

PIONEER® QUANTUM Ultra™

Ductless Wall Mount Split Systems

23~24 SEER Ultra High Efficiency

Heat Pump + DC Inverter in One System

Single Zone (9000~24000 BTU/hr)

110~120V / 208V~230V, 60Hz, 1Ph

Wireless Access Via Free Smartphone App



WYT-24

DC INVERTER HEAT PUMP

INVERTER++[®]
TECHNOLOGY

R454b

**Smart
Airflow**

**High
Efficiency**

**Insulated
DESIGN**

**Cloud
Connected**

**DUAL
DRAINAGE**

Low Noise

WORKS
WITH

amazon alexa

Google Assistant

Siri



Whisper-Quiet
Operation



Dual Drain
Options



LED
Display



Convenient
Maintenance



Eco-Friendly
Refrigerant



Customizable
Timer



Soft Breeze
Airflow



3D Air Flow



Ultra-Thin
Design



Power Loss
Memory Recovery



Rapid Delivery
Output



Energy
Saving



Wireless
Control

STANDARD FEATURES

- Digital Backlit LED Display On Front Panel
- Designed For Standard Wall Hung Installation
- Reverse Cycle / Heat Pump Application
- Latest Design Attractive Acrylic Flat Panel
- Full ABS Plastic Casing for Indoor Units
- Removable Flip Open Style Front Panel Cover
- Washable Return Air Filter Cartridges
- Self Learning Time-Demand Defrost Logic
- Automatic Synchronized Discharge Louver
- Three + Auto Speed Digital EC-DC Blower Motor
- Digital Motor Speed Control System
- Whisper Quiet Indoor Motor with Ball Bearings
- High Air Flow Volume for Quick Performance
- Ultra High Efficiency Grooved Copper Tubes

- Enhanced Louvered Hydrophilic Aluminum Fins
- Superior Efficiency Rating Under Variety of Conditions
- Dynamically Balanced Ultra Quiet Cross-Flow Blower
- Anti Mildew Treatment on Blower Wheels
- Internal Noise and Vibration Isolation
- High Output & Quiet Variable Speed Compressors
- Very Low Starting Current
- Anti Discoloration Formulated Plastic Dyes
- Low Ambient Condenser Heat Strip for -13°F Heating
- LCD Screen Infrared Electronic Control
- Auto-Restart with Memory for Power Outages
- Timer for Preset Starting and Stopping
- Auto Changeover, Dry and Fan Only Modes
- Season Sensitive Operational Logic

- Large Capacity Suction Accumulators
- Ultra Galvanized Sheet Metal Parts
- Heavy Coat of Baked Enamel Paint for the Outdoor Unit
- Durable Outdoor Fan with High Glass Content
- Efficient, Permanently Lubricated EC-DC Outdoor Motor
- Internal Overload Protection for Motors
- Flare Type Refrigerant Connections
- Full Operating Charge of Refrigerant (R454B)
- Standardized Cabinet Design for all Models
- Piping and Wiring Through Bottom, Sides or Rear of Unit
- Highest Grade Components for Long Life Expectancy
- Ample Availability of Spare Parts and Accessories
- Wireless Access Via Free Smartphone App Included
- Built to Withstand Extreme Ambient Climates

