

Ductless Wall Mount Split Systems

INVERTER++

21~24 SEER Ultra High Efficiency
DC Inverter + Heat Pump in One System
Single Zone (9,000 ~ 24,000 BTU/hr)
110V~120V / 208V~230V, 60Hz, 1Ph



For those who only want the **BEST**



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
- Multitude of Optional Air Purifying Options
- 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



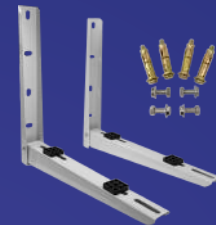
UVC Bacterial Disinfection Kit



Line Cover Kit



Line Set Flushing Kit



Mounting Brackets



Mounting Base



Surge Protection



Condensate Pump

MODEL SERIES		WYS SERIES, Inverter ++ Version (21.0 to 24.0 SEER Range) Wall Mount Ductless Split Systems						
System Set Model Number		WYS009AMFI22RL	WYS012AMFI22RL	WYS009GMFI22RL	WYS012GMFI22RL	WYS018GMFI22RL	WYS024GMFI22RL	
System Set Code		22022010017517	22022010017517	22022010017218	22022010017219	22022010017179	22022010017257	
Indoor Unit Model Number		WS009AMFI22HLE	WS012AMFI22HLE	WS009GMFI22HLE	WS012GMFI22HLE	WS018GMFI22HLE	WS024GMFI22HLE	
Indoor Unit Code		22022011018701	22022011018701	22022011018401	22022011018402	22022011018363	22022011018441	
Outdoor Unit Model Number		YNO09AMFI22RPE	YNO12AMFI22RPE	YNO09GMFI22RPE	YNO12GMFI22RPE	YNO18GMFI22RPE	YNO24GMFI22RPE	
Outdoor Unit Code		22022016016222	22022016016222	22022016016320	22022016016322	22022016018180	22022016016500	
Power supply		V, Ph, Hz	115V, 1Ph, 60Hz	115V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	
Cooling Performance	Rated Capacity (Min ~ Max Range)	BTU / h	10,000 (3,500 ~ 10,300)	12,000 (3,500 ~ 12,150)	9,000 (3,548 ~ 11,400)	12,000 (3,536 ~ 12,931)	18,000 (9,935 ~ 20,000)	24,000 (9,200 ~ 25,000)
	Rated Power Input	W	800	960	643	960	1,333	1,920
	Rated Current	A	6.95	8.35	2.80	4.17	5.94	8.40
	EER / EER2	BTU / W	12.5 / 12.5	12.5 / 12.5	14 / 14	12.5 / 12.5	13.5 / 13.5	12.5 / 12.5
	SEER / SEER2	BTU / W	21.5 / 22.7	21.5 / 22.7	24 / 24	22 / 23.1	23.5 / 23.7	21 / 21
Heating Performance	Rated Capacity (Min ~ Max Range)	BTU / h	10,500 (4,600 ~ 10,500)	12,000 (4,600 ~ 12,904)	10,000 (3,976 ~ 12,477)	12,000 (3,747 ~ 12,550)	18,000 (6,615 ~ 21,000)	26,000 (10,350 ~ 26,410)
	Rated Power Input	W	910	1,040	772	1,006	1,410	2,500
	Rated Current	A	7.90	9.04	3.29	4.37	6.31	11
	COP	W / W	3.40	3.38	3.80	3.50	3.74	3.05
	HSPF / HSPF2	BTU / W	11.5 / 10	11.5 / 10	11.3 / 11.4	10.8 / 9.3	11 / 10.3	10 / 8.9
Low Heating Capacity (@17F)	BTU / h	7,800	7,800	6,000	7,800	11,500	15,000	
MINIMUM CIRCUIT AMPACITY (Full Set)	A	19	19	13	13	19	22	
MAX.FUSE (Full Set)	A	25	25	15	15	30	30	
