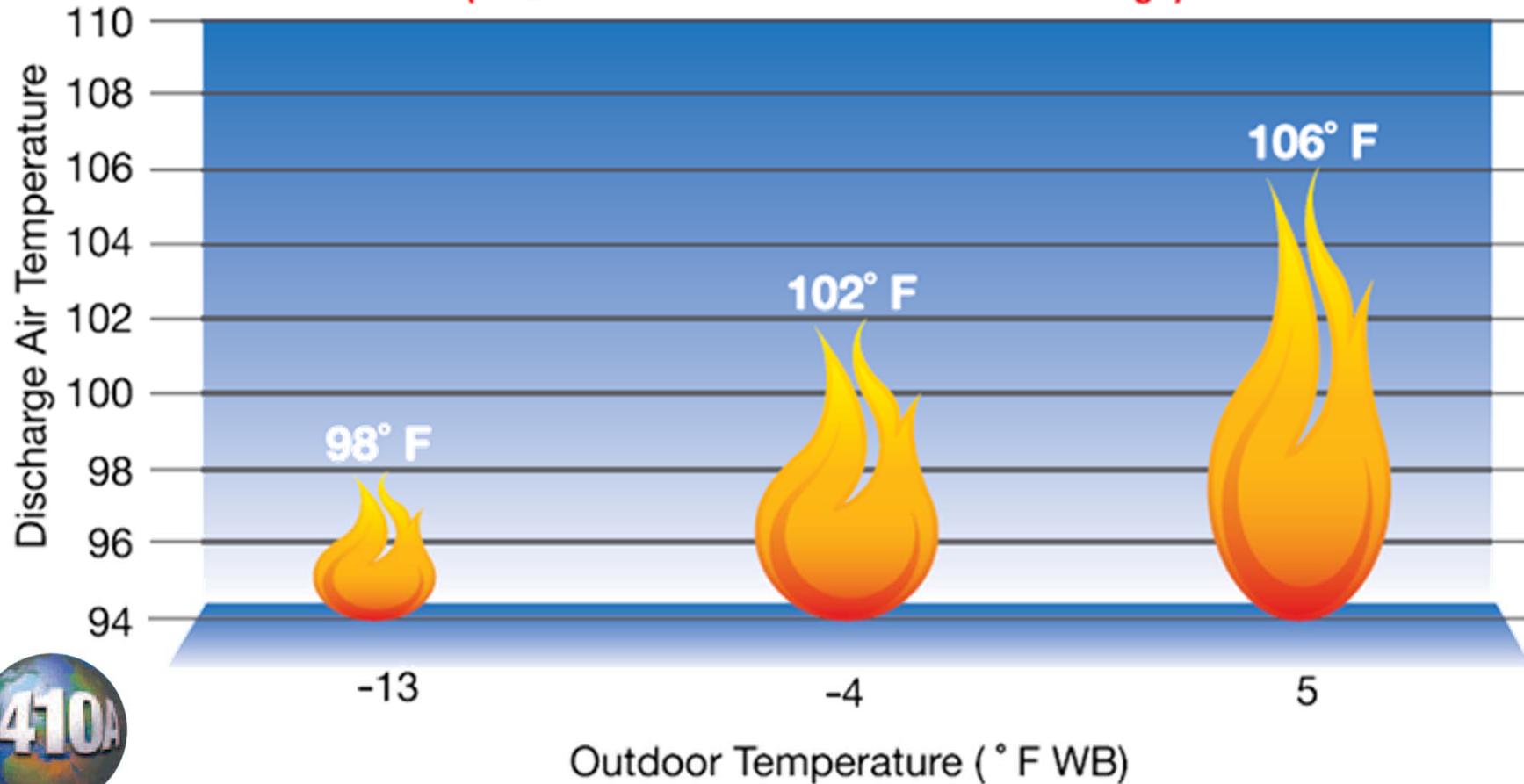


- ◆ Mitsubishi Electric Hyper-heat INVERTER (H2i™)
- ◆ Mitsubishi Electric Standard INVERTER Heat Pump system
- ◆ Typical Unitary Equipment

# Hyper-heating INVERTER



## Indoor Unit Discharge Temperature (wall-mounted indoor unit with fan on high)



# MSZ-FE\*\*NA Systems (Advanced Lineup)

## MSZ/MUZ-FE09/12 /18



- **Extra High Efficiency!**
  - Up to 26 SEER and 10 HSPF
  - All systems qualify for ENERGY STAR
- **Hyper-heating INVERTER systems**
- **Comfort with i-See Sensor Technology**
- **Triple filtration**

# Mitsubishi **ENERGY STAR** Systems



- **21 Mitsubishi Systems Qualify for ENERGY STAR**
- **11 Mitsubishi Systems Qualify for ENERGY STAR Most Efficient**



*Thank You!!!*