

# Ductless Wall Mount

17~19 SEER Ultra High Efficiency

DC Inverter + Heat Pump in One System

Single Zone (9,000 ~ 36,000 BTU/hr)

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



**WYT-19**  
**DIAMANTE SERIES**  
SINGLE ZONE MINI SPLITS



## 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
- Anti Discoloration Formulated Plastic Dyes
- Low Ambient Condenser Heat Strip for -13F 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
- 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
- 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 (R410A)
- 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

## ACCESSORIES & OPTIONS



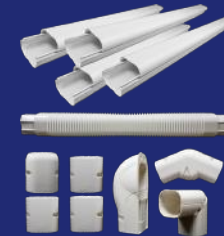
Wireless Controller



Port Adapters



Surge Protection



Line Cover Kit



Mounting Brackets



Mounting Base



Condensate Pump

System Model Number		WYT009ALFI19RL	WYT012ALFI19RL	WYT009GLFI19RL	WYT012GLFI19RL	WYT018GLFI19RL	WYT024GLFI19RL	WYT030GLFI19RL	WYT036GLFI19RL
Type		Heat Pump Inverter	Heat Pump Inverter	Heat Pump Inverter	Heat Pump Inverter	Heat Pump Inverter	Heat Pump Inverter	Heat Pump Inverter	Heat Pump Inverter
Control Type		Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote
Power Supply		115V/60Hz/1Ph	115V/60Hz/1Ph	208-230V/60Hz/1Ph	208-230V/60Hz/1Ph	208~230V/60Hz/1Ph	208~230V/60Hz/1Ph	208~230V/60Hz/1Ph	208~230V/60Hz/1Ph
Rated Cooling Capacity (95°F/35°C)	Btu/hr	12,000	12,000	9,000	12,000	18,000	24,000	30,000	36,000
SEER2	Btu/W-h	19	19	19	19	19	19	19	19
EER2 (95F/35°C)	Btu/W-h	10	10	10	10	9.4	10	9	9
Max. Cooling Power Input	W	940	1340	1010	1360	2150	2890	3400	4080
Max. Cooling Current	A	8.5	12.1	4.6	6.1	9.7	13.1	15	16
Rated Cooling Current	A	7.4	10.2	3.7	5	8	11	14	17
Rated Cooling Input Consumption	W	840	1130	830	1,140	1,840	2,360	3,210	3,850
Rated Heating Capacity (47°F/8.3°C)	Btu/hr	10,000	12,200	10,000	12,200	19,600	24,400	30,000	36,000
HSPF2 Rating (Region IV)	Btu/W-h	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
HSPF2 Rating (Region V)	Btu/W-h	7	7.2	7	7.2	7	7	7	7
COP2 Rating (47°F/8.3°C)	W/W	3.4	3.2	3.4	3.2	3.2	3.2	3	3
Max. Heating Current	A	8.7	12.1	5.5	6.1	9.7	13.1	18	19
Max. Heating Power Input	W	960	1340	1210	1360	2150	2890	3500	4180
Rated Heating Current	A	7.2	9.6	3.4	5	8	11	13	15
Rated Heating Input Consumption	W	810	1090	770	1,050	1,730	2,230	2,920	3,500
Max. Heating Capacity (5°F/-15°C)	W/W	7200	8600	7000	8600	12000	15100	17600	21100
Percentage of Rated Heating Capacity (5°F/-15°C)	%	72%	70%	70%	70%	61%	62%	60%	59%
COP2 (5°F/-15°C)	W/W	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Maximum Operation Pressure	PSIG	550	550	550	550	550	550	550	550
Maximum Fuse Size	A	25	25	15	20	20	20	20	20
NEEP, Canada		YES	YES	YES	YES	YES	YES	YES	YES
Annual Energy Consumption	kW-h	375	535	405	545	860	1155	1435	1635
Moisture Removal	L/h	1.1	1.6	1.1	1.6	2.2	2.6	2.9	3
Connecting Pipe (Gas)	in	3/8	3/8	3/8	3/8	3/8	1/2	5/8	5/8
Connecting Pipe (Liquid)	in	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Connecting Wiring (Size x Core Number)		4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Suitable Area	ft²	Up to 400	Up to 550	Up to 400	Up to 550	Up to 1000	Up to 1500	Up to 2000	Up to 2500
<b>Indoor Unit Model Number</b>		<b>WT009ALFI19HLE</b>	<b>WT012ALFI19HLE</b>	<b>WT009GLFI19HLE</b>	<b>WT012GLFI19HLE</b>	<b>WT018GLFI19HLE</b>	<b>WT024GLFI19HLE</b>	<b>WT030GLFI19HLE</b>	<b>WT036GLFI19HLE</b>