Full System Model Number			WYT009ALS124RL	WYT012ALS124RL	WYT009GLS124RL	WYT012GLS124RL	WYT018GLS124RL	WYT024GLS124RL	
			Indoor Unit Model Number	WT009ALS124HLG	WT012ALS124HLG	WT009GLS124HLG	WT012GLS124HLG	WT018GLS124HLG	WT024GLS124HLG
			Indoor Unit Model Code	ZZU010102009398	ZZU010102009434	ZZU010102009397	ZZU010102009435	Z4U010102039160	ZZU010102009485
			Outdoor Unit Model Number	YN009ALS124RPG	YN012ALS124RPG	YN009GLS124RPG	YN012GLS124RPG	YN018GLS124RPG	YN024GLS124RPG
			Outdoor Unit Model Code	ZZU010103009118	ZZU010103009150	ZZU010103009117	ZZU010103009151	Z4U010103038432	ZZU010103009200
System Type			QUANTUM ULTRA Series High Wall Mount Type Split Heat Pump System (SEER2 24 / Range 23 ~ 24)						
Modes			Cooling, Heating, Dehumidification, Ventilation						
Control type			Standard set with IR wireless remote (Other optional controllers are available) plus wireless internet access module included						
Input power supply			110~120V~/60Hz/1P	110~120V~/60Hz/1P	208~230V~/60Hz/1P	208~230V~/60Hz/1P	208~230V~/60Hz/1P	208~230V~/60Hz/1P	
Power supply range			99 ~ 132 VAC	99 ~ 132 VAC	187 ~ 253 VAC	187 ~ 253 VAC	187 ~ 253 VAC	187 ~ 253 VAC	
Energy Star Rating			✓	✓	✓	✓	✓	✓	
NEEP Rating			✓	✓	✓	✓	✓	✓	
Cooling performance	Rated cooling capacity (at 95°F)	Btu/h	9,000	12,000	9,000	12,000	18,000	23,000	
	Cooling capacity range	Btu/h	2,400~11,000	2,500~12,500	2,400~11,000	2,500~12,500	4,000~19,000	4,700~25,000	
	EER2 Rating	Btu/W.h	13.0	13.0	13.0	13.0	12.5	12.0	
	SEER2 Rating	Btu/W.h	24.0	23.0	24.0	24.0	23.0	23.0	
Heating performance	Rated Heating capacity (at 47°F)	Btu/h	10,000	12,400	10,000	12,600	19,000	25,000	
	Rated Heating capacity (at 17°F)	Btu/h	6,200	7,800	5,800	8,100	11,000	14,000	
	Heating capacity range	Btu/h	2,400 ~ 11,000	2,500 ~ 15,000	2,400 ~ 11,000	2,500 ~ 15,000	4,000 ~ 21,000	4,700 ~ 26,500	
	HSPF2 Rating (Region IV)	Btu/W.h	10.0	10.0	10.0	10.0	9.5	9.5	
	HSPF2 Rating (Region V)	Btu/W.h	8.6	8.6	8.6	8.6	8.2	8.2	
	COP2 (at 47°F)	W/W	3.81	3.81	3.81	3.81	3.81	3.41	
	Max. Heating capacity (at 5°F)	Btu/h	7,500	8,900	7,100	9,100	13,600	18,600	
	Performance percentage (at 5°F)		75%	72%	71%	72%	72%	74%	
	COP2 (at 5°F)	W/W	2.1	2.1	2.1	2.1	1.8	1.8	
	Max. Heating capacity (at -4°F)	Btu/h	6,400	8,000	6,100	8,100	11,000	15,600	
Rated power consumption	Cooling	W	680	960	680	970	1,390	1,860	
	Heating	W	730	945	730	925	1,360	2,000	
Rated power current	Cooling	A	6.1	8.5	3.0	4.4	6.2	8.3	
	Heating	A	6.5	8.4	3.3	4.2	6.1	9.0	
Min. circuit ampacity		A	15	16	10	11	12	17	
Max. circuit breaker		A	20	25	15	15	20	25	
Moisture removal		Pint/day	55	80	55	80	110	130	
Refrigerant and room size specifications	Type		R454b (A2L rated refrigerant with a lower GWP rating of 466)						
	Amount	Ozs	25.0	35.3	25.0	35.3	45.5	55.0	
	Sufficiency for max line set length	Ft	25	25	25	25	25	25	
	Adjustment amount per feet	Ozs	0.11	0.11	0.11	0.11	0.11	0.11	
	Recommended room size	Sq.Ft	250 ~ 350	350 ~ 500	250 ~ 350	350 ~ 500	500 ~ 750	750 ~ 1,000	
	Refrigerant leakage detector module		Standard / Assembled in indoor unit						
Minimum room size (unit height 6')		SqF	28	40	28	40	51	62	
