PIONEER®

AIR CONDITIONING & HEAT PUMP SYSTEMS

YNL-24

MULTI ZONE SERIES

Versatile Multi-Zone Split Systems

INVERTER++®

ENERGY STAR

For those who only want the BEST

ISO 9001 CERTIFIED

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AHRI CERTIFIED

- 22~24 SEER Ultra High Efficiency
- Heat Pump + DC Inverter in One System
- Multi Zone (17,000~42,000 BTU/hr)
- Two, Three, Four, Five, and Six Zones
- Four Matching Indoor Unit Styles



Standard Features Indoor Units

- Four Models (Wall, Ceiling Cassette, Ceiling-Concealed Ducted, Floor-Ceiling Flex)
- Four Capacity Options (9,000 / 12,000 / 18,000 / 24,000 Btu)
- Wireless and Wired Digital Remote Controllers
- Cool, Heat, Auto, Fan Only and Dehumidification Modes
- Permanent Washable Return Air Filters
- Ultra Modern Designs
- High Efficiency Variable Speed Fan Motors
- Self Adjusting Cooling and Heating Capacity Controls
- Standard Digital 4 Lead Control Circuitry
- Mix Indoor Unit Models and Types to Match Any Decor
- Mix Indoor Unit Capacities for Each Zone's Heat Load
- Grooved Cooper Tube, Hydrophilic Aluminum Fin Coil
- Quiet but Powerful Blower System
- Permanently Lubricated Fan Motor with Ball Bearings
- Electronic Motor Controller
- Rust Free Condensate Drain Pan
- Multiple Power and Control Wiring Knockouts
- Various Accessories to Match Each Model Type
- Optional Centralized Controller
- Optional Digital Programmable Thermostats

Standard Features Outdoor Units

- Available in 2, 3, 4, 5, and 6 Zone Versions
- Ultra High Efficiency DC Inverter ++ Versions
- Ultra High Full Load and Partial Load Efficiencies
- Heating Operation Down to -13°F Ambient Temperatures
- Factory Installed Compressor Belt + Chassis Heater
- Cooling Operation Up to 131°F Ambient Temperatures
- Quiet and Highly Efficient Major Brand Compressor
- Heavy Gauge Zink Coated Galvanized Steel Casing
- Durable Polyester Urethane Paint
- Clean Looking Light Beige Color
- High Efficiency Variable Speed Ecm Fan Motor
- Permanently Lubricated Fan Motor with Ball Bearings
- Axial Flow Fan(s) with High Air Volume
- Electronic Expansion Valves for Each Circuit
- Plastic Coated Wire Fan Guard
- Grooved Cooper Tube, Hydrophilic Aluminum Fin Coil
- Whisper Quiet Operation
- Self Training Intelligent Defrost Logic
- Flare Type Brass Service Valves with Pressure Ports
- Factory Charged for Up to 25' Lineset Per Circuit
- Standardized Cabinet Design Across Models
- Environmentally Friendly R454B Refrigerant