Indoor Fan Motor	Model		ZKFP-20-8-113	ZKFP-20-8-113	ZKFP-20-8-6-7	ZKFP-20-8-6-7	ZKFP-58-8-1-10	ZKFP-58-8-1-10
	Brand		Weiling	Weiling	Weiling	Weiling	Weiling	Weiling
	Speed (Hi / Md / Lo)	RPM	1,100 / 850 / 700	1,100 / 850 / 700	1,080 / 850 / 650	1,100 / 850 / 650	1,000 / 800 / 700	1,200 / 1,000 / 750
Indoor Air Flow (Hi / Md / Lo)	m3 / h	520 / 360 / 250	520 / 360 / 250	450 / 350 / 240	520 / 360 / 250	800 / 600 / 500	1,050 / 800 / 550	
Indoor Air Flow (Hi / Md / Lo)	CFM	306 / 212 / 147	306 / 212 / 147	265 / 206 / 141	306 / 212 / 147	471 / 353 / 294	618 / 471 / 324	
Indoor Noise Level (Hi / Md / Lo)	dB(A)	36.5 / 28.5 / 22.5	36.5 / 28.5 / 22.5	37 / 30 / 21	37.5 / 30.0 / 21.5	43.0 / 35.5 / 30.0	47.5 / 42.0 / 32.0	
Indoor Unit	Net Dimensions (W*D*H)	mm	802 x 189 x 297	802 x 189 x 297	802 x 189 x 297	802 x 189 x 297	1,080 x 226 x 335	1,080 x 226 x 335
	Net Dimensions (W*D*H)	Inches	31"-1/2 x 7"-3/8 x 11"-5/8	31"-1/2 x 7"-3/8 x 11"-5/8	31"-1/2 x 7"-3/8 x 11"-5/8	31"-1/2 x 7"-3/8 x 11"-5/8	42"-1/2 x 8"-7/8 x 13"-1/8	42"-1/2 x 8"-7/8 x 13"-1/8
	Packing Dimensions (W*D*H)	mm	875 x 285 x 380	875 x 285 x 380	875 x 285 x 380	875 x 285 x 380	1,155 x 415 x 320	1,155 x 415 x 320
	Packing Dimensions (W*D*H)	Inches	34"1/2 x 11"-1/4 x 15"	34"1/2 x 11"-1/4 x 15"	34"1/2 x 11"-1/4 x 15"	34"1/2 x 11"-1/4 x 15"	45"-1/2 x 16"-3/4 x 12"-5/8	45"-1/2 x 16"-3/4 x 12"-5/8
	Net / Gross Weight	Kg	10.9 / 15.5	10.9 / 15.5	8.6 / 10.9	8.6/10.9	13.4 / 17.0	13.7 / 17.2
Net / Gross Weight	Lbs	24 / 34.2	24 / 34.2	19.0 / 24.0	18.96/24.03	29.5 / 37.5	30.2 / 37.9	
Outdoor Fan Motor	Model		ZKFN-34-10-1	ZKFN-34-10-1	ZKFN-34-10-1	ZKFN-34-10-1	ZKFN-80-8-3	ZKFN-120-8-2
	Brand		Weiling	Weiling	Weiling	Weiling	Weiling	Weiling
	Speed (Hi / Md / Lo / Min)	RPM	850 / - / 600	850 / - / 600	800 / - / 600	800 / - / 600	810 / - / 720	900 / 810 / 450 / 360
Outdoor Air Flow (H)	m3 / h	1,350	1,350	2,200	2,200	3,500	3,800	
Outdoor Air Flow (H)	CFM	794	794	1,294	1,294	2,058	2,235	
Outdoor Noise Level (H)	dB(A)	54.0	54.0	54.5	53.5	59.0	61.0	
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSK103D33UEZ3	KSK103D33UEZ3	KSN140D58UFZ	KTM240D43UKT
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Rated Current (RLA)	A	11.5	11.5	6.4	6.4	12.0	15.4
	Refrigerant Oil / Oil Amount	Ozs	ESTER OIL VG74, 10.5 Ozs	ESTER OIL VG74, 10.5 Ozs	ESTER OIL VG74, 10.5 Ozs	ESTER OIL VG74, 10.5 Ozs	ESTER OIL VG74, 15.0 Ozs	ESTER OIL VG74, 21.0 Ozs
Outdoor Unit	Net Dimensions (W*D*H)	mm	765 x 303 x 555	765 x 303 x 555	765 x 303 x 555	765 x 303 x 555	890 x 342 x 673	946 x 410 x 810
