

PIONEER®

AIR CONDITIONING & HEAT PUMP SYSTEMS

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



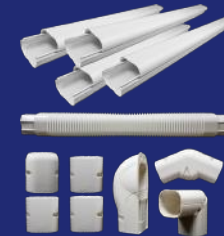
Port Adapters



Surge Protection



Mounting Brackets



Line Cover Kit



Mounting Base



Condensate Pump

System Model Number			WYT009ALFI19RL	WYT012ALFI19RL	WYT009GLFI19RL	WYT012GLFI19RL	WYT018GLFI19RL	WYT024GLFI19RL	WYT036GLFI19RL
Indoor Model Number			WT009ALFI19HLD	WT012ALFI19HLD	WT009GLFI19HLD	WT012GLFI19HLD	WT018GLFI19HLD	WT024GLFI19HLD	WT036GLFI19HLD
Outdoor Model Number			YN009ALFI19RPD	YN012ALFI19RPD	YN009GLFI19RPD	YN012GLFI19RPD	YN018GLFI19RPD	YN024GLFI19RPD	YN036GLFI19RPD
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
Type			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
Rated cooling capacity	Btu/hr		9,000	12,000	9,000	12,000	18,000	24,000	36,000
Rated Heating capacity	Btu/hr		9,500	12,000	10,000	12,500	19,000	24,500	36,000
SEER	Btu/W.h		20.0	20.0	19.0	19.0	19.0	18.0	16.0
HSPF Rating (Region IV)	Btu/W.h		10.5	10.0	10.0	9.5	10.0	10.0	9.0
EER	Btu/W.h		12.0	11	11.0	10.5	10.0	9.5	9.5
COP	W/W		3.4	3.0	3.0	3.2	3.0	3.0	3.0
Maximum Operation Pressure	PSIG		650	650	650	650	650	650	650
Minimum Circuit Ampacity	A		17	19	9	10	12	18	22
MAX FUSE	A		25	30	15	15	20	30	35
Max Current	Cooling	A	8.5	12.1	4.6	6.1	9.7	13.1	16
	Heating	A	8.7	12.1	5.5	6.1	9.7	13.1	19
Max Power input	Cooling	W	940	1340	1010	1360	2150	2890	4080
	Heating	W	960	1340	1210	1360	2150	2890	4180
Rated current	Cooling	A	6.8	9.70	3.70	4.9	7.80	10.5	12.8
	Heating	A	7.0	9.7	4.4	4.9	7.8	10.5	15.2
Rated input	Cooling	W	750	1070	810	1,090	1,720	2,310	3,270
	Heating	W	770	1070	970	1,090	1,720	2,310	3,350
Annual Energy Consumption	Kw.h		375	535	405	545	860	1155	1635
Moisture removal	Liters/h		1.1	1.6	1.1	1.6	2.45	2.6	2.6
Indoor noise level at cooling	High	dB(A)	38	40	38	40	44	50	50
	Med.	dB(A)	35	37	35	37	39	46	46
	Low	dB(A)	32	34	32	34	34	42	42
Outdoor noise level	dB(A)		50	52	50	52	55	58	58
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	inches	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
Suitable Area	ft2		100-350	200-450	100-350	200-450	350-650	550-1000	750-1300
Net dimensions (W x D x H)	Indoor	mm	811 x 205 x 292	811 x 205 x 292	811 x 205 x 292	811 x 205 x 292	1010 x 220 x 315	1186 x 260 x 340	1186 x 260 x 340
		inch	32"x 8-1/8" x 11.5	32" x 8-1/8" x 11.5	32"x 8-1/8" x 11.5	32"x 8-1/8" x 11.5	39-3/4"x 8-5/8" x 12-3/8"	46-5/8"x 10-1/4" x 13-3/8"	46-5/8"x 10-1/4" x 13-3/8"
	Outdoor	mm	728 x 285 x 550	728 x 285 x 550	715 x 240 x 492	715 x 240 x 492	780 x 290 x 605	845 x 380 x 699	900 x 360 x 805
		inch	28-5/8"x 11-1/4" x 21-5/8"	28-5/8"x 11-1/4" x 21-5/8"	28-1/8" x 9-1/2" x 19-3/8"	28-1/8" x 9-1/2" x 19-3/8"	30-3/4" x 11-3/8" x 23-3/4"	33-1/4" x 15" x 27-1/2"	35-1/2" x 14-1/4" x 31-3/4"