ACCESSORIES & OPTIONS



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Model Series			YNL-24 Series, Inverter ++ Version (22 to 24 SEER Range) Multi Zone Ductless Systems				
Outdoor Unit Model Number (2, 3, 4, 5, and 6 Circuit Multi Zone)			YN020GLSI24M2G	YN030GLSI24M3G	YN040GLSI24M4G	YN050GLSI24M5G	YN060GLSI24M6G
Outdoor Unit Code			Z2U20607000257	Z2U20607000263	Z2U20607000266	Z2U20607000278	Z4U20607080575
Indoor Unit Model Number (Selected for Below Rating Data)			WT009GLFSI24HLG (2)	WT009GLFSI24HLG (3)	WT009GLFSI24HLG (4)	WT009GLFSI24HLG (5)	WT009GLFSI24HLG (5)
Power Supply		V, Hz, Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Cooling Performance	Rated Capacity (Min~Max Range)	BTU / h	18,000 (3,500~22,000)	27,000 (4,500~31,000)	35,000 (5,500~41,000)	42,000 (6,500~46,000)	55,000 (7,500~55,000)
	Rated Power Input	W	1,370	2,020	2,930	3,550	5,400
	Rated Current	A	6.1	9.1	13.1	15.9	24.0
	EER2 Rating	BTU / W	13.0	12.0	11.1	11.2	10.0
	SEER2 Rating	**BTU / W**	**24.0**	**24.0**	**22.5**	**22.0**	**22.5**
Heating Performance	Rated Capacity (Min~Max Range)	BTU / h	20,000 (3,500~23,000)	28,000 (4,500~33,000)	36,000 (5,500~41,000)	42,000 (6,500~46,000)	55,000 (7,500~55,000)
	Rated Power Input	W	1,410	1,980	2,680	3,260	4,430
	Rated Current	A	6.3	8.9	12	14.6	19.8
	COP2 (47°F)	W / W	3.5	3.5	3.5	3.5	3.6
	HSPF2 (IV) / HSPF2 (V)	**BTU / W**	**10.5 / 9.5**	**10.5 / 8.8**	**10.0 / 7.8**	**10.0 / 7.8**	**9.5 / 8.2**
	Low Heating Capacity (@17F)	BTU / h	20,000	22,400	27,400	31,000	48,500
Minimum Circuit Ampacity (Full Set)		A	16	18	22	28	37
Max. Circuit Breaker (Full Set)		A	25	30	35	45	60
Outdoor Unit Specifications	Power Supply Range	VAC	187~253	187~253	187~253	187~253	187~253
	Minimum Room Size	Sq Ft.	68	88	111	135	---
	Recommended Room Size	Sq Ft.	300~750	400~1,050	700~1,350	1,000~1,600	---
Refrigerant Type			R454B	R454B	R454B	R454B	R454B
Available Linesets		Feet	Selectable Lineset	Selectable Lineset	Selectable Lineset	Selectable Lineset	Selectable Lineset
Factory Charged Weight (Optimized for 16' Linesets)		Ozs	60	77.7	98.8	120	148.1
Outdoor Unit Dimensions & Weight	Net Dimensions (W*D*H)	mm	927 x 381 x 698.5	978 x 419 x 803	1,073 x 467 x 851	1,073 x 467 x 851	1,034 x 409 x 1,338
	Net Dimensions (W*D*H)	Inches	36"-1/2 x 15" x 27"-1/2	38"-1/2 x 16"-1/2 x 31"-5/8	42"-1/4 x 18"-3/8 x 33"-1/2	42"-1/4 x 18"-3/8 x 33"-1/2	40"-3/4 x 16"-1/8 x 52"-5/8
	Packing Dimensions (W*D*H)	mm	959 x 429 x 730	1,029 x 479 x 835	1,133 x 530 x 968	1,133 x 530 x 968	1,080 x 430 x 1,460
	Packing Dimensions (W*D*H)	Inches	37"-3/4 x 16"-7/8 x 28"-3/4	40"-1/2 x 18"-7/8 x 32"-7/8	44"-5/8 x 20"-7/8 x 38"-1/8	44"-5/8 x 20"-7/8 x 38"-1/8	42"-1/2 x 16"-7/8 x 57"-1/2
	Net / Gross Weight	Kg	42 / 45	54 / 58	66 / 77	79 / 90	113 / 118
	Net / Gross Weight	Lbs	92.6 / 99.2	119 / 127.9	145.5 / 169.8	174.2 / 198.4	249.1 / 260
Compressor Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Outdoor Noise Level		dB(A)	58	62	65	65	69
Adjustment Charge (Ea. Foot length for <10' or >25' Sets)		Ozs/Ft.	0.11	0.11	0.11	0.11	0.11
Interconnecting Cable Specks			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)
Connecting Pipes	Max. Allowed Circuit Length	m	24	30	30	30	30
	Max. Allowed Circuit Length	Feet	80	100	100	100	100
	Max. Allowed Total Length	m	40	61	81	90	120
	Max. Allowed Total Length	Feet	130	200	265	295	394
	Max. Indoor Elevation Difference	m	10	10	10	10	10
	Max. Indoor Elevation Difference	Feet	33	33	33	33	33
	Max. Allowable Vertical Run	m	15	15	15	15	15
	Max. Allowable Vertical Run	Feet	50	50	50	50	50
	Liquid Side/ Gas Side (OD) (Multiple Size Adapters Provided)	Inch	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 63~86	17~30 / 63~86	17~30 / 63~86	17~30 / 63~86	17~32 / 63~90
	Outdoor Ambient Range (Cooling)	°C / °F	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131
	Outdoor Ambient Range (Heating)	°C / °F	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-30~24 / -22~75

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.



