



 **innovair**®



## ***PURE SERIES***

### Ductless Heat Pump Mini Split System

- Up to 20 SEER / 10 HSPF
- Inverter Technology
- Heat Pump and AC Operation
- Wifi included (Alexa and Google Home)
- AHRI and ETL Rated
- Ultra Heat down to -13°F
- Horizontal Swing
- Vertical Swing
- Multiple fan speeds
- Intelligent defrost
- Low voltage start-up
- Healthy 4-in-1 Filter
- Sleep mode
- Timer mode
- Self-Diagnosis
- Turbo Mode
- Quiet Operation

## ADVANTAGE OF SINGLE ZONE CONTROL

- A ductless AC is able to distribute cold or warm air more evenly and efficiently than traditional units, resulting in a more comfortable temperature throughout the home.
- They're easy to install. Ductless installation is essentially free of hassles, doesn't require any invasive ductwork, and can be completed in just a few days. As a result, the installation is less expensive than a traditional HVAC system.

- They save money. Ductless systems are extremely efficient and have the ability to heat and cool homes at just a fraction of the cost of other heating and cooling units.
- It allows allergy sufferers to breathe easier. Ductless systems contain air purifying filters that absorb germs, pollen, dust, mildew, and odor-causing gases. In addition, they constantly circulate fresh and healthy air throughout the home.



*Indoor Unit*

*Refrigerant Lines*

*Outdoor Unit*



# SINGLE-ZONE APPLICATIONS

Single zone systems can control each room with their own preference with heating or cooling.

**Living Rooms**



**Bedrooms**



**Kitchens**



**Garages**

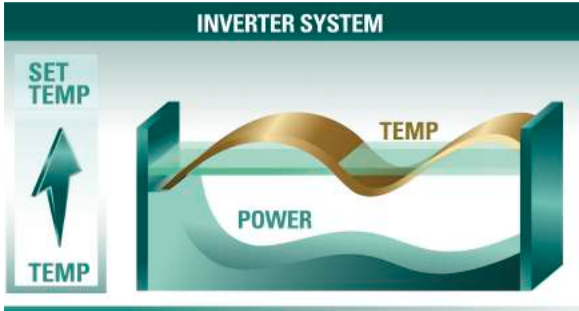
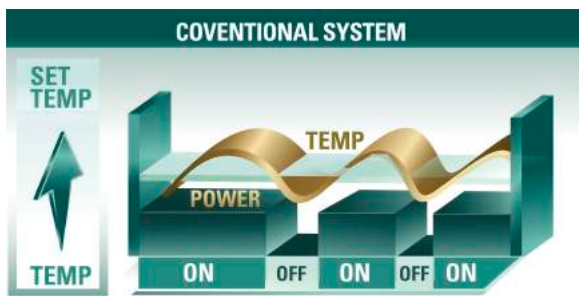


**Computer Server Rooms**



**Indoor Gardens**





## Why go Inverter?

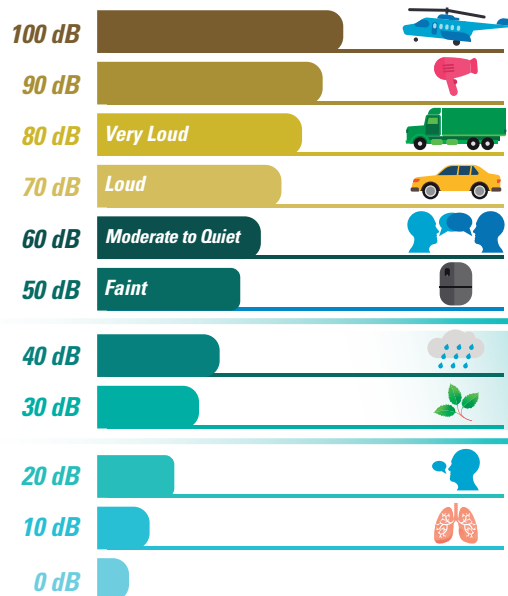
The key difference between an inverter and non-inverter air conditioner is that an inverter system can regulate the speed of its compressor and motor. Once the room is cool, inverter technology reduces the speed of the motor and refrigerant used to cool the area, thus saving on energy.

