

PIONEER® QUANTUM Fresh™

Ductless Wall Mount Split Systems

24 SEER Ultra High Efficiency

Heat Pump + DC Inverter in One System

Single Zone 12000 BTU/hr

208V~230V, 60Hz, 1Ph

Wireless Access Via Free Smartphone App



WYT-FA

DC INVERTER HEAT PUMP

INVERTER++
TECHNOLOGY



Fresh
Air

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



Fresh-Air
Regeneration



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 (R32)
- 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 Low-Ambient Climates

Full System Model Number			WYT012GLUI25FV	
	Indoor Unit Model Number		WT012GLUI25FVQ	
	Outdoor Unit Model Number		YN012GLUI25RPQ	
System Type			DIAMANTE FRESH Series High Wall Mount Type Split Heat Pump System (SEER2 24)	
Modes			Cooling, Heating, Dehumidification, Ventilation, with selectable 10% FRESH AIR intake	
Control type			Standard set with IR wireless remote (Other optional controllers are available)	
Input power supply			208~230V~/60Hz/1P	
Power supply range			187 ~ 253 VAC	
Energy Star Rating			✓	
NEEP Rating			✓	
Cooling performance	Rated cooling capacity (at 95°F)	Btu/h	12,000	
	Cooling capacity range	Btu/h	3,000 ~ 15,000	
	EER2 Rating	Btu/W.h	13	
	SEER2 Rating	Btu/W.h	24	
Heating performance	Rated Heating capacity (at 47°F)	Btu/h	13,100	
	Rated Heating capacity (at 17°F)	Btu/h	8,000	
	Heating capacity range	Btu/h	3,000 ~ 13,600	
	HSPF2 Rating (Region IV)	Btu/W.h	9.5	
	HSPF2 Rating (Region V)	Btu/W.h	8.5	
	COP2 (at 47°F)	W/W	4.2	
	Max. Heating capacity (at 5°F)	Btu/h	10,100	
	Performance percentage		77%	
Heating performance	COP2 (at 5°F)	W/W	2.0	
	Max. Heating capacity (at -4°F)	Btu/h	7600.0	
	Rated power consumption	Cooling	W	930
		Heating	W	910
	Rated power current	Cooling	A	4.4
		Heating	A	4.2
	Min. circuit ampacity		A	11
	Max. circuit breaker		A	15
Moisture removal		Pint/day	65	
Refrigerant and room size specifications	Type		R32 (A2L rated refrigerant with a lower GWP rating of 675)	
	Amount	Ozs	22.2	
	Sufficiency for max line set length	Ft	25	
	Adjustment amount per feet	Ozs	0.11	
	Recommended room size	Sq.Ft	350 ~ 500	
	Minimum room size (unit height 8' 2")	SqF	25	
Air volume and sound level	Turbo/High/Med/Low/Mute	CFM	440/410/380/230/150	
	(Fresh air volume: 18 CFM)	dB(A)	44/43/37/32/30	
Outdoor sound		dB(A)	53	
Connecting pipe	Gas	In (OD)	3/8"	
	Liquid	In (OD)	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	
	Maximum allowable vertical run	Feet	33	
Indoor unit dimensions and weight	Net unit dimensions (WxDxH)	Inch	36"-1/4 x 12"-1/4 x 8"-1/8	
	Carton box dimensions (WxDxH)	Inch	39"-1/4 x 15"-1/4 x 12"-1/4	
	Shipping factor		0.0017	
	Net unit weight	Lbs	25.4	
	Shipping weight	Lbs	32.2	
Outdoor unit dimensions and weight	Net unit dimensions (WxDxH)	Inch	31"-7/8 x 12" x 21"-5/8	
	Carton box dimensions (WxDxH)	Inch	33"-1/2 x 14"-1/8 x 23"-5/8	
	Shipping factor		0.00294	
	Net unit weight	Lbs	55.1	
	Shipping weight	Lbs	61.7	
Connecting cable			AWG #16 x 4 Core TC-ER cable	
Temperature setting range		°F	62 ~ 86	
Working ambient temperature range for cooling		°F	5 ~ 122	
Working ambient temperature range for heating		°F	-4 ~ 86	
Working ambient temperature range for cooling		°F	5 ~ 122	
Working ambient temperature range for heating		°F	-4 ~ 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.**