Model Series			YNL-24 Series, Inverter ++ Version (18.5 to 22 SEER Range) Multi Zone Ducted Systems				
Outdoor Unit Model Number (2, 3, 4, 5, and 6 Circuit Multi Zone)			YN020GLSI24M2G	YN030GLSI24M3G	YN040GLSI24M4G	YN050GLSI24M5G	YN060GLSI24M6G
Outdoor Unit Code			Z2U20607000257	Z2U20607000263	Z2U20607000266	Z2U20607000278	Z4U20607080575
Indoor Unit Model Number (Selected for Below Rating Data)			RT009GLSILDFHG (2)	RT009GLSILDFHG (3)	RT009GLSILDFHG (4)	RT009GLSILDFHG (5)	RT009GLSILDFHG (6)
Power Supply		V, Hz, Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Cooling Performance	Rated Capacity (Min~Max Range)	BTU / h	17,000 (3,500~22,000)	27,000 (4,500~31,000)	34,000 (5,500~37,500)	41,000 (6,500~46,000)	55,000 (7,500~55,000)
	Rated Power Input	W	1,410	2,160	2,950	3,650	4,150
	Rated Current	A	6.3	9.7	13.2	16.4	18.6
	EER2 Rating	BTU / W	12.0	12.0	11.7	11.7	9.5
	SEER2 Rating	**BTU / W**	**21.0**	**22.0**	**20.0**	**20.0**	**18.5**
Heating Performance	Rated Capacity (Min~Max Range)	BTU / h	19,000 (3,500~23,000)	27,000 (4,500~33,000)	36,000 (5,500~41,000)	42,000 (6,500~46,000)	55,000 (7,500~55,000)
	Rated Power Input	W	1,490	2,080	2,650	3,370	3,900
	Rated Current	A	6.7	9.3	11.9	15.1	17.5
	COP2 (47°F)	W / W	3.5	3.4	3.2	3.2	3.3
	HSPF2 (IV) / HSPF2 (V)	**BTU / W**	**9.5 / 8.2**	**9.0 / 7.8**	**8.5 / 7.3**	**8.5 / 7.3**	**9.0 / 7.5**
	Low Heating Capacity (@17F)	BTU / h	17,400	19,500	22,400	29,400	51,000
Minimum Circuit Ampacity (Full Set)		A	16	18	22	28	37
Max. Circuit Breaker (Full Set)		A	25	30	35	45	60
Outdoor Unit Specifications	Power Supply Range	VAC	187~253	187~253	187~253	187~253	187~253
	Minimum Room Size	Sq Ft.	68	88	111	135	---
	Recommended Room Size	Sq Ft.	300~750	400~1,050	700~1,350	1,000~1,600	---
Refrigerant Type			R454B	R454B	R454B	R454B	R454B
Available Linesets		Feet	Selectable Lineset	Selectable Lineset	Selectable Lineset	Selectable Lineset	Selectable Lineset
Factory Charged Weight (Optimized for 16' Linesets)		Ozs	60	77.7	98.8	120	148.1
Outdoor Unit Dimensions & Weight	Net Dimensions (W*D*H)	mm	927 x 381 x 698.5	978 x 419 x 803	1,073 x 467 x 851	1,073 x 467 x 851	1,034 x 409 x 1,338
	Net Dimensions (W*D*H)	Inches	36"-1/2 x 15" x 27"-1/2	38"-1/2 x 16"-1/2 x 31"-5/8	42"-1/4 x 18"-3/8 x 33"-1/2	42"-1/4 x 18"-3/8 x 33"-1/2	40"-3/4 x 16"-1/8 x 52"-5/8
	Packing Dimensions (W*D*H)	mm	959 x 429 x 730	1,029 x 479 x 835	1,133 x 530 x 968	1,133 x 530 x 968	1,080 x 430 x 1,460
	Packing Dimensions (W*D*H)	Inches	37"-3/4 x 16"-7/8 x 28"-3/4	40"-1/2 x 18"-7/8 x 32"-7/8	44"-5/8 x 20"-7/8 x 38"-1/8	44"-5/8 x 20"-7/8 x 38"-1/8	42"-1/2 x 16"-7/8 x 57"-1/2
	Net / Gross Weight	Kg	42 / 45	54 / 58	66 / 77	79 / 90	113 / 118
	Net / Gross Weight	Lbs	92.6 / 99.2	119 / 127.9	145.5 / 169.8	174.2 / 198.4	249.1 / 260
Compressor Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Outdoor Noise Level		dB(A)	58	62	65	65	69
Adjustment Charge (Ea. Foot length for <10' or >25' Sets)		Ozs/Ft.	0.11	0.11	0.11	0.11	0.11
Interconnecting Cable Specks			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)
Connecting Pipes	Max. Allowed Circuit Length	m	24	30	30	30	30
	Max. Allowed Circuit Length	Feet	80	100	100	100	100
	Max. Allowed Total Length	m	40	61	81	90	120
	Max. Allowed Total Length	Feet	130	200	265	295	394
	Max. Indoor Elevation Difference	m	10	10	10	10	10
	Max. Indoor Elevation Difference	Feet	33	33	33	33	33
	Max. Allowable Vertical Run	m	15	15	15	15	15
	Max. Allowable Vertical Run	Feet	50	50	50	50	50
	Liquid Side/ Gas Side (OD) (Multiple Size Adapters Provided)	Inch	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available	1/4" / 3/8" (3/8 > 1/2 for 018 and 3/8 > 5/8 for 024 adapters available
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 63~86	17~30 / 63~86	17~30 / 63~86	17~30 / 63~86	17~32 / 63~90
	Outdoor Ambient Range (Cooling)	°C / °F	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131
	Outdoor Ambient Range (Heating)	°C / °F	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-30~24 / -22~75

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.