In comparison, non-inverter motors only runs at full speed. The motor runs at full speed and turns off once room temperature drops to the desired level. This repeated on-off process can produce unnecessary noise and consume more energy.



## Saves up to 30% on your utility bill

Since mini-splits require no ducting, they forego those energy losses typically associated with conventional central systems. Ducts not properly sealed or unconditioned spaces such as attics, crawlspaces, or poorly insulated rooms can account for more than 30% of loss energy consumption, leading to a more expensive utility bill.



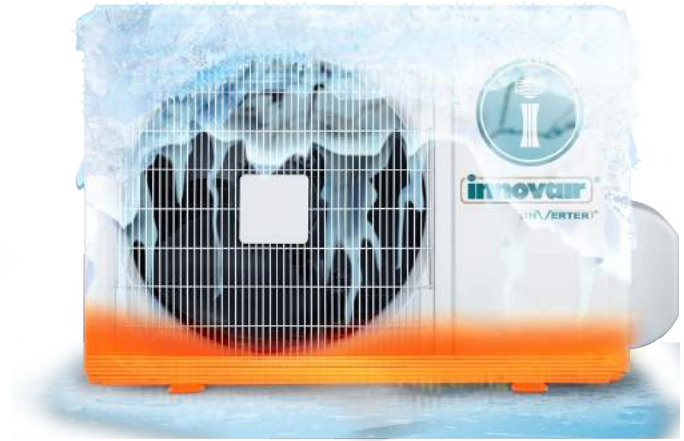
## A Quiet Option

With inverter technology, the indoor unit will continuously run at adjusted speeds, eliminating the loud start-up conventional air conditioning systems require.

This comfort will allow a flexible installation in areas that will not interrupt day-to-day activities with unnecessary noise pollution.

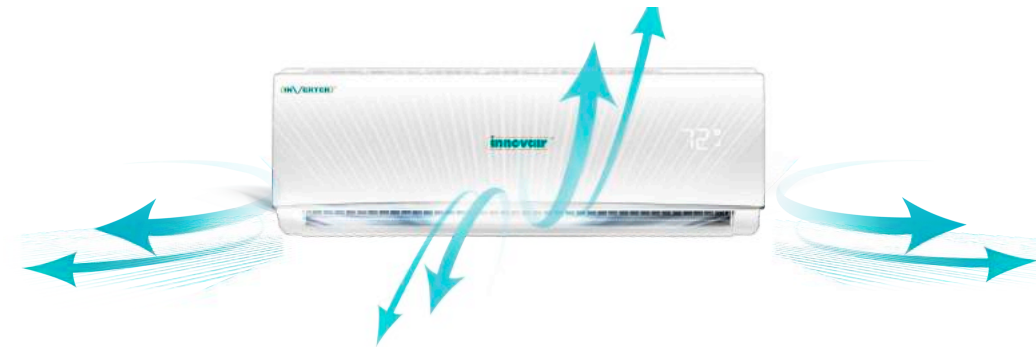
## Condenser Features

- Heating function able to operate at outside temperatures as low as -13 °F
- Ultra high efficiency up to 20 SEER cooling and 10 HSPF heating
- Rust protective Gold-Fin condenser coils
- **Saving energy by using Intelligent Defrost. Helps monitor the frost build up on coil surface with electric base pan heating belt**
- Self-Diagnostic built-in computer which uses real-time diagnostics which helps prolong the unit's life and alerts users with simple error codes the system may be having.



