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*Join the PIONEER Movement Today.*



Welcome Home.

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PIONEER | PRODUCT COLLECTIONS - CLIMATE CONTROL SYSTEMS

2026-2027

**PIONEER**<sup>®</sup>



**PARKER DAVIS**  
INTERNATIONAL



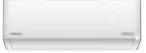
**2026-2027**

Product Collections  
Climate Control Systems



# 2026 | Product Lineup

## Quantum Series Product Family | Single and Multi-Zone Mini Split Heat Pumps (Ductless | Ductable)

Series	Voltage	Type	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
WYT-24	110-120V 208~230V	Single-Zone DC Inverter+	9000, 12000, 18000 24000, 30000, 36000	23 ~ 24	Ductless   High Wall		6-7
WYT-25	208~230V	Single-Zone DC Inverter++	9000, 12000 18000, 24000	22.5 ~ 25			8-9
CYT-24 CYB-20			9000, 12000, 18000 24000, 36000, 48000	18 ~ 23		10-11	
CYK-24			9000, 12000, 18000	22		12-13	
UYT-24			18000, 24000 36000, 48000	19 ~ 20.5	Ductless   Floor-Ceiling		14-15
FYB-24			12000, 18000	23 ~ 24	Ductless   Floor		16-17
RYT-24 RYB-20			9000, 12000, 18000 24000, 36000, 48000	17 ~ 20.3	Ductable   Concealed		18-19
YNL-24		Multi-Zone DC Inverter++	18000 (2), 27000 (3) 36000 (4), 48000 (5)	22 ~ 24	Universal Compatibility		20-21

## Diamante Series Product Family | Single-Zone Mini Split Heat Pumps (Ductless)

Series	Voltage	Type	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
WYT-17	110-120V 208~230V	Single-Zone DC Inverter+	11500, 17000 23000, 35000	17	Ductless   High Wall		24-25
WYT-20		Single-Zone DC Inverter++	9000, 12000 18000, 24000	19 ~ 21			26-27

## Quantum Fresh Series Product Line | Single-Zone Mini Split Fresh Air Heat Pump

Series	Voltage	Type	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
WYT-FA	208~230V	Single-Zone DC Inverter++	12000	24	Ductless   High Wall		28-29

## Ducted Central Series Product Line | Whole-Home Central Split Heat Pumps (Ducted)

Series	Voltage	Type	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
DYC-18	208~230V	DC Inverter+	24000, 36000 48000, 56000	17 ~ 20	Ducted   Central		30-31

## Specialty Solutions Product Family | Niche Application Climate Systems

Series	Voltage	Type	Capacities	Efficiency	Mounting Type	Appearance	Page
PYR	110-120V	DC Inverter Heat Pump	10000 BTU	10.4 EER2 (BTU/W.h) 3.96 C.O.P. (W/W)	Ductable   Under-Bench		32-33
ERV	110~240V	Energy-Recovery Ventilator	30 CFM 235 CFM	99% Filtration 82~97% Heat Recovery	Wall-Recessed Wall-Flush		34-35
CQC	110-120V	Dehumidifier	280 CFM	70 Pints Per Day	Ductable		36-37

# QUANTUM SERIES

Residential and Light-Commercial Single and Multi-Zone Split Heat Pumps

## FAMILY INTRODUCTION

RESIDENTIAL | Ductless Inverter+ and Inverter++ Air Conditioner Heat Pumps

WYT-24 Inverter+ | WYT-25 Inverter++



# FAMILY INTRODUCTION

Single-Zone

Multi-Zone

LIGHT COMMERCIAL | Ductless Inverter+ and Inverter++ Air Conditioner Heat Pumps

## CYT-24



8-Way Ceiling Cassette

## CYK-24



1-Way Ceiling Cassette

## UYT-24



Floor-Ceiling Flex-Mount

## FYB-24



Floor Mount Console

## RYT-24



Static Ducted Concealed

## YNL-24



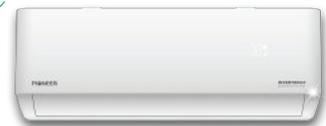
Multi-Zone Free-Match



# WYT-24 Quantum Ultra

## Wall-Mounted Energy-Star Ductless Mini Split Heat Pumps

Silent • Ecological • Streamlined



### Included Features ▶

### Optional Add-Ons ▶



DC Inverter



Self Diagnostics



IFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Selectable Kit Length



Wired Controller



Emergency Auto-Restart



Cooling at 5°F



Self-Cleaning Operation



TURBO Mode



Mute Function



Dual Drain Outlets



ECO Mode



Wi-Fi Control



Low-Ambient Heating



## Step Up to World-Class Comfort with Inverter++

Pioneer®'s Quantum Ultra™ WYT-24 series offers everything that a heat pump mini split can do and more, with full Energy-Star® certification, much quieter indoor airflow output, and upgraded heat pump technology that allows for ultra low-ambient heating in cold-climate temperatures as low as -13° Fahrenheit.