Outdoor Unit Model Number	YN020GLSI24M2G	YN030GLSI24M3G	YN040GLSI24M4G	YN050GLSI24M5G	YN060GLSI24M6G
Number of Available Zones	**Two (2)**	**Three (3)**	**Four (4)**	**Five (5)**	**Five (6)**
Two Zones Utilized *(Allowable Combintions in kBTU)*	9 + 9 12 + 9 12 + 12 18 + 9	9 + 9 18 + 9 12 + 12 24 + 12 12 + 9 24 + 9 18 + 12 18 + 18	9 + 9 18 + 9 12 + 12 24 + 12 24 + 18 12 + 9 24 + 9 18 + 12 18 + 18 24 + 24	9 + 9 18 + 9 12 + 12 24 + 12 24 + 18 12 + 9 24 + 9 18 + 12 18 + 18 24 + 24	9 + 18 9 + 24 12 + 12 12 + 18 12 + 24 18 + 18 18 + 24 24 + 24
Three Zones Utilized *(Allowable Combintions in kBTU)*		9 + 9 + 9 12 + 9 + 9 18 + 9 + 9 12 + 12 + 9 18 + 12 + 9 12 + 12 + 12	9 + 9 + 9 9 + 9 + 18 9 + 12 + 18 12 + 12 + 12 12 + 12 + 24 9 + 9 + 12 9 + 12 + 12 9 + 12 + 24 12 + 12 + 18 12 + 18 + 18	9 + 9 + 9 18 + 9 + 9 18 + 12 + 9 18 + 18 + 9 24 + 24 + 9 18 + 12 + 12 18 + 18 + 12 24 + 24 + 12 24 + 18 + 18 12 + 9 + 9 12 + 12 + 9 24 + 12 + 9 24 + 18 + 9 12 + 12 + 12 24 + 12 + 12 24 + 18 + 12 18 + 18 + 18	9+9+12 9+9+18 9+9+24 9+12+12 9+12+18 9+12+24 9+18+18 9+18+24 9+24+24 12+12+12 12+12+18 12+12+24 12+18+18 12+18+24 18+18+18
Four Zones Utilized *(Allowable Combintions in kBTU)*			9 + 9 + 9 + 9 12 + 9 + 9 + 9 12 + 12 + 9 + 9 12 + 12 + 12 +9 12 + 12 + 12 + 12 18 + 9 + 9 + 9 18 + 12 + 9 + 9	9 + 9 + 9 + 9 12 + 9 + 9 + 9 18 + 9 + 9 + 9 12 + 12 + 9 + 9 18 + 12 + 9 + 9 12 + 12 + 12 + 9 18 + 12 + 12 + 9 24 + 12 + 12 + 9 24 + 18 + 12 + 9 12 + 12 + 12 + 12 18 + 12 + 12 + 12 24 + 12 + 12 + 12 18 + 18 + 12 + 12	9+9+9+9 9+9+9+12 9+9+9+18 9+9+9+24 9+9+12+12 9+9+12+18 9+9+12+24 9+9+18+18 9+9+18+24 9+12+12+12 9+12+12+18 9+12+12+24 9+12+18+18 9+12+18+24 9+18+18+18 9+18+18+24 12+12+12+12 12+12+12+18 12+12+12+24 12+12+18+18 12+12+18+24
Five Zones Utilized *(Allowable Combintions in kBTU)*				9 + 9 + 9 + 9 + 9 12 + 9 + 9 + 9 + 9 18 + 9 + 9 + 9 + 9 24 + 9 + 9 + 9 + 9 12 + 12 + 9 + 9 + 9 18 + 12 + 9 + 9 + 9 24 + 12 + 9 + 9 + 9 18 + 18 + 9 + 9 + 9 12 + 12 + 12 + 9 + 9 18 + 12 + 12 + 9 + 9 12 + 12 + 12 + 12 + 9 18 + 12 + 12 + 12 + 9 12 + 12 + 12 + 12 + 12	9+9+9+9+9 9+9+9+9+12 9+9+9+9+18 9+9+9+9+24 9+9+9+12+12 9+9+9+12+18 9+9+9+12+24 9+9+9+18+18 9+9+9+18+24 9+9+12+12+12 9+9+12+12+18 9+9+12+12+24 9+9+12+18+18 9+9+12+18+24 9+12+12+12+12 9+12+12+12+18 9+12+12+12+24 9+12+12+18+18 9+12+12+18+24 12+12+12+12+12 12+12+12+12+18 12+12+12+12+24
Six Zones Utilized *(Allowable Combintions in kBTU)*					9+9+9+9+9+9 9+9+9+9+9+12 9+9+9+9+9+18 9+9+9+9+9+24 9+9+9+9+12+12 9+9+9+12+12+18 9+9+9+12+12+12 9+9+9+12+12+18 9+9+12+12+12+12 9+12+12+12+12+12 12+12+12+12+12+12

Every indoor unit will operate at a random, self-regulated capacity based on the actual demand measured in the zone it serves (between 30-100% of its rated capacity or off. The outdoor unit also self-regulates its output capacity based on the total demand it receives from all indoor units that are running simultaneously. With multi-split systems, the total demand from the outdoor unit rarely exceeds 67% of the total available capacity of the combined indoor unit group due to load fluctuations. In the rare event that the total demand from the combined indoor units exceeds the outdoor unit's rated capacity, each indoor unit's capacity will be annotated accordingly. For high demand heating applications, max loading limits may need to be reduced by 10-15% to avoid under-performance risks at some extreme conditions.

