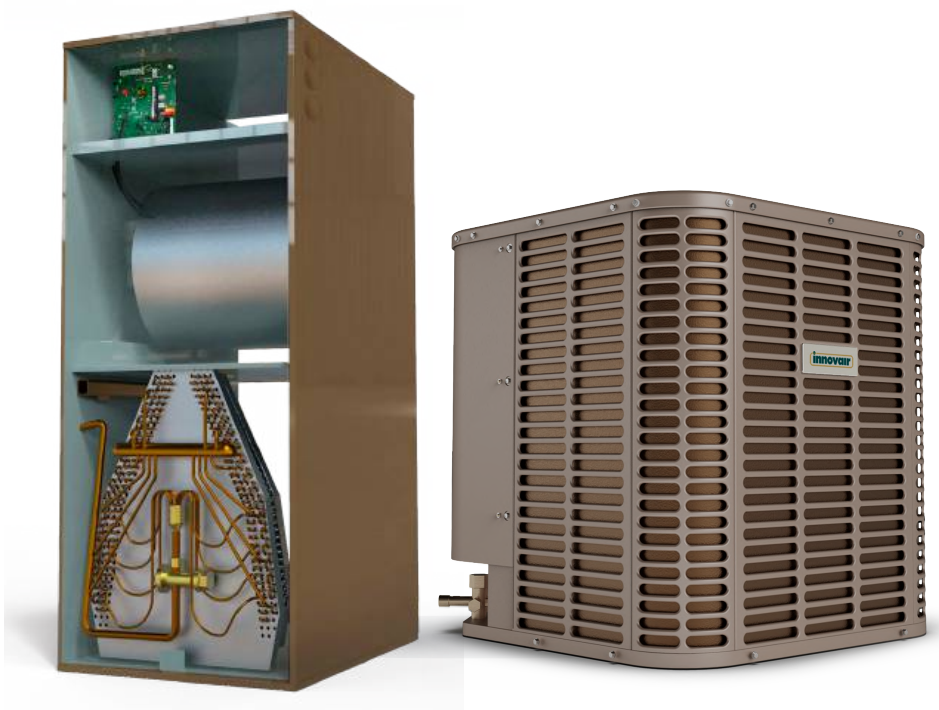


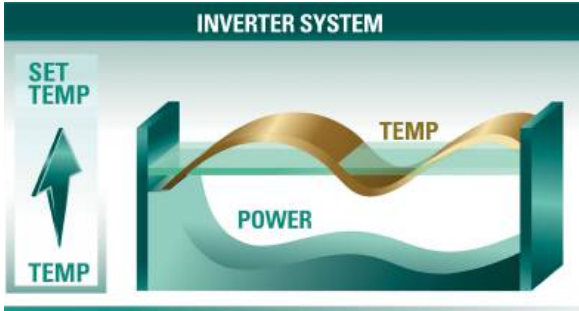
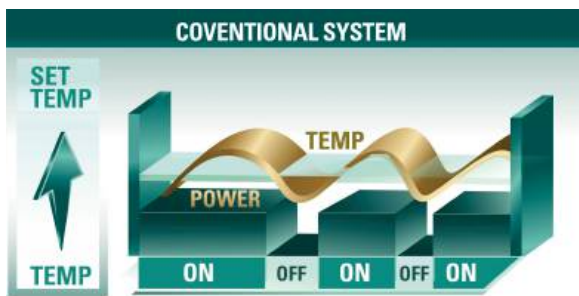


GOLDTEC



- 16 SEER2 AHRI Certified
- Painted galvanized steel cabinet
- Louvered steel coil guard
- 24V Low voltage control
- Twin rotary DC compressor
- Copper tubing coil and enhanced aluminum fins
- Refrigerant pipeline cooling
- High and Low pressure protection
- Anti-corrosion Gold-Fin coil
- Heat - Pump condensing units





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.

