



# Assisted Living Communities

The Smart Solution For Energy Efficiency



**CLIMATEMASTER**<sup>®</sup>  
Water-Source Heat Pump Systems

# THE WATER SOURCE HEAT PUMP ADVANTAGE -

FOR ASSISTED LIVING COMMUNITIES

## THE IDEAL SOLUTION FOR RESIDENTIAL FACILITIES

Water source heat pump systems by ClimateMaster® are the intelligent choice for assisted living and continuing care communities seeking to give residents more of the comforts of home. The result of decades of research and proven performance, they provide reliable operation with individual zone control. The systems utilize quiet, attractive units that are interconnected by way of an efficient water loop – rather than extensive and costly ductwork. No chiller – or operating engineer – is required. And unlike most other systems, ClimateMaster® water source heat pump systems actually recover energy that would otherwise be wasted – and put it to work in other areas throughout the facility.

The result of this intelligent design is more than just quiet, comfortable performance for residents. It translates into greater cost efficiencies for property owners and managers on four vital levels:

- Lower initial installation and expansion costs.
- Superior energy efficiency for lower operating costs.
- Lower maintenance costs. Longest system and component life of any compatibly zoned system.

## THE KEY TO LOWERING MAINTENANCE COSTS

ClimateMaster® pioneered the water loop heat pump system – and designed it to be easy and affordable to maintain.

- No single point of failure for the entire system.
- Convenient standard parts availability.
- Easy accessibility to individual units.
- Units located above ceilings and in closets can be changed out by on-site maintenance personnel.
- Special self-contained chassis units can be easily removed for off-site repair.
- Units can be installed above ceilings or in closets where they won't disturb residents or tenants.

## EASY AND AFFORDABLE, RIGHT FROM THE START

The expensive initial requirements of alternative systems simply cannot compare to affordable ClimateMaster® water source heat pump installations. ClimateMaster® systems eliminate these costly needs:

- Complex duct work.
- Large chillers. Operating engineers.
- Extensive insulated piping requirements.
- Holes in outside walls.

ClimateMaster® has numerous products that can be combined to handle all space-conditioning needs. Systems often include horizontal and vertical cabinet products, small console units with no wall penetration needed – even large units designed for rooftop applications. Additions to the system for future loads are easy and economical.

## INTELLIGENT EFFICIENCY FOR GREATER SAVINGS

Season after season, year after year, ClimateMaster® water source heat pump systems offer the high efficiency necessary to keep operating costs down. In fact, they offer a lower operating cost than most compatibly zoned systems. The difference lies in the system's ability to recover otherwise wasted energy and use it elsewhere in the facility. This dynamic, intelligent use of energy balances the needs of the entire building while reducing operating costs.



TRADITIONAL SYSTEM COMPARISONS	ANNUAL MAINTENANCE EXPENSE	ANNUAL OPERATING EXPENSE	TOTAL ANNUAL COST	INSTALLATION COST
FAN COIL, CHILLER/BOILER 4-PIPE	\$0.14	\$1.40	\$1.54	\$12.00
VARIABLE AIR VOLUME	\$0.14	\$0.94	\$1.08	\$9.00
GEOTHERMAL HEAT PUMP	\$0.07	\$0.62	\$0.69	\$10.00
WATER LOOP HEAT PUMP	\$0.10	\$0.94	\$1.04	\$8.00

PER SQUARE FOOT OF BUILDING SPACE

The layout flexibility of ClimateMaster®'s product lines allows one unit to serve two spaces. Perfect for multi - and single story communities, facilities with large recreational, living and wellness areas, and buildings with repeating floor plans. Units can also be ducted to serve remote spaces.

#### INDIVIDUALIZED CONTROL, ROOM BY ROOM

ClimateMaster® water source heat pump systems deliver the ultimate in individual comfort control. Unlike other systems, they can heat and cool separate zones simultaneously upon demand. As a result, assisted living residents get the convenience of meeting their own heating and cooling needs – just as they did at home.

Should there be a need to meter usage or control temperature levels in selected areas, connectivity is easily accomplished.

#### THE LONGEST LIFE ON THE MARKET

Because ClimateMaster® water source heat pump systems are easy to maintain and operate with very little stress on the system, they offer a longer system and component life.

No other heating and cooling system provides a more attractive life cycle cost.

#### QUIET COMFORT

The added comfort of ClimateMaster® water source heat pump systems doesn't stop with greater individual control. Sound attenuation features such as dual-spring compressor isolation, fully insulated cabinets, and water connections with flexible stainless steel kits reduce potential noise.

There is no excessive air flow to discomfort those near the unit. And the systems dehumidify as they cool for added comfort, especially in southern states. As a result, residents enjoy a peaceful, comfortable room environment year-round.

#### TRUST THE EXPERTS AT CLIMATEMASTER

Individualized comfort. System-wide savings. One smart system does it all. ClimateMaster®. The intelligent choice for energy efficiency in assisted living communities.