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.



Model Series			WYT-24 Series Wall Mount Ductless Split Indoor Units for YNL-24 Multi Split Systems			
Indoor Unit Model Number			**WT009GLSI24HLG**	**WT012GLSI24HLG**	**WT018GLSI24HLG**	**WT024GLSI24HLG**
Indoor Unit Code			Z2U20102009397	Z2U20102009435	Z4U20102039160	Z2U20102009485
Matching Multi Split Outdoor Units			2 / 3 / 4 / 5 / 6 Zone Systems	2 / 3 / 4 / 5 / 6 Zone Systems	2 / 3 / 4 / 5 / 6 Zone Systems	3 / 4 / 5 / 6 Zone Systems
Power Supply		V, Hz, Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Cooling Performance	Rated Capacity (Min~Max Range)	BTU / h	9,000 (2,400~11,000)	12,000 (2,500~12,500)	18,000 (4,000~19,000)	23,000 (4,700~25,000)
	Rated Power Input (Indoor Unit Only)	W	680	970	1,390	1,860
	EER2	BTU / W	13.0	13.0	12.5	11.7
	SEER2	**BTU / W**	**24.0**	**24.0**	**23.0**	**23.0**
Heating Performance	Rated Capacity (Min~Max Range)	BTU / h	10,000 (2,400~11,000)	12,600 (2,500~15,000)	19,000 (4,000~21,000)	25,000 (4,700~26,500)
	Rated Power Input (Indoor Unit Only)	W	730	925	1,360	2,000
	COP2 (47°F)	W / W	3.81	3.81	3.64	3.26
	HSPF2 (IV) / HSPF2 (V)	**BTU / W**	**9.5 / 8.1**	**10.0 / 8.6**	**10.0 / 8.2**	**9.5 / 8.2**
Indoor Unit Specifications	Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Auto Air Circulation		2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)
	Recommended Room Size	Sq. Ft	250~350	350~500	500~750	750~1,000
Moisture Removal		Pint/Day	55	80	110	130
Indoor Air Flow (Turbo / Hi / Md / Lo / Mute)		CFM	326 / 282.5 / 235 / 188 / 153	500 / 470 / 411 / 323 / 205	735 / 676 / 529 / 423 / 394	735 / 676 / 529 / 423 / 394
Indoor Sound Level (Turbo / Hi / Md / Lo / Mute)		dB(A)	43 / 40 / 33 / 31 / 30	46 / 44 / 36 / 32 / 30	50 / 47 / 43 / 38 / 34	50 / 47 / 43 / 38 / 34
Indoor Unit Dimensions & Weight	Net Dimensions (W*D*H)	mm	819 x 194 x 305	927 x 194 x 305	1,095 x 222 x 330	1,095 x 222 x 333
	Net Dimensions (W*D*H)	Inches	32"-1/4 x 7"-5/8 x 12"	36"-1/2 x 7"-5/8 x 12"	43"-1/8 x 8"-3/4 x 13"	43"-1/8 x 8"-3/4 x 13"-1/8
	Packing Dimensions (W*D*H)	mm	889 x 267 x 381	991 x 267 x 381	1,165 x 295 x 406	1,165 x 295 x 406
	Packing Dimensions (W*D*H)	Inches	35" x 10"-1/2 x 15"	39" x 10"-1/2 x 15"	45"-7/8 x 11"-5/8 x 16"	45"-7/8 x 11"-5/8 x 16"
	Net / Gross Weight	Kg	9.4 / 11.4	10.5 / 14	14 / 16	14 / 16
	Net / Gross Weight	Lbs	20.7 / 25.1	23.1 / 30.9	30.9 / 35.3	30.9 / 35.3
Adjustment Charge (Ea. Foot length for <10' or >25')		Ozs/Ft.	0.11	0.11	0.11	0.11
Refrigerant Type			R454B (Selectable Lineset)	R454B (Selectable Lineset)	R454B (Selectable Lineset)	R454B (Selectable Lineset)
Refrigerant Piping Liquid Side/ Gas Side (OD)		Inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"
Connecting Pipe Max. Allowable Length and Vertical Run		Ft.	50 / 33	50 / 33	65 / 50	65 / 50
Interconnecting Cable Specks			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
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86
	Working Ambient Range (Cooling)	°C / °F	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131
	Working Ambient Range (Heating)	°C / °F	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86

