



Feel the difference!

Allure
KSWT
SERIES



Uncompromised Comfort
Unrivalled Value



KLIMAIRE
Mark of Superior Quality™



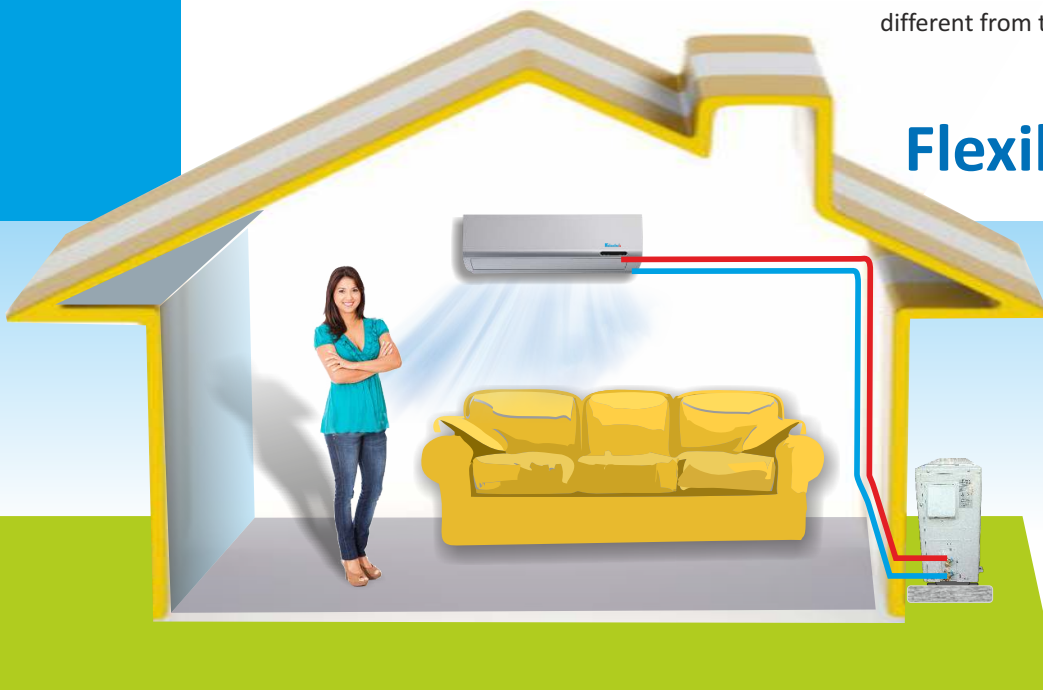
Ductless Mini-Split

Experience the true individual comfort.

Ductless mini-split systems are perfect solution to variety of installation challenges, allowing installers the ability to place Ductless mini-split units in locations that were previously impractical or impossible. They are ideal when additional ductwork is necessary but not cost effectively. Basically Ductless mini-split units eliminate the use of ductwork. Since they consist of two parts, the outdoor portion and the indoor portion similar to regular split units but smaller in size, they are known as Ductless mini-split systems. The two units are connected to each other by means of refrigerant and electrical lines. They run together with condensate drain line through a small hole in an exterior wall generally 3 inch in diameter or less.

In addition to eliminating the need for ducting, one of the other great advantages of ductless mini-split systems is true zone control. The indoor fan coil unit is dedicated to the room being conditioned allowing a temperature and humidity level to be kept different from the rest of the house or the building.

Flexible and Quiet



Like regular split air conditioning or heat pump systems, the condensing unit is installed outdoors allowing a peaceful and more comfortable interior environment.

Ductless mini-split systems are a real cost efficient, flexible, quiet and attractive solution to provide a smart, peaceful alternative to both window and central air conditioners, for locations where no duct is available, in residential, offices, or commercial buildings, new or existing, and additions.



Ductless Mini-splits have flexibility to fit virtually any applications

- Homes utilizes hydronic heat
- Remote Utility transfer stations
- Residential additions such as a Florida room, sun room, bed room or garage conversions
- Restaurants, Barber shops
- Computer rooms (different temperature/ humidity control is required)
- Historic homes
- Vacation homes or cabins
- ATMs and photo studios
- Remote offices such as inside a warehouse factory
- Class rooms, indoor nurseries
- Shopping malls
- Nursing homes, hospitals & church sanctuaries
- Arena sky boxes



● Smart Heating & Cooling

It is highly recommended to replace your inefficient old room air conditioner with quieter, more efficient, super high efficiency ductless mini split System.