Mount Type		Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall
Indoor Motor Brand		Weilling	Weilling	Weilling	Weilling	Broad-Ocean	Broad-Ocean	Broad-Ocean	Broad-Ocean
Indoor Motor Model (Factory Code)		AC	AC	AC	AC	DC	DC	DC	DC
Indoor Air Circulation (High)	CFM	353	383	323	394	606	883	982	982
Evaporator	mm	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x3	Φ7x3
Indoor Noise Level (Cooling) Turbo/High/Med/Low/Mute	dB(A)	41/39/34/29/26	42/39/34/29/27	41/39/34/29/27	41/39/34/29/27	50/48/43/38/32	51/48/43/38/35	52/49/43/38/36	52/49/43/38/36
Net Dimensions (W x D x H)	mm	811x292x205	811x292x205	811x292x205	811x292x205	1010x315x220	1192x360x260	1192x360x260	1192x360x260
Net Dimensions (W x D x H)	in	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	39.76x12.40x8.66	46.93x14.17x10.23	46.93x14.17x10.23	46.93x14.17x10.23
Net Weight	kg/lbs	9/19.8	9/19.8	9/19.8	9/19.8	13/28.7	16.5/36.4	18/39.7	18/39.7
Packing Dimensions (W x D x H)	mm	885x366x278	885x366x278	885x366x278	885x366x278	1096x390x300	1265x435x337	1265x435x337	1265x435x337
Gross Weight	kg/lbs	10/22.1	11/24.2	10/22.1	11/24.2	16/35.3	21/46.3	21.5/47.4	21.5/47.4
<b>Outdoor Unit Model Number</b>		<b>YN009ALFI19RPE</b>	<b>YN012ALFI19RPE</b>	<b>YN009GLFI19RPE</b>	<b>YN012GLFI19RPE</b>	<b>YN018GLFI19RPE</b>	<b>YN024GLFI19RPE</b>	<b>YN030GLFI19RPE</b>	<b>YN036GLFI19RPE</b>
Compressor Brand		GMCC	GMCC	GMCC	GMCC	SANYO	SANYO	SANYO	SANYO
Compressor Model		ASN98D32UEZ	ASN98D32UEZ	ASN98D32UEZ	ASN98D32UEZ	C-6RZ146H1DJ	C-6RZ210H1BAF	ATF250D22UMT	ATF250D22UMT
Compressor Type		Rotary	Rotary	Rotary	Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary
Outdoor Motor Brand		Weilling	Weilling	Weilling	Weilling	Broad-Ocean	Broad-Ocean	Broad-Ocean	Broad-Ocean
Outdoor Motor Model		DC	DC	DC	DC	DC	DC	DC	DC
Condenser	mm	Φ7x1	Φ7x2	Φ7x1	Φ7x2	Φ7x2	Φ7x2	Φ7x3	Φ7x3
Refrigerant Type		R410A / 0.48kg	R410A / 0.48kg	R410A / 0.48kg	R410A / 0.48kg	R410A / 0.48kg	R410A / 0.48kg	R410A / 0.48kg	R410A / 0.48kg
Factory Refrigerant Charge (For Up To 25 Ft Pipe)	g/oz	810g / 28.57ozs	1002g / 35.34ozs	800g / 28.22ozs	950g / 33.51ozs	1002g / 40.56ozs	1550g / 54.67ozs		2600g / 91.71ozs
Factory Precharge Line	(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length	(m/ft)	15 / 50	15 / 50	15 / 50	15 / 50	20 / 65	20 / 65	30 / 98	30 / 98
Maximum Height Difference Between Indoor and Outdoor	(m/ft)	10 / 33	10 / 33	10 / 33	10 / 33	15 / 49	15 / 49	20 / 65	20 / 65
Operation Temperature	°F	61-88	61-88	61-88	61-88	61-88	61-88	61-88	61-88
Room Temperature Indoor (Cooling/ Heating)	°F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
Room Temperature Outdoor (Cooling/Heating)	°F	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86
Net Dimensions (W x D x H)	mm	715x290x498	715x290x498	715x290x498	715x290x498	780x349x605	845x380x699	910x360x800	910x360x800
Net Dimensions (W x D x H)	in	28.14x11.42x19.61	28.14x11.42x19.61	28.14x11.42x19.61	28.14x11.42x19.61	30.70x13.74x23.81	33.26x14.96x27.51	35.83x14.17x31.50	35.83x14.17x31.50
Net Weight	kg/lbs	22.0/48.5	22.0/48.5	22.0/48.5	22.0/48.5	32.0/70.6	41.0/90.4	52.0/114.6	52.0/114.6
Packing Dimensions (W x D x H)	mm	818x325x538	818x325x538	818x325x538	818x325x538	890x385x640	950x420x750	1028x480x860	1028x480x860