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Model Series			CYT-24 Series Ceiling Cassette Ductless Split Indoor Units for YNL-24 Multi Split Systems			
Indoor Unit Model Number			**CT009GLSILCFHG**	**CT012GLSILCFHG**	**CT018GLSILCFHG**	**CT024GLSILSFHG**
Indoor Unit Code			Z2U30303001075	Z2U30303001074	Z2U30303001073	Z2U30303001024
Matching Multi Split Outdoor Units			2 / 3 / 4 / 5 / 6 Zone Systems	2 / 3 / 4 / 5 / 6 Zone Systems	2 / 3 / 4 / 5 / 6 Zone Systems	3 / 4 / 5 / 6 Zone Systems
Power Supply		V, Hz, Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Cooling Performance	Rated Capacity (Min~Max Range)	BTU / h	9,500 (2,000~10,400)	12,000 (2,000~13,600)	16,000 (6,000~19,400)	23,000 (7,550~25,200)
	Rated Power Input (Indoor Unit Only)	W	750	980	1,365	2,000
	EER2	BTU / W	12.5	11.7	11.0	11.7
	SEER2	BTU / W	**23.0**	**21.0**	**20.5**	**22.5**
Heating Performance	Rated Capacity (Min~Max Range)	BTU / h	9,500 (2,500~12,500)	12,000 (3,100~12,700)	18,000 (4,000~21,400)	25,000 (8,700~28,300)
	Rated Power Input (Indoor Unit Only)	W	720	960	1,640	1,960
	COP2 (at 47°F)	W / W	3.8	3.5	2.9	3.5
	HSPF2 (IV) / HSPF2 (V)	**BTU / W**	**10.5 / 9.0**	**10.0 / 8.9**	**8.5 / 7.4**	**10.4 / 9.4**
Indoor Unit Specifications	Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Auto Air Circulation		2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)
	Recommended Room Size	Sq. Ft.	250~350	350~500	500~750	750~1,000
Moisture Removal		Pint/Day	55	80	110	130
Indoor Air Flow (Turbo / Hi / Md / Lo / Mute)		CFM	326 / 282.5 / 235 / 188 / 153	500 / 470 / 411 / 323 / 205	735 / 676 / 529 / 423 / 394	735 / 676 / 529 / 423 / 394
Indoor Noise Level (Turbo / Hi / Md / Lo / Mute)		dB(A)	43 / 40 / 33 / 31 / 30	46 / 44 / 36 / 32 / 30	50 / 47 / 43 / 38 / 34	50 / 47 / 43 / 38 / 34
Indoor Unit Dimensions & Weight	Net Dimensions (W*D*H)	mm	571.5 x 571.5 x 244	571.5 x 571.5 x 244	571.5 x 571.5 x 244	841 x 857 x 273
	Net Dimensions (W*D*H)	Inches	22"-1/2 x 22"-1/2 x 9"-5/8	22"-1/2 x 22"-1/2 x 9"-5/8	22"-1/2 x 22"-1/2 x 9"-5/8	33"-1/8 x 33"-3/4 x 10"-3/4
	Packing Dimensions (W*D*H)	mm	718 x 657 x 302	718 x 657 x 302	718 x 657 x 302	937 x 937 x 292
	Packing Dimensions (W*D*H)	Inches	28"-1/4 x 25"-7/8 x 11"-7/8	28"-1/4 x 25"-7/8 x 11"-7/8	28"-1/4 x 25"-7/8 x 11"-7/8	36"-7/8 x 36"-7/8 x 11"-1/2
	Net / Gross Weight	Kg	14.5 / 17.5	14.5 / 17.5	14.5 / 17.5	23.5 / 27
	Net / Gross Weight	Lbs	32.0 / 38.6	32.0 / 38.6	32.0 / 38.6	51.8 / 59.5
Indoor Unit Panel Grill (Cassette Models)	Net Dimensions (W*D*H)	mm	651 x 651 x 60	651 x 651 x 60	651 x 651 x 60	950 x 950 x 73
	Net Dimensions (W*D*H)	Inches	25"-5/8 x 25"-5/8 x 2"-3/8	25"-5/8 x 25"-5/8 x 2"-3/8	25"-5/8 x 25"-5/8 x 2"-3/8	37"-3/8 x 37"-3/8 x 2"-7/8
	Packing Dimensions (W*D*H)	mm	733 x 733 x 111	733 x 733 x 111	733 x 733 x 111	1,054 x 1,054 x 89
	Packing Dimensions (W*D*H)	Inches	28"-7/8 x 28"-7/8 x 4"-3/8	28"-7/8 x 28"-7/8 x 4"-3/8	28"-7/8 x 28"-7/8 x 4"-3/8	41"-1/2 x 41"-1/2 x 3"-1/2
	Net / Gross Weight	Kg	2.7 / 4.3	2.7 / 4.3	2.7 / 4.3	6.0 / 9.0
	Net / Gross Weight	Lbs	6.0 / 9.5	6.0 / 9.5	6.0 / 9.5	13.2 / 19.8
Adjustment Charge (Ea. Foot length for <10' or >25')		Ozs/Ft.	0.11	0.11	0.11	0.11
Refrigerant Type			R454B (Selectable Lineset)	R454B (Selectable Lineset)	R454B (Selectable Lineset)	R454B (Selectable Lineset)
Refrigerant Piping Liquid Side/ Gas Side (OD)		Inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"
Connecting Pipe Max. Allowable Length and Vertical Run		Ft.	50 / 33	50 / 33	65 / 50	65 / 50
Interconnecting Cable Specks			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
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86
	Outdoor Ambient Range (Cooling)	°C / °F	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131
	Outdoor Ambient Range (Heating)	°C / °F	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86