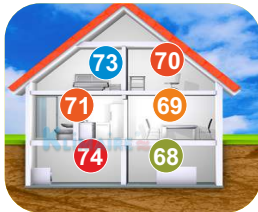
● Indoor Climate Changer

Indoor nurseries & plant growers can easily achieve the desired temperature and control humidity levels in different zones.



● Auxiliary Cooling

When additional cooling is on demand, ductless mini split systems can be added quickly, conveniently and economically.



● Individual Comfort & Temperature Control

Create your own true zone cooling & heating to achieve more precise individual comfort day and night in your home or business. Klimaire units zoning capability allows you to set each zone with different temperature settings as desired. You can even turn off the units in non-occupied rooms for additional energy savings, while you can keep them at a higher temperature setting in cooling to control humidity levels – increasing personal comfort.



● EZ Supplemental Capacity

In most cases it is impractical and inconvenient to utilize existing central system and duct work for your home addition projects. Klimaire Inverter units can be easily add on as a supplemental cooling and heating capacity for your home additions. Homeowners enjoy zone comfort control eliminating messy duct work installation and tampering with it, that may result in inefficient air distribution.



● Storage Improvement

It is highly recommended to condition your garage. Uncontrolled humidity level causes mildew in the summer and in the winter it can freeze. By keeping all year round reasonable storage temperatures your goods will be in perfect conditions for many years.



Advantages of Ductless Mini-split System

Experience the true individual comfort

High Efficiency –Units are designed up to 13.5 SEER (seasonal energy efficiency ratio) and 9.0 HSPF (heating seasonal performance factor) ratings that exceed government standards. Since these units directly serve area being conditioned with duct free design technology that eliminates lengthy air travels and air leakage in duct. If the ducts are not sealed tight or in an unconditioned space such as an attic or crawler space the losses can easily be more than 30% of energy consumption. For a homeowner this translates into lower utility bills.

Sleek Design- High wall models, a low profile indoor unit in natural off-white color to blend with any décor in home and /or in business.

Easy installation– It is simple to install Klimaire indoor units like hanging a picture frame on the wall. All you need is to make a small hole not larger than 3 inches in diameter into an exterior wall and run the refrigerant lines and electrical wires to be connected to your outdoor unit. Factory installed condensate drain line should run through the same hole as well. Most of the cases this hole is made on an exterior wall. Since there is a single electric power entry connected to the indoor unit only, it requires much less labor and reduces installation time. Optional outdoor unit wall brackets are contractor's preferred solution to expedite installation process for upper floor installations.

Installation Tubing Kit
& Accessories (optional)



Outdoor Unit wall Bracket
(optional)



Mini Pump (Optional)



KLIMAIRE®



Burglar free – On the contrary of a window air conditioner, with ductless air conditioners systems there are no wall openings so that access cannot be gained.

Energy Savings – Reduction of up to 20% in energy consumption can be achieved in comparison to 10 SEER units, which will reduce the utility bill. When combined with the advantage of ductless direct cooling savings can even reach up to 50%.



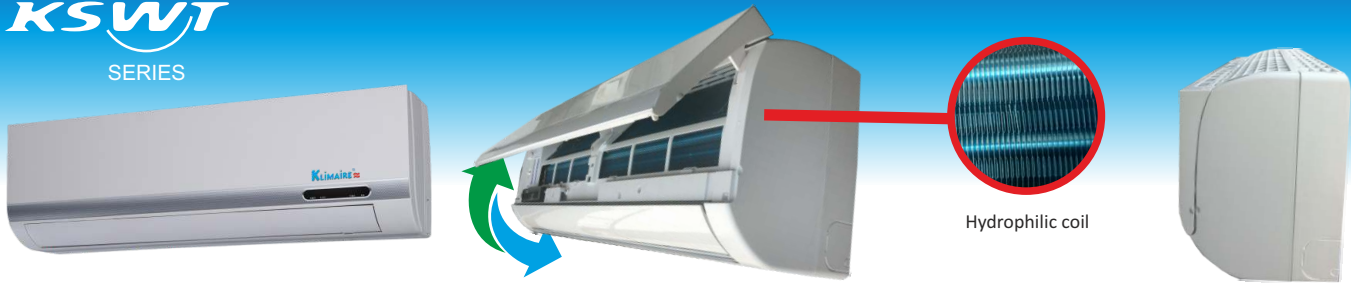
Quieter operation – It is less noisy than a self contained window unit, or a packaged terminal unit (PTAC / PTHP), or a central unit. A ductless split system is ultra-quiet because it does not have to push conditioned air through many feet of ductwork, and the noisier outdoor portion of the system operates outdoors.