## Wall Mount Features

- 4-Way airflow allows for Vertical and Horizontal auto swing
- Ultra-Quiet indoor operations with inverter technology
- Wide angle air guides enable a full 180° swing up and down for superior air distribution
- High efficiency grooved copper tubes
- 4 in 1 healthy filters include Active Carbon, Catechin, Catalyst, and Vitamin-Enriching Filters



## Control Features

- Multi-functional wireless remote control with large LCD display
- "I FEEL" mode can sense the room temperature from the remote control, adjusting to your locations comfort
- **Wifi Access to control your system away from your system's location. Compatible with Amazon Alexa and Google Home.**
- Sleep Mode allows the unit to automatically adjust room's temperature at low sound levels
- Available displays in °F or °C





# PURE SERIES SPECIFICATIONS

MODEL		PIN12H1V51	PIN12H2V51	PIN18H2V51	PIN24H2V51	
SYSTEM	<b>CAPACITY</b>	BTU/H	12,000	12,000	18,000	24,000
	<b>ELECTRICAL</b>	Volt / Hertz	115 / 60Hz	208~230V / 60Hz	208~230V / 60Hz	208~230V / 60Hz
		MOCAP (A)	19.0	10.0	12.0	18.0
	<b>COOLING</b>	Rated Current (A)	9.7	4.9	7.8	10.5
		SEER	20	19	19	18
	<b>HEATING</b>	Rated Current (A)	9.7	4.9	7.8	10.5
		HSPF	10.0	9.5	10.0	10.0
	<b>OPER. AMBIENT TEMP.</b>	Cooling (°F)	5 °F~122°F			
		Heating (°F)	-13 °F ~ 86 °F			
	<b>CIRCUIT BREAKER SIZE</b>	(A)	30.0	15.0	20.0	30.0
	<b>MOISTURE REMOVAL</b>	Liter/Hr	1.6	1.6	2.5	2.6
	<b>REFRIGERANT</b>	R410A (oz)	35.3	34.2	37.7	50.1
		Liquid (in)	1/4"	1/4"	1/4"	1/4"
	<b>REFRIGERANT CONNECTIONS</b>	Suction (in)	3/8"	3/8"	3/8"	1/2"
		Pre-Charged Length (Ft)	25	25	25	25
		Maximum Length (Ft)	50	50	50	50
Maximum Height (Ft)		16.4	16.4	16.4	16.4	
INDOOR UNIT	<b>AIR FLOW</b>	CFM	205 ~ 425	205 ~ 425	350 ~ 745	385 ~ 885
	<b>SOUND LEVEL</b>	dB(A)	34 ~ 40	34 ~ 40	34 ~ 44	42 ~ 50
	<b>CONTROL</b>	Remote Control	LCD WIRELES REMOTE CONTROL and WIFI			
		Temperature Range	62 °F ~ 86 °F			
	<b>DIMENSIONS</b>	Unit W x H x D (in)	32 x 11 1/2 x 8	32 x 11 1/2 x 8	39 3/4 x 12 1/2 x 8 1/2	46 1/2 x 13 1/2 x 10 1/4
	<b>WEIGHT</b>	Unit Net (LBs.)	17.6	17.6	28.7	37.5
OUTDOOR UNIT	<b>COMPRESSOR</b>	RLA	14.2	7.1	8.7	13.4
		LRA	-	-	-	-
	<b>SOUND LEVEL</b>	dB(A)	52	52	55	58
	<b>DIMENSIONS</b>	Unit W x H x D (in)	28 3/4 x 21 3/4 x 11 1/4	28 1/4 x 19 1/2 x 9 1/2	30 3/4 x 23 3/4 x 11 1/2	33 1/4 x 27 1/2 x 15
<b>WEIGHT</b>	Unit Net (LBs.)	63.9	59.5	73.8	99.2	

\*Specifications are subject to changes without notice. \*\* Model numbers, pictures, and specifications of all products are subject to change without further notice.

## ACCESSORIES INCLUDED



- 16 FT Installation Kit
- Inter-connecting Cables
- Drain Hose
- Installation and User Manuals
- Vibration Grommets (4) and Valve Cover for Condenser
- LCD Remote Control and Holder
- Wifi pre-installed

## Wifi Solution



Wifi Access allows multiple modes:

- Control Mode Setting
- Control Air Speed
- Control Air Flow
- Create Schedule
- Monitor Electrical Consumption
- Self-Diagnosis report



## Innovative Ideas in Air Conditioning