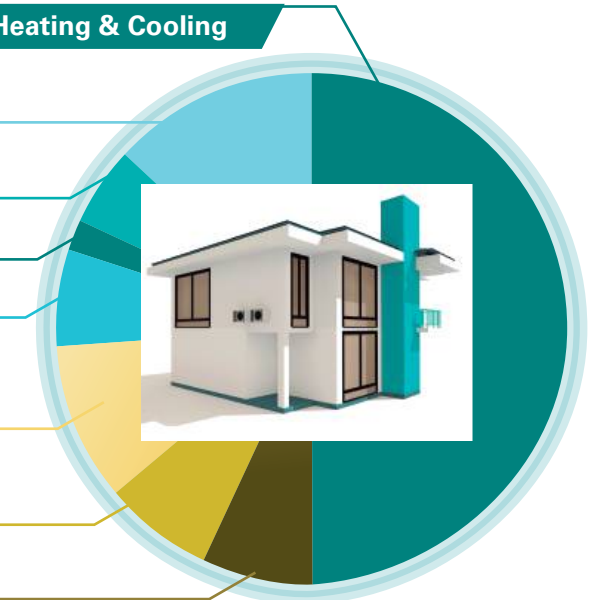
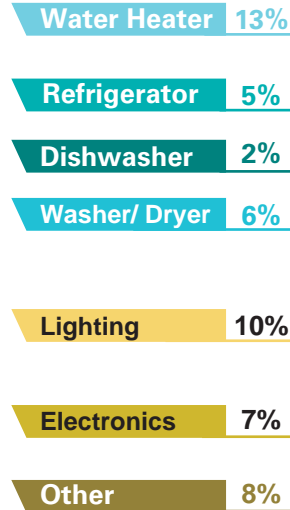
In comparison, non-inverter motors only runs at full speed. The motor runs at full speed and turns off once room temperature drops to the desired level. This repeated on-off process can produce unnecessary noise and consume more energy.

Where does your energy go?

As much as half of the energy used in your home goes to heating and cooling. Making a decision on your next air conditioning system can have a big effect on your utility bills, along with your comfort.

By investing in inverter technology, your long term savings can help pay back your initial investment!

50% Heating & Cooling



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.

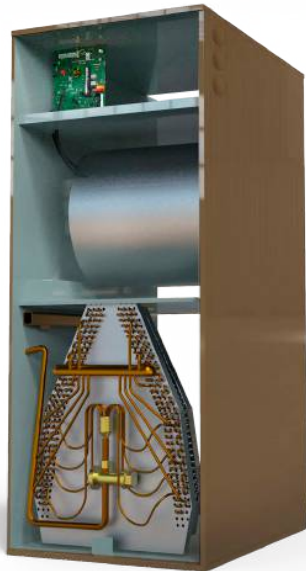
Saves up to 50% on your utility bill

Inverter technology can help save up to 50% when choosing a 16 SEER2 unit compared to a 10 SEER conventional unit.

Below conditions are comparing a 60,000 BTU unit in savings between 10 SEER and 16 SEER2.

16 SEER2 Savings vs 10 SEER	Electric Rate (\$/kWh)						
	\$0.10	\$0.15	\$0.20	\$0.25	\$0.30	\$0.35	\$0.40
5 Year Savings	\$3,816.00	\$5,724.00	\$7,632.00	\$9,539.00	\$11,447.00	\$13,355.00	\$15,263.00
10 Year Savings	\$7,108.00	\$10,661.00	\$14,215.00	\$17,769.00	\$21,323.00	\$24,876.00	\$28,430.00

*Calculations based on operations of 3240 hours per year. Estimation based on mathematical equation. Results may vary.