Comfort – A true zone temperature control optimizes your comfort. Single-zone Klimaire Ductless Air Conditioner technology provides maximum comfort for the entire space by individual temperature and humidity control.

Convenient – Excellent for remodeling older homes, convenient for retrofitting, vacation homes, cabins, classrooms, churches, nursing homes, restaurants, computer rooms, sun rooms, ATMs, office lobbies and remote offices.

Environmentally Friendly – Our units use environmentally friendly R-410A refrigerant designed to prevent the depletion of the ozone layer. Our super high efficiency products contribute to reduce fossil fuel consumption and limit air pollution.



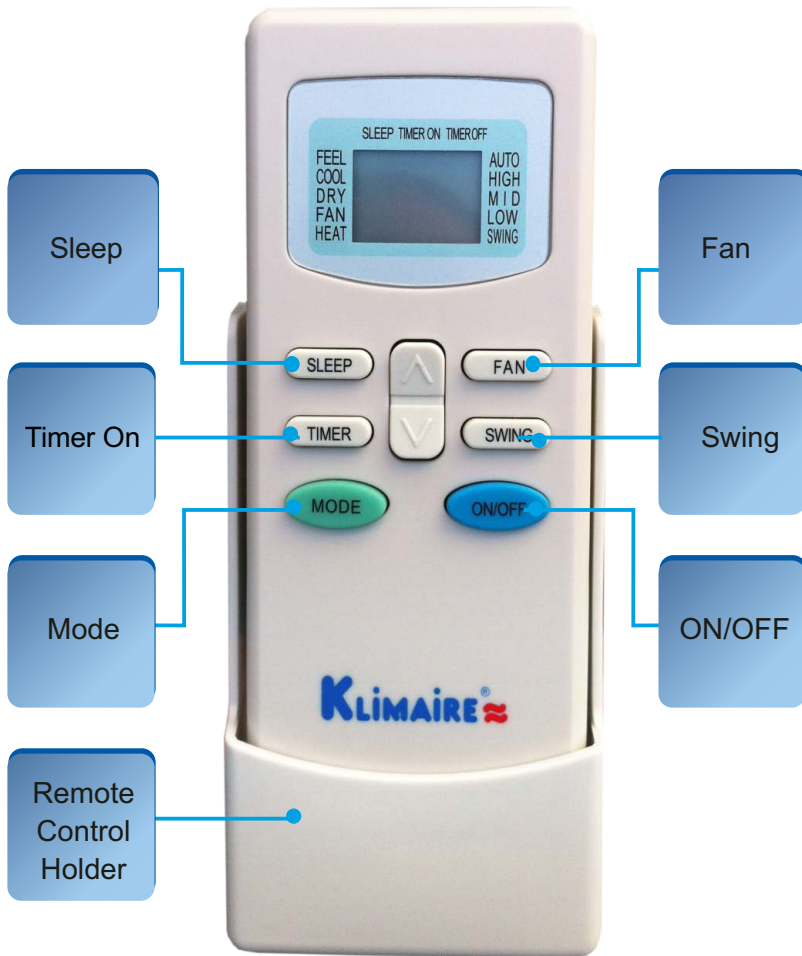


Washable Filter panel –The removable and washable panel provides easy access to clean filters. Cleaning the indoor unit panel is simple and keeps it like new and increases efficiency.
Specially coated hydrophilic coil increases moisture removal

Klimaïre 13 SEER T series offers economical zone control duct-free air conditioning solutions.

This popular The sleek and attractive design expresses elegance that blends with any indoor décor style. This category of equipment are compact and slim and ideal for single rooms and smaller spaces where spot cooling and heating is required.

The KSWT009 and KSWT012 models are 115 volt heat pump units and making residential application much easier.



* **Dry mode:** the individual dehumidification mode efficiently helps to control humidity level when cooling may not be necessary.

* **Swing:** when it is activated the horizontal louvers oscillate up and down continuously or a preferred air direction can be selected.

* **Timer:** 24 hour energy saver timer to set personal comfort preferences and reduce energy consumption.