Air volume and sound level	Turbo/High/Med/Low/Mute	CFM	326/283/235/188/153	500/470/411/323/205	326/282.5/235/188/153	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394	
		dB(A)	43/40/33/31/30	46/44/36/32/30	43/40/33/31/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34	
Outdoor sound		dB(A)	50	52	50	52	53	54	
Connecting pipe	Gas	In (OD)	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"	
	Liquid	In (OD)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
	Accessory line set length available	Feet	10' / 16' / 25' / 33' / 50' (can be further extended using coupling kits). Both Standard copper and fully flexible sets are available						
	Maximum allowable length	Feet	50	50	50	50	65	65	
	Maximum allowable vertical run	Feet	33	33	33	33	50	50	
Indoor unit dimensions and weight	Net unit dimensions (WxDxH)	Inch	32"-1/4 x 12" x 7"-5/8	36"-1/2 x 12" x 7"-5/8	32"-1/4 x 12" x 7"-5/8	36"-1/2 x 12" x 7"-5/8	43"-1/8 x 13" x 8"-3/4	43"-1/8 x 13"-1/8 x 8"-3/4	
	Carton box dimensions (WxDxH)	Inch	35" x 15" x 10"-1/2	39" x 15" x 10"-1/2	35" x 15" x 10"-1/2	39" x 15" x 10"-1/2	45"-7/8 x 16" x 11"-5/8	45"-7/8 x 16" x 11"-5/8	
	Shipping factor		0.00140	0.00155	0.00140	0.00155	0.00209	0.00209	
	Net unit weight	Lbs	20.7	23.1	20.7	23.1	30.9	30.9	
	Shipping weight	Lbs	25.1	30.9	25.1	30.9	35.3	35.3	
Outdoor unit dimensions and weight	Net unit dimensions (WxDxH)	Inch	31"-7/8 x 12" x 21"-5/8	31"-7/8 x 12" x 21"-5/8	31"-7/8 x 12" x 21"-5/8	31"-7/8 x 12" x 21"-5/8	36"-1/2 x 15" x 27"-1/2	38"1/2 x 16"-5/8 x 31"-5/8	
	Carton box dimensions (WxDxH)	Inch	32"-7/8 x 13" x 22"-5/8	32"-7/8 x 13" x 22"-5/8	32"-7/8 x 13" x 22"-5/8	32"-7/8 x 13" x 22"-5/8	37"-3/8 x 16"-3/4 x 28"-3/4	40"-1/4 x 18-7/8 x 31"-7/8	
	Shipping factor		0.00256	0.00256	0.00256	0.00256	0.00500	0.00694	
	Net unit weight	Lbs	53.6	58.4	52.7	58.4	90.4	104.7	
	Shipping weight	Lbs	60.2	65.0	59.3	65.0	99.2	113.5	
Connecting cable			AWG #16 x 4 Core TC-ER cable						
Temperature setting range		*F	62 ~ 86						
Working ambient temperature range for cooling		*F	5 ~ 131						
Temperature setting range for heating		*F	-13 ~ 86						

Rated cooling performance data is based on standard ARI conditions of **80°F-DB/67°F-WB** Indoor and **95°F** Outdoor ambient conditions. Rated heating performance data is based on standard ARI conditions of **70°F-DB/60°F-WB** Indoor and **47°F** Outdoor ambient conditions. Variable speed inverter systems adjust their output capacity automatically based on actual indoor and outdoor temperatures, thermostat settings and other heating or cooling loads. Capacity of the system output and related power input will vary based on these conditions. System contains A2L refrigerant and the minimal room size data must be strictly adhered to for any standard installation to avoid fire risk. This data assumes the indoor unit installation height of minimum 6 feet from the floor level. Lower levels require larger min. room sizes. **Specifications and data listed herein are subject to change without notice due to constant product and engineering improvements. Always refer to the equipment nameplate for applicable exact information.**