
TECHNICAL SPECIFICATIONS



Ductless Mini-Split System Air Conditioners and Heat Pump Residential System

.75 ton to 3 ton 50/60 Hz
9,000 Btu/h to 36,000 Btu/h

R22



WIWXL / WIWPL
Cooling / Heat Pump



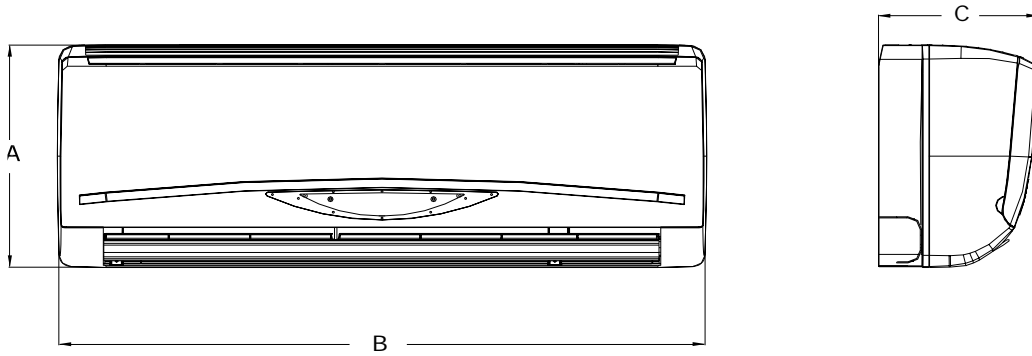
WCHXL / WCHPL
Cooling / Heat Pump

FEATURES and BENEFITS

- **Auto-Restart Function** – When the power is interrupted and then on, the unit automatically starts at the previous function setting.
- **Self – Diagnosis and Auto-Protection Function** – This function electronically detect the errors and display the diagnosis by a series of flashing LED's on the indoor display panel. The unit will automatically switch to protection mode.
- **Sleep Mode** – This function enables the unit to automatically increases or decreases the setting temperature in the first 2 hours. This helps to maintain the most comfortable temperature and helps saves energy.
- **Strong Dehumidification** – The unit will alternately operate in cooling mode or fan mode which assures strong dehumidification while not lowering room temperature.
- **Inner Grooved Copper** – Allows more refrigerant to go through, improving heat exchange efficiency and lowers power consumption.
- **Hydrophilic Aluminum Fin** – It improves the cooling efficiency by enabling the unrestricted flow of condensate water between heat exchanger fins.
- **Easy-clean Panel** – The front panel can be easily removed for periodic cleaning.
- **Line Set** – A 3 meter (approx. 10') line is included with the outdoor section.
- **Low Noise Air Flow System** – Without decreasing the flow volume, large diameter cross flow fan reduces the indoor noise level.
- **Anti-Cold Air Function** – In heating mode, only when the evaporator temperature is warm enough for the fan to begin operating preventing any cold blasting.
- **Rotary Compressor** – Reliable and quite performance with built-in thermal control.

UNIT DIMENSIONS:

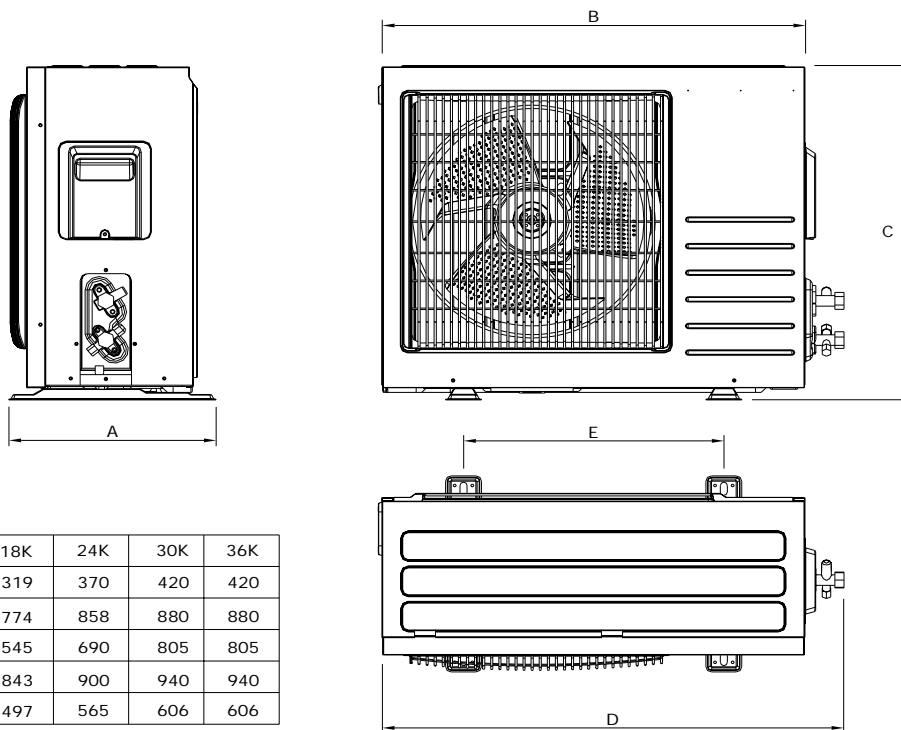
Indoor Unit



	09K	12K	18K	24K	30K	36K
A	290	290	292	330	325	325
B	800	800	860	1080	1250	1250
C	196	196	205	220	230	330

ALL DIMENSIONS IN (MM)

