PIONEER®

QUANTUM Ultra™

Floor/Ceiling/Low Wall Split Systems

UYT-24

DC INVERTER | HEAT PUMP

- 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



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 Fow | Ultra-Thin Design | Power Loss Memory Recovery | Rapid Delivery Output | Energy Saving | Wireless Control

STANDARD FEATURES

- Designed For Horizontal or Vertical Installation
- Cooling Only or Heat Pump Applications
- Ultra Slim Fully Cased Compact Cabinet Design
- Floor, Low Wall or Ceiling Suspended Positions
- Full Galvanized Heavy Steel Casing for Indoor Units
- Auto Sweep Air Discharge Louver Technology
- Digital LCD Screen Wireless Remote Controller
- Ultra Quiet Air Delivery With High Performance
- Variable Speed ECM Indoor Fan Motors
- Heavy Gauge Closed Cell Internal Rubber Insulation
- Auto-Restart with Memory for Power Outages
- Timer for Preset Starting and Stopping
- Auto Changeover, Dry, and Fan Only Modes
- Season Sensitive Operational Logic
- Self-Learning Time-Demand Defrost
- Automatic Swing Directional Louvers
- Three + Auto Speed PSC 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
- Latest Technologies in DC Inverter Driver System
- Dynamically Balanced Ultra Quiet Scirocco Blowers
- Anti Mildew Treatment on Blower Wheels
- Superior Energy Efficiency and Performance
- Fully Variable Speed Compressors for All Models
- Fully Charged with Environmentally Friendly R32 Gas
- Precision Controlled Compressor and Fan Motors
- Ultra Galvanized Sheet Metal Parts
- Heavy Coat of Baked Enamel Paint for the Outdoor Unit
- Durable Outdoor Fan with High Glass Content
- Extra Durable, Permanently Lubricated Outdoor Motor
- Internal Overload Protection for Motors
- Flare Type Refrigerant Connections
- Full Operating Charge of Refrigerant
- Standardized Cabinet Design for All Models
- Easy Access for Piping and Wiring Connections
- Highest Grade Components for Long Life Expectancy
- Ample Availability of Spare Parts and Accessories

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Full System Model Number			UYT018GLSI24RL	UYT024GLSI24RL
	Indoor Unit Model Number		**UT018GLSILCFHG**	**UT024GLSILCFHG**
	Indoor Unit Model Code		Z2U30302000480	Z2U30302000481
	Outdoor Unit Model Number		**YN018GLSI24RPG**	**YN024GLSI24RPG**
	Outdoor Unit Model Code		Z4U20103038432	Z2U20103009200
System Type			QUANTUM ULTRA Series Floor / Ceiling Mounting Type Split Heat Pump System	
Modes			Cooling, Heating, Dehumidification, Ventilation	
Control type			Standard set with IR wireless remote (Other optional controllers are available)	
Input power supply			208~230V~/60Hz/1P	208~230V~/60Hz/1P
Power supply range			187~253 VAC	187~253 VAC
Energy Star Rating			✓	✓
NEEP Rating			✓	✓
Cooling performance	Rated cooling capacity (at 95°F)	Btu/h	18,000	22,200
	Cooling capacity range	Btu/h	4,550~20,200	6,010~24,610
	EER2 Rating	Btu/W.h	11.7	11.7
	SEER2 Rating	Btu/W.h	20.5	20.0
Heating performance	Rated Heating capacity (at 47°F)	Btu/h	18,000	24,400
	Rated Heating capacity (at 17°F)	Btu/h	14,500	22,000
	Heating capacity range	Btu/h	2,910~22,840	4,750~28,640
	HSPF2 Rating (Region IV)	Btu/W.h	9.0	9.5
	HSPF2 Rating (Region V)	Btu/W.h	8.2	8.5
	COP2 (at 47°F)	W/W	2.8	3.44
	Max. Heating capacity (at 5°F)	Btu/h	13,200	18,500
	Performance percentage		74%	78%
	COP2 (at 5°F)	W/W	1.85	2.0
	Max. Heating capacity (at -4°F)	Btu/h	11,780	15,128
	Max. Heating capacity (at -13°F)	Btu/h	9,500	12,200
Rated power consumption	Cooling	W	1,515	2,200
	Heating	W	1,725	2,320
Rated power current	Cooling	A	6.8	11.4
	Heating	A	7.7	11.9
Min. circuit ampacity		A	12	17
Max. circuit breaker		A	20	25
Moisture removal		Pint/day	110	130
Refrigerant and room size specifications	Type		R454b (A2L rated refrigerant with a lower GWP rating of 466)	
	Amount	Ozs	45.5	55.0
	Sufficiency for max line set length	Ft	25	25
	Adjustment amount per feet	Ozs	0.11	0.11
	Recommended room size	Sq.Ft	500~750	750~1,000
	Refrigerant leakage detector module		Standard / Assembled in indoor unit	
	Minimum room size (mounting opt.)	**SqF**	**51 (Ceiling Suspended) / 195 (Floor or Low Wall)**	**62 (Ceiling Suspended) / 260 (Floor or Low Wall)**
Air volume and sound level	Turbo/High/Med/Low/Mute	CFM	588/512/453/353/265	647/588/517/470/412
		dB(A)	50/46/44/40/36	53/52/48/44/40
Outdoor sound		dB(A)	53	54
Connecting pipe	Gas	In (OD)	1/2''	5/8'
	Liquid	In (OD)	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)	
	Maximum allowable length	Feet	65	65
	Maximum allowable vertical run	Feet	50	50
Indoor unit dimensions and weight	Net unit dimensions (WxDxH)	Inch	41"-1/2 x 26"-1/2 x 9"-1/4	41"-1/2 x 26"-1/2 x 9"-1/4
	Carton box dimensions (WxDxH)	Inch	44"-1/2 x 26"-1/2 x 12"	44"-1/2 x 26"-1/2 x 12"
	Shipping factor		0.00403	0.00403
	Net unit weight	Lbs	52.9	57.3
	Shipping weight	Lbs	63.9	68.3
Outdoor unit dimensions and weight	Net unit dimensions (WxDxH)	Inch	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	37"-3/8 x 16"-1/2 x 28"-7/8	40"-1/4 x 18-7/8 x 31"-7/8
	Shipping factor		0.00500	0.00694
	Net unit weight	Lbs	90.4	104.7
	Shipping weight	Lbs	97.0	119.0
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.**