* **Fan speed control:** adjustable indoor fan control changes the fan speed to three different settings to accommodate user's needs. It also helps to control humidity level when cooling may not be necessary. Auto/Hi/Med/Lo

* **Sleep operation:** enables the air conditioner to automatically increase (cooling) or decrease (heating) 1.8 °F per hour for the first two hours then keep it steady for the next 5 hours, and after that will turn off. This function maintains both comfort and energy savings in night operation

* **Mode:** Five different settings of comfort functions Feel/ Cool/Dry/Fan/Heat

* **Auto-restart:** This vital function enables the air conditioner to re-start automatically with the previous function settings after power interruption.

Wireless Remote control- comfort control is at the reach of your fingertips.

GENERAL SPECIFICATIONS

COOLING ONLY UNITS

| System | Klimaïre Model No. | | KSWT009-C113 | KSWT012-C113 | KSWT018-C213 | KSWT024-C213 |
|--------------------------------|--|-------------|-------------------------|-------------------------|---------------------------|---------------------------|
| Nominal Performance | Cooling Capacity | Btu/h | 9.000 | 12.000 | 18.000 | 24.000 |
| | Dehumidification | Pts/h | 1,7 | 2,1 | 3,17 | 4,2 |
| | EER | Btu/W.h | 11,6 | 10,9 | 11,6 | 11,7 |
| | SEER | Btu/W.h | 13,5 | 13,0 | 13 | 13,0 |
| Power Supply | Power input | V / ph / Hz | 115 V / 1 ph. / 60 Hz | 115 V / 1 ph. / 60 Hz | 208-230 V / 1 ph. / 60 Hz | 208-230 V / 1 ph. / 60 Hz |
| | Amps | A | 7,3 | 9,5 | 6,7 | 9,7 |
| | Minimum Circuit Amp. | A | 6,2 | 6,2 | 14 | 14 |
| | Max. Overc. Protection | A | 15 | 15 | 20 | 25 |
| | Watts | W | 800 | 1100 | 1550 | 2050 |
| | No. of Wires Indoor to Outdoor | | 3 | 3 | 3 | 4 |
| | Wire Size | AWG | 16 | 16 | 16 | 16 |
| Dimensions & Weight | Indoor Unit (W*D*H) | in | 31.5" × 11.02" × 7.3" | 35.4" × 11.02" × 7.95" | 40.7" × 12.3" × 8" | 48.8" × 12.8" × 9.8" |
| | Indoor Unit Packing (W*D*H) | in | 34.8" × 14.4" × 10.9" | 39.2" × 14.4" × 11.7" | 43.4" × 15.7" × 11.8" | 51.9" × 16.6" × 13.3" |
| | Indoor Unit Weight (Net/Gross) | lb | 22 / 28.6 | 24.2 / 30.8 | 30.8 / 37.4 | 39.6 / 55 |
| | Outdoor Unit Dimensions (W*D*H) | in | 29.9" × 21.7" × 10.1" | 29.9" × 21.7" × 10.1" | 35.5" × 25.6" × 12.4" | 35.4" × 31.7" × 14.2" |
| | Outdoor Unit Packing (W*D*H) | in | 34" × 23.5" × 14.8" | 34" × 23.5" × 14.8" | 40.8" × 27.8" × 17.1" | 40.5" × 36.4" × 17.6" |
| | Outdoor Unit Weight (Net / Gross) | lb | 72.6 / 79.2 | 74.8 / 81.4 | 110 / 121 | 132 / 145.2 |
| System | Refrigerant Gas | Type | R-410A | R-410A | R-410A | R-410A |
| | Charge Amount ³ | oz / g | 38 | 46 | 62 | 76 |
| | Refrigerant connections | | Flare | Flare | Flare | Flare |
| | Piping size - Liquid | inch (mm) | 1/4" | 1/4" | 1/4" | 3/8" |
| | | Gas | inch (mm) | 3/8" | 3/8" | 1/2" |
| | Design Pressure | psig | 650 | 650 | 650 | 650 |
| | Max. Line Run ¹ | ft | 45 | 45 | 55 | 55 |
| | Max. Elevation difference ² | ft | 17 | 17 | 33 | 33 |
| | Indoor Unit Air Circulation | cfm | 324 / 324 | 430 / 471 | 559 / 589 | 824 / 853 |
| | Fan Speeds | H / M / L | 3 | 3 | 3 | 3 |
| | Temp. Setting Range | | On Remote 62° F - 88° F | On Remote 62° F - 88° F | On Remote 62° F - 88° F | On Remote 62° F - 88° F |
| | Noise level indoor (H/M/L) | dB(A) | 40 / 38 / 36 | 42 / 40 / 38 | 56 / 54 / 50 | 57 / 55 / 52 |
| | Noise level outdoor | dB(A) | 50 | 52 | 54 | 59 |
| | Applicable Area | Sq.Ft. | up to 400 | 400 - 600 | 600 - 800 | 800 - 1200 |
| Features | Auto re-start | | Yes | Yes | Yes | Yes |
| | Horizontal right/left air direction | | Yes | Yes | Yes | Yes |
| | Auto level swing | | Yes | Yes | Yes | Yes |
| | Timer | | 24 | 24 | 24 | 24 |
| | Active carbon | | Optional | Optional | Optional | Optional |
| | Silver ion | | Optional | Optional | Optional | Optional |