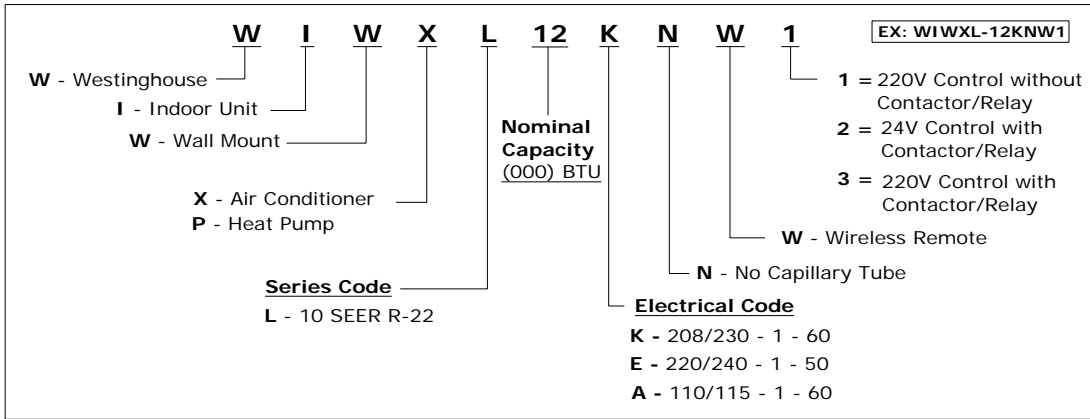
Outdoor Unit



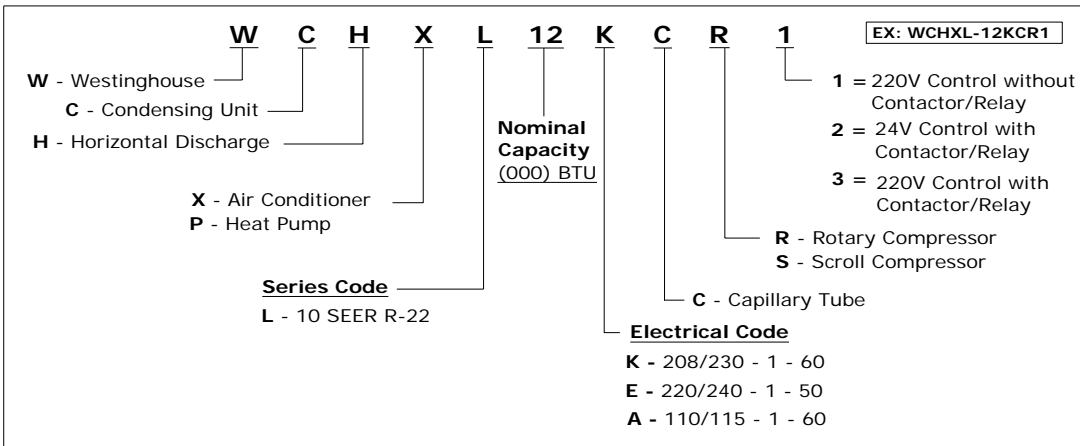
	9K	12K	18K	24K	30K	36K
A	295	328	319	370	420	420
B	602	698	774	858	880	880
C	503	552	545	690	805	805
D	662	745	843	900	940	940
E	370	438	497	565	606	606

All Dimension is MM.

MODEL IDENTIFICATION CODES - INDOOR



MODEL IDENTIFICATION CODES - OUTDOOR



PHYSICAL AND ELECTRICAL SPECIFICATION

AIR CONDITIONER

208/230 V - 1 Ph - 60 Hz

Model		Indoor	WIWXL-09KNW1	WIWXL-12KNW1	WIWXL-18KNW1	WIWXL-24KNW3	WIWXL-30KNW2	WIWXL-36KNW2
		Outdoor	WCHXL-09KCR1	WCHXL-12KCR1	WCHXL-18KCR1	WCHXL-24KCR3	WCHXL-30KCR2	WCHXL-36KCR2
Nominal Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000	30,000	36,000
Power Supply		V / Ph / Hz	208 - 230 / 1 / 60					
Rated Load Current		Amps.	4.5	5.9	8.6	12.4	16.6	16.8
Starting Current		Amps.	13	18	27	40	49	50
Airflow		CFM	270	330	460	625	700	700
Sound Level		dB (A)	38	40	43	50	52	52
Compressor		Type	Rotary					
Refrigerant		Type	R - 22					
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8	3/8	3/8
	Suction	Inch	3/8	1/2	1/2	5/8	5/8	5/8
Dimension (W x H x D)	Indoor	MM	800x290x196	800x290x196	860x292x205	1080x330x220	1250x325x230	1250x325x230
	Outdoor	MM	600x480x250	700x540x255	770x520x280	910x690x370	880x790x360	880x790x360
Weight (Net)	Indoor	Lbs.	22	22	26	33	38	38
	Outdoor	Lbs.	55	64	86	130	172	172

Specifications and illustrations subject to change without notice and without incurring obligations.