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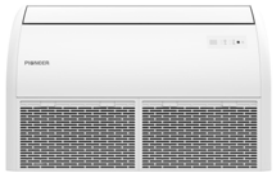

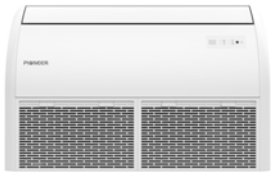

Model Series			UYT-24 Series Floor / Ceiling Mount Ductless Split Indoor Units for YNL-24 Multi Split Systems	
Indoor Unit Model Number			**UT018GLSILCFHG**	**UT024GLSILSFHG**
Indoor Unit Code			Z2U30302000480	Z2U30302000481
Matching Multi Split Outdoor Units			2 / 3 / 4 / 5 / 6 Zone Systems	3 / 4 / 5 / 6 Zone Systems
Power Supply		V, Hz, Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Cooling Performance	Rated Capacity (Min~Max Range)	BTU / h	18,000 (4,550~20,200)	22,200 (6,010~24,610)
	Rated Power Input (Indoor Unit Only)	W	1,515	2,200
	EER2	BTU / W	11.7	11.7
	SEER2	**BTU / W**	**20.5**	**20.0**
Heating Performance	Rated Capacity (Min~Max Range)	BTU / h	18,000 (2,910~22,840)	24,400 (4,750~28,640)
	Rated Power Input (Indoor Unit Only)	W	1,725	2,320
	COP2 (47°F)	W / W	2.8	3.44
	HSPF (IV) / HSPF2 (V)	**BTU / W**	**9.0 / 8.2**	**9.5 / 8.5**
Indoor Unit Specifications	Type		Heat Pump	Heat Pump
	Auto Air Circulation		2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)
	Minimum Room Size	Sq. Ft.	51 (Ceiling Suspended) / 195 (Floor or Low Wall)	62 (Ceiling Suspended) / 260 (Floor or Low Wall)
Moisture Removal		Pint/Day	110	130
Indoor Air Flow (Turbo / Hi / Md / Lo / Mute)		CFM	588 / 512 / 453 / 353 / 265	647 / 588 / 517 / 470 / 412
Indoor Noise Level (Turbo / Hi / Md / Lo / Mute)		dB(A)	50 / 46 / 44 / 40 / 36	53 / 52 / 48 / 44 / 40
Indoor Unit Dimensions & Weight	Net Dimensions (W*D*H)	mm	1,054 x 673 x 235	1,054 x 673 x 235
	Net Dimensions (W*D*H)	Inches	41"-1/2 x 26"-1/2 x 9"-1/4	41"-1/2 x 26"-1/2 x 9"-1/4
	Packing Dimensions (W*D*H)	mm	1,130 x 673 x 305	1,130 x 673 x 305
	Packing Dimensions (W*D*H)	Inches	44"-1/2 x 26"-1/2 x 12"	44"-1/2 x 26"-1/2 x 12"
	Net / Gross Weight	Kg	24 / 29	26 / 31
	Net / Gross Weight	Lbs	52.9 / 63.9	57.3 / 68.3
Adjustment Charge (Ea. Foot length for <10' or >25')		Ozs/Ft.	0.11	0.11
Refrigerant Type			R454B (Selectable Lineset)	R454B (Selectable Lineset)
Refrigerant Piping Liquid Side/ Gas Side (OD)		Inch	1/4" / 1/2"	1/4" / 5/8"
Connecting Pipe Max. Allowable Length and Vertical Run		Ft.	65 / 50	65 / 50
Interconnecting Cable Specks			AWG 16# x 4 (TC-ER)	AWG 16# x 4 (TC-ER)
Controller Included			LCD Wireless Remote	LCD Wireless Remote
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 62~86	17~30 / 62~86
	Outdoor Ambient Range (Cooling)	°C / °F	-15~55 / 5~131	-15~55 / 5~131
	Outdoor Ambient Range (Heating)	°C / °F	-25~30 / -13~86	-25~30 / -13~86