Indoor Main Features

- Galvanized steel with paint on all panels. Thermal insulator cover all inside panels to reduce heat and cooling losses and prevent condensed water accumulation
- A" shape coils, constructed with copper tubing and enhanced aluminum fins
- Brushless DC motor with high energy efficiency and low noise.
- TXV Expansion device

Outdoor Main Features

- High Pressure and Low Pressure protection
- Pipe and Discharge Sensor protection
- Refrigerant pipeline cooling and fin cooling are used to cool electronic control board. Circuit temperature is more stable.
- Gold-Fin coils to help corrosion protection
- Moisture proof Control Board
- Thick-Sprayed metal cabinet



GOLDTEC 18 SPECIFICATIONS

OUTDOOR UNIT		VEA24H2V18	VEA36H2V18	VEA48H2V18	VEA60H2V18	
ELECTRICAL DATA	Voltage-Phase-Hz	V-Ph-Hz	208/230V-1Ph-60Hz			
	Minimum Circuit Ampacity	A	14	19	25	29
	Max. Overcurrent Protection	A	20	30	40	50
	Min / Max Volts	V	187 / 253	187 / 253	187 / 253	187 / 253
COOLING	Capacity	Btu/h	23400	34000	45000	53000
	cooling capacity range	Btu/h	15000~26200	16000~36700	21800~49300	22000~56900
	EER2	Btu/h.W	12.2	10.6	10.8	9.8
	SEER2	Btu/h.W	16	16	16	15.8
HEATING	Capacity	Btu/h	23200	34200	46000	53000
	Heating capacity range	Btu/h	12400~24000	12900~35200	17500~47900	17500~53000
	HSPF2	Btu/h.W	8.1	8.1	8.1	7.5
COMPRESSOR	Model		ATM240D57UFT	ATM240D57UFT	MNB42FCKMC-L	MNB42FCKMC-L
	Brand		GMCC	GMCC	Mitsubishi	Mitsubishi
	Type		Twin-rotary DC	Twin-rotary DC	Twin-rotary DC	Twin-rotary DC
	Rated current(RLA)	A	8.85	8.85	11.80	11.80
	Refrigerant oil	ml	670	670	1400	1400
	LRA		45	45	58.1	58.1
OUTDOOR MOTOR	Type		AC	AC	DC	DC
	Rated HP	W	1/6	1/6	1/3	1/3
	Speed	rpm	870	870	1050	1050
	FLA	A	0.8	1	2.5	2.5
OUTDOOR NOISE LEVEL		dB(A)	61	62	64	65
OUTDOOR DIMENSIONS	Net (W×H×D)	inch	29 ¼ x 25 x 29 ¼		29 ¼ x 32 ¾ x 29 ¼	
OUTDOOR WEIGHT	Net	lbs	141	141	176	176
REFRIGERATION SYSTEM	Liquid side / Gas side	in.	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Factory charge R410A	oz	R410A /118.16	R410A / 118.16	R410A / 171.08	R410A / 171.08
	Metering device		EEV for heating			
	Connection method		Solder			
OPERATION TEMPERATURE	Cooling	°F	64-118	64-118	64-118	64-118
	Heating	°F	5-109	5-109	5-109	5-109
AHRI CERTIFICATE #			206362547	206362548	206362549	206362550
INDOOR UNIT		DHV24H2V18	DHV36H2V18	DHV48H2V18	DHV60H2V18	
ELECTRICAL	Min Current Ampacity (MCA)		1.7	2.0	5.0	6.0
	Max Over Protection (MOP)		10.0	10.0	10.0	10.0
SOUND LEVEL	dB(A) (H/M/L)		48/46/43	50/48/45	58/55/53	61/59/57
AIR FLOW	CFM		780	1300	1500	1750
OPERATION TEMPERATURE	(°F)		62 ~ 86	62 ~ 86	62 ~ 86	62 ~ 86
NET DIMENSIONS	Width x Depth x Height (in)		19 ¾ x 22 x 45 ¾	19 ¾ x 22 x 45 ¾	22 x 24 ½ x 53 ¼	22 x 24 ½ x 53 ¼
NET WEIGHT	Unit (Lbs)		130	141	176	176

*Specifications are subject to changes without notice. ** Model numbers, pictures, and specifications of all products are subject to change without further notice.*** Operating temperatures: Cooling: 64~118°F / Heating: 5~109°F
 ****Capacities may vary when installing just the outdoor unit with a third party indoor side. When using the the heat-pump outdoor unit as cooling only make sure a TXV is installed on the indoor side. When using the heat-pump outdoor unit as a heat-pump, make sure a heat-pump TXV is installed on the indoor side.