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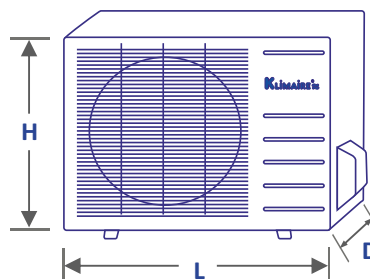
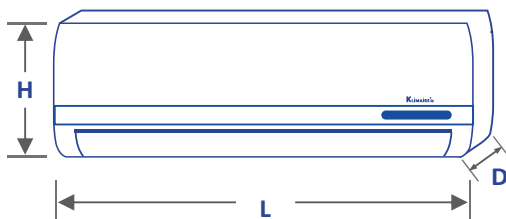
1 - Minimum recommended line set length is 10 ft.

2 - When the outdoor unit is at higher height than the indoor unit an oil trap should be installed every 17 ft to 23 ft (5 to 7 m)

3 - The longest pipe length can be 50 ft. For lengths over 23 ft it is necessary to add 0.21 oz of refrigerant charge per foot of additional pipe.

4 - Maximum height difference between outdoor and indoor unit could be 16 ft.

Dimensions



GENERAL SPECIFICATIONS

HEAT PUMP UNITS

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| Nominal | Cooling Capacity | Btu/h | 9.000 | 12.000 | 18.000 | 24.000 |
| | Heating Capacity | Btu/h | 9.500 | 12.500 | 17.300 | 23.500 |
| | Dehumidification | Pts/h | 1,7 | 2,1 | 3,17 | 4,2 |
| Performance | EER | Btu/W.h | 11,6 | 10,9 | 11,6 | 11,7 |
| | SEER | Btu/W.h | 13,5 | 13,0 | 13 | 13,0 |
| | HSPF | Btu/W.h | 9,0 | 8,1 | 7,7 | 7,8 |
| | | | | | | |
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| | Amps (Heat) | A | 7,4 | 9,0 | 6,4 | 9,7 |
| | Minimum Circuit Amp. | A | 6,2 | 6,2 | 14 | 14 |
| | Max. Overc. Protection | A | 15 | 15 | 20 | 25 |
| | Watts (Cool) | W | 800 | 1100 | 1550 | 2050 |
| | Watts (Heat) | W | 810 | 1000 | 1500 | 2050 |
| | No. of Wires Indoor to Outdoor | | 3 4 | 3 4 | 3 4 | 3 4 |
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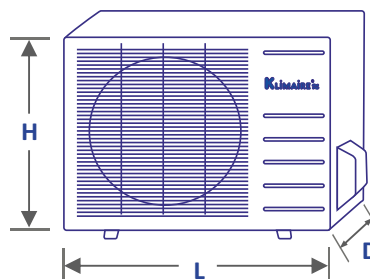
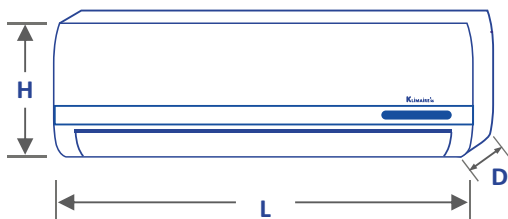
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Dimensions



Allure **KSWT** SERIES



5Year
Warranty
on Compressor

1Year
Warranty
on Parts

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