	Net Dimensions (W*D*H)	Inches	30"-1/8 x 11"-7/8 x 21"-7/8	30"-1/8 x 11"-7/8 x 21"-7/8	30"-1/8 x 11"-7/8 x 21"-7/8	30"-1/8 x 11"-7/8 x 21"-7/8	35" x 13"-1/2 x 26"-1/2	37"-1/4 x 16"-1/8 x 31"-7/8
	Packing Dimensions (W*D*H)	mm	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	995 x 398 x 740	1090 x 500 x 885
	Packing Dimensions (W*D*H)	Inches	34"-7/8 x 13"-1/4 x 24"	34"-7/8 x 13"-1/4 x 24"	34"-7/8 x 13"-1/4 x 24"	34"-7/8 x 13"-1/4 x 24"	39"-1/8 x 15"-5/8 x 29"-1/8	42"-7/8 x 19"-5/8 x 34"-7/8
	Net / Gross Weight	Kg	30.3 / 32.8	30.3 / 32.8	28.9 / 31.3	28.9 / 31.3	42.8 / 45.8	56.6 / 61.2
Net / Gross Weight	Lbs	66.8 / 72.3	66.8 / 72.3	63.7 / 69.0	63.7 / 69.0	94.4 / 101	124.8 / 134.9	
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A	
Expansion Device Type, Location		EXV, Outdoor	EXV, Outdoor	EXV, Outdoor	EXV, Outdoor	EXV, Outdoor	EXV, Outdoor	
Factory Charged Weight (Optimized for 16' Line Set)	Ozs	39.5	39.5	38.1	38.1	56.4	82.9	
Adjustment Charge (Ea. Foot length for <10' or >25')	Ozs/Ft.	0.16	0.16	0.16	0.16	0.16	0.32	
Design pressure	PSIG	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	
Refrigerant Piping	Liquid Side/ Gas Side (OD)	Inch	1/4" / 1/2"	1/4" / 1/2"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
	Max. Refrigerant Pipe Length	m	25	25	25	25	30	50
	Max. Refrigerant Pipe Length	Ft.	82	82	82	82	100	164
	Max. Height Difference	m	10	10	10	10	10	25
	Max. Height Difference	Ft.	33	33	33	33	66	82
Condensate Drain Connection Diameter	mm (In)	OD Φ 16mm (5/8")	OD Φ 16mm (5/8")	OD Φ 16mm (5/8")	OD Φ 16mm (5/8")	OD Φ 16mm (5/8")	OD Φ 16mm (5/8")	
Interconnecting Cable Specs		AWG 16# x 4 (TC-ER)	AWG 16# x 4 (TC-ER)	AWG 16# x 4 (TC-ER)	AWG 16# x 4 (TC-ER)	AWG 16# x 4 (TC-ER)	AWG 16# x 4 (TC-ER)	
Controller Included		LCD Wireless Remote	LCD Wireless Remote	LCD Wireless Remote	LCD Wireless Remote	LCD Wireless Remote	LCD Wireless Remote	
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86
	Indoor Min Heat (Vacation Mode)	°C / °F	8 / 46	8 / 46	8 / 46	8 / 46	8 / 46	8 / 46
	Outdoor Ambient Range (Cooling)	°C / °F	-15 ~ +50 / +5 ~ +122	-15 ~ +50 / +5 ~ +122	-15 ~ +50 / +5 ~ +122	-15 ~ +50 / +5 ~ +122	-15 ~ +50 / +5 ~ +122	-15 ~ +50 / +5 ~ +122
	Outdoor Ambient Range (Heating)	°C / °F	-25 ~ +24 / -13 ~ +75	-25 ~ +24 / -13 ~ +75	-25 ~ +24 / -13 ~ +75	-25 ~ +24 / -13 ~ +75	-25 ~ +24 / -13 ~ +75	-25 ~ +24 / -13 ~ +75
Recommended Application Area Size (Min-Max)	m2	15~30	15~30	15~30	20~40	30~60	40~80	
Based on average variables for cooling operation	Sq.Ft	160~325	160~325	160~325	215~430	325~650	430~860	

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.