PHYSICAL AND ELECTRICAL SPECIFICATION

HEAT PUMP

208/230 V - 1 Ph - 60 Hz

Model		Indoor	WIWPL-09KNW1	WIWPL-12KNW1	WIWPL-18KNW1	WIWPL-24KNW3	WIWPL-30KNW3	WIWPL-36KNW3
		Outdoor	WCHPL-09KCR1	WCHPL-12KCR1	WCHPL-18KCR1	WCHPL-24KCR3	WCHPL-30KCR3	WCHPL-36KCR3
Nominal Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000	30,000	36,000
	Heating	Btu/h	9,000	12,000	18,000	25,000	31,000	37,000
Power Supply		V / Ph / Hz	208 - 230 / 1 / 60					
Rated Load Current		Amps.	4.2	5.7	8.6	12.8	16.6	16.5
Starting Current		Amps.	13	18	27	40	49	50
Airflow		CFM	270	330	460	625	700	700
Sound Level		dB (A)	38	40	43	50	52	52
Compressor		Type	Rotary					
Refrigerant		Type	R - 22					
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8	3/8	3/8
	Suction	Inch	3/8	1/2	1/2	5/8	5/8	5/8
Dimension (W x H x D)	Indoor	MM	800x290x196	800x290x196	860x292x205	1080x330x220	1250x325x230	1250x325x230
	Outdoor	MM	600x480x250	700x540x255	770x520x280	910x690x370	880x790x360	880x790x360
Weight (Net)	Indoor	Lbs.	22	22	26	33	38	38
	Outdoor	Lbs.	55	64	86	130	172	172

AIR CONDITIONER

220/240 V - 1 Ph - 50 Hz

Model		Indoor	WIWXL-09ENW1	WIWXL-12ENW1	WIWXL-18ENW1	WIWXL-24ENW3	WIWXL-30ENW2	WIWXL-36ENW2
		Outdoor	WCHXL-09ECR1	WCHXL-12ECR1	WCHXL-18ECR1	WCHXL-24ECR3	WCHXL-30ECR2	WCHXL-36ECR2
Nominal Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000	30,000	36,000
	Heating	Btu/h	9,000	12,000	18,000	25,000	31,000	37,000
Power Supply		V / Ph / Hz	220 - 240 / 1 / 50					
Rated Load Current		Amps.	4.5	5.9	8.8	11.5	13.8	17.2
Starting Current		Amps.	13	18	27	40	42	51
Airflow		CFM	270	330	460	625	700	700
Sound Level		dB (A)	38	40	43	50	52	52
Compressor		Type	Rotary					
Refrigerant		Type	R - 22					
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8	3/8	3/8
	Suction	Inch	3/8	1/2	1/2	5/8	5/8	5/8
Dimension (W x H x D)	Indoor	MM	800x290x196	800x290x196	860x292x205	1080x330x220	1250x325x230	1250x325x230
	Outdoor	MM	600x480x250	700x540x255	770x520x280	910x690x370	880x790x360	880x790x360
Weight (Net)	Indoor	Lbs.	22	22	26	33	38	38
	Outdoor	Lbs.	55	64	86	130	172	172

HEAT PUMP

220/240 V - 1 Ph - 50 Hz

Model		Indoor	WIWPL-09ENW1	WIWPL-12ENW1	WIWPL-18ENW1	WIWPL-24ENW3	WIWPL-30ENW3	WIWPL-36ENW3
		Outdoor	WCHPL-09ECR1	WCHPL-12ECR1	WCHPL-18ECR1	WCHPL-24ECR3	WCHPL-30ECR3	WCHPL-36ECR3
Nominal Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000	30,000	36,000
	Heating	Btu/h	9,000	12,000	18,000	25,000	31,000	37,000
Power Supply		V / Ph / Hz	208 - 230 / 1 / 60					
Rated Load Current		Amps.	4.2	5.7	8.6	12.8	16.6	16.5
Starting Current		Amps.	13	18	27	40	49	50
Airflow		CFM	270	330	460	625	700	700
Sound Level		dB (A)	38	40	43	50	52	52
Compressor		Type	Rotary					
Refrigerant		Type	R - 22					
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8	3/8	3/8
	Suction	Inch	3/8	1/2	1/2	5/8	5/8	5/8
Dimension (W x H x D)	Indoor	MM	800x290x196	800x290x196	860x292x205	1080x330x220	1250x325x230	1250x325x230
	Outdoor	MM	600x480x250	700x540x255	770x520x280	910x690x370	880x790x360	880x790x360
Weight (Net)	Indoor	Lbs.	22	22	26	33	38	38
	Outdoor	Lbs.	55	64	86	130	172	172

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