Net weight	Indoor	kg/lbs	8/17.6	8/17.6	8/17.6	8/17.6	13/28.7	17/37.5	17.5/38.6
	Outdoor	kg/lbs	27/59.5	29/63.9	24.5/54.1	27/59.5	33.5/73.8	45/99.2	62/136.7
Packing dimensions (W x D x H)	Indoor	mm	885 x 366 x 278	885 x 366 x 278	885 x 366 x 278	885 x 366 x 278	1094 x 386 x 300	1265 x 415 x 338	1265 x 415 x 338
		inch	34-7/8" x 11" x 14-1/2"	34-7/8" x 11" x 14-1/2"	34-7/8" x 11" x 14-1/2"	34-7/8" x 11" x 14-1/2"	43" x 11-7/8" x 15-1/4"	49-7/8" x 13-3/8" x 16-3/8"	49-7/8" x 13-3/8" x 16-3/8"
	Outdoor	mm	835 x 585 x 340	835 x 585 x 340	818 x 520 x 325	818 x 520 x 325	890 x 628 x 385	960 x 732 x 430	1028 x 705 x 430
		inch	32-7/8" x 13-3/8" x 23"	32-7/8" x 13-3/8" x 23"	32-1/4" x 12-3/4" x 20-1/2"	32-1/4" x 12-3/4" x 20-1/2"	35" x 15-1/4" x 24-3/4"	37-3/4" x 17" x 37-3/4"	40.5" x 17" x 37-3/4"
Gross weight	Indoor	kg/lbs	10/22.1	11/24.2	10/22.1	11/24.2	16/35.3	21/46.3	21.5/47.4
	Outdoor	kg/lbs	30/66.1	32/70.5	27/59.5	31/68.3	37/81.5	50/110.2	69/152.1
*** Indoor Unit ***									
Indoor Motor	Motor Brand		Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean
	Motor Model(Factory Code)		AC	AC	AC	AC	DC	DC	DC
Indoor Air Circulation (High)	CFM		353	383	323	394	606	883	982
Evaporator	mm		Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x3
*** Outdoor Unit ***									
Compressor Brand			GMCC	GMCC	GMCC	GMCC	SANYO	SANYO	SANYO
Compressor Model			ASN98D32UEZ	ASN98D32UEZ	ASN98D32UEZ	ASN98D32UEZ	C-6R2146H1DJ	C-6R210H1BAF	ATF250D22UMT
Outdoor Motor	Motor Brand		Weilling/Broad-Ocean/SHIBURA	Weilling/Broad-Ocean/SHIBURA	Weilling/Broad-Ocean/SHIBURA	Weilling/Broad-Ocean/SHIBURA	Weilling/Broad-Ocean	Weilling/Broad-Ocean	Weilling/Broad-Ocean
	Motor Model		DC	DC	DC	DC	DC	DC	DC
Condenser	mm		Φ7x1	Φ7x2	Φ7x1	Φ7x2	Φ7x2	Φ7x2	Φ7x3
Factory Refrigerant Charge(for up to 25 ft pipe)	g/oz		810g / 28.57ozs	1002g / 35.34ozs	800g / 28.22ozs	950g / 33.51ozs	1150g / 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
Maximum Line Length	(m/ft)		15 / 50	15 / 50	15 / 50	15 / 50	15 / 50	15 / 50	15 / 50
Maximum Height Difference Between Indoor and Outdoor	(m/ft)		5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4	5 / 16.4
Operation temperature	°F		62-86	62-86	62-86	62-86	62-86	62-86	62-86
Room temperature	Indoor(cooling/ heating)	°F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
	Outdoor(cooling/heating)	°F	5-122 / -13-86	5-122 / -13-86	5-122 / -13-86	5-122 / -13-86	5-122 / -13-86	5-122 / -13-86	5-122 / -13-86

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. Ratings are based on laboratory tests, performed in accordance with the applicable AHRI Standards for Variable Speed Mini Split Single Zone Heat Pump Systems.