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Model Series			RYT-24 Series Ceiling-Concealed Ducted Split Indoor Units for YNL-24 Multi Split Systems			
Indoor Unit Model Number			**RT009GLSILCFHG**	**RT012GLSILCFHG**	**RT018GLSILCFHG**	**RT024GLSILSFHG**
Indoor Unit Code			Z2U30304000587	Z2U30104000478	Z2U30304000536	Z2U30304000537
Matching Multi Split Outdoor Units			2 / 3 / 4 / 5 / 6 Zone Systems	2 / 3 / 4 / 5 / 6 Zone Systems	2 / 3 / 4 / 5 / 6 Zone Systems	3 / 4 / 5 / 6 Zone Systems
Power Supply		V, Hz, Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Cooling Performance	Rated Capacity (Min~Max Range)	BTU / h	9,500 (2,000~10,400)	11,000 (2,000~12,300)	17,000 (6,000~19,400)	22,000 (7,550~24,600)
	Rated Power Input (Indoor Unit Only)	W	750	940	1,450	1,870
	EER2	BTU / W	12.0	11.0	11.0	11.0
	SEER2	**BTU / W**	**19.6**	**19.0**	**20.3**	**19.0**
Heating Performance	Rated Capacity (Min~Max Range)	BTU / h	9,500 (2,500~12,300)	12,000 (3,100~12,300)	18,000 (4,000~21,400)	25,000 (8,700~28,500)
	Rated Power Input (Indoor Unit Only)	W	800	1,030	1,805	2,030
	COP2 (47°F)	W / W	3.5	3.34	2.8	3.34
	HSPF (IV) / HSPF2 (V)	**BTU / W**	**10.0 / 8.8**	**8.4 / 7.3**	**10.0 / 9.2**	**10.0 / 8.8**
Indoor Fan Motor	Model		Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Auto Air Circulation		2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)	2-Way Louver (Up-Down + Left-Right)
	Recommended Room Size	Sq. Ft	250~350	350~500	500~750	750~1,000
Moisture Removal		Pint/Day	55	80	110	130
Indoor Air Flow (Turbo / Hi / Md / Lo / Mute)		CFM	335 / 305 / 276 / 182 / 182	360 / 330 / 270 / 210 / 180	500 / 426 / 370 / 300 / 283	741 / 623 / 558 / 529 / 470
Indoor Noise Level (Hi / Md / Lo)		dB(A)	43 / 41 / 39	43 / 41 / 39	41 / 38 / 36	41 / 38 / 34
Indoor Unit	Net Dimensions (W*D*H)	mm	698.5 x 489 x 200	698.5 x 489 x 200	902 x 489 x 200	1,099 x 451 x 200
	Net Dimensions (W*D*H)	Inches	27"-1/2 x 19"-1/4 x 7"-7/8	27"-1/2 x 19"-1/4 x 7"-7/8	35"-1/2 x 19"-1/4 x 7"-7/8	43"-1/4 x 17"-3/4 x 7"-7/8
	Packing Dimensions (W*D*H)	mm	902 x 556 x 251	902 x 556 x 251	1,120 x 556 x 251	1,289 x 565 x 251
	Packing Dimensions (W*D*H)	Inches	35"-1/2 x 21"-7/8 x 9"-7/8	35"-1/2 x 21"-7/8 x 9"-7/8	44"-1/8 x 21"-7/8 x 9"-7/8	50"-3/4 x 22"-1/4 x 9"-7/8
	Net / Gross Weight	Kg	15 / 18.5	15 / 18.5	18 / 21	23 / 26.5
	Net / Gross Weight	Lbs	33.1 / 40.8	33.1 / 40.8	39.7 / 46.3	50.7 / 58.4
External Static Pressure (Range) Duct Type Only		Pa	99.6	99.6	99.6	124.5
		In. wg.	0.4	0.4	0.4	0.5
Adjustment Charge (Ea. Foot length for <10' or >25')		Ozs/Ft.	0.11	0.11	0.11	0.11
Refrigerant Type			R454B (Selectable Lineset)	R454B (Selectable Lineset)	R454B (Selectable Lineset)	R454B (Selectable Lineset)
Refrigerant Piping Liquid Side/ Gas Side (OD)		Inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"
Connecting Pipe Max. Allowable Length and Vertical Run		Ft.	50 / 33	50 / 33	65 / 50	65 / 50
Interconnecting Cable Specks			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 Wired	LCD Wired	LCD Wired	LCD Wired
Temperature Ranges	Indoor Temperature Setting Range	°C / °F	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86
	Outdoor Ambient Range (Cooling)	°C / °F	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131	-15~55 / 5~131
	Outdoor Ambient Range (Heating)	°C / °F	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -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.