- ✔ **-13°F Low-Ambient Heating**
- ✔ **122°F High-Ambient Cooling**
- ✔ **Up to 24 SEER2 Efficiency**
- ✔ **Ultra-Quiet Operation**
- ✔ **Ultra-High Quality Components**

## A Year-Round Master of All Modes



 **Cooling**



 **Heating**



 **Ventilation**



 **Dehumidification**



*As Peacefully Quiet as 21dB Inside*

## Product Specifications

System Set Model Number		WYT009ALS124RL	WYT012ALS124RL	WYT009GLS124RL	WYT012GLS124RL	WYT018GLS124RL	WYT024GLS124RL
Cooling Capacity (Range)	BTU/hr	9000 (2400-11000)	12000 (2500-12500)	9000 (2400-11000)	12000 (2500-12500)	18000 (4000-19000)	23000 (4700-25000)
SEER2 Efficiency	BTU/W-h	23.0	23.0	23.0	24.0	23.0	23.0
EER2 Efficiency	BTU/W-h	13.0	13.0	13.0	13.0	12.5	11.7
Rated Input (Cooling)	W	680	960	680	970	1390	1860
Heating Capacity (Range)	BTU/hr	10000 (2400-11000)	12400 (2500-15000)	10000 (2400-11000)	12600 (2500-15000)	19000 (4000-21000)	25000 (4700-26500)
HSPF2 (IV) Efficiency	BTU/W-h	9.5	10.0	9.5	10.0	10.0	9.5
Coefficient of Performance (COP)	W/W	3.81	3.81	3.81	3.81	3.64	3.26
Rated Input (Heating)	W	730	945	730	925	1360	2000
Indoor Unit Part Number		WT009ALS124HLG	WT012ALS124HLG	WT009GLS124HLG	WT012GLS124HLG	WT018GLS124HLG	WT024GLS124HLG
Indoor Unit Dimensions (WDH)	inches	32-1/4 x 7-5/8 x 12	36-1/2 x 7-5/8 x 12	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
Airflow (Turbo/Hi/Med/Lo)	CFM	326/283/235/188/153	500/470/411/323/205	326/282.5/235/188/153	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	43/40/33/31/30	46/44/36/32/30	43/40/33/31/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34
Recommended Application	Sq.Ft.	100 - 350	200 - 450	100 - 350	200 - 450	400 - 650	600 - 950
Outdoor Unit Part Number		YN009ALS124RPG	YN012ALS124RPG	YN009GLS124RPG	YN012GLS124RPG	YN018GLS124RPG	YN024GLS124RPG
Outdoor Unit Dimensions (WDH)	inches	31-7/8 x 12 x 21-5/8	31-7/8 x 12 x 21-5/8	31-7/8 x 12 x 21-5/8	31-7/8 x 12 x 21-5/8	36-1/2 x 15 x 27-1/2	38-1/2 x 16-5/8 x 31-5/8
Power Supply	V/Ph/Hz	115/1/60		208-230/1/60			
Sound Level	dB(A)	50	52	50	52	53	54
Energy-Star®	Yes/No	Yes					
Energy-Star Cold Climate®	Yes/No	Yes	Yes	Yes	No	Yes	No
Ambient Operating Range (Cooling)	°F	5 - 131					
Ambient Operating Range (Heating)	°F	-13 - 86					



# WYT-25 Quantum Hyperperformance

## Ductless Single-Zone Wall-Mounted Hyper Heat Pumps

Resilient o Durable o Capable



### Included Features ▶



DC Inverter



Self Diagnostics



IFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Emergency Auto-Restart



Cooling at 5°F



Self-Cleaning Operation



TURBO Mode



Mute Function



Dual Drain Outlets



ECO Mode



Wi-Fi Control



Heating at -22°F

### Optional Add-Ons ▶



Selectable Kit Length



Wired Controller



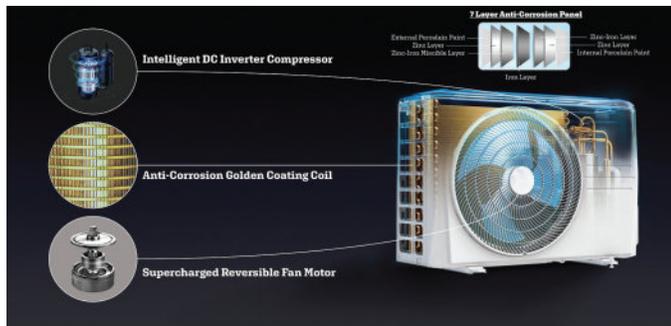
## Energy-Star Cold-Climate® Certified for Efficiency

Carrying both a primary Energy-Star® & Energy-Star Cold-Climate® certification, you can be sure that your new system will qualify for all of the best state and local rebates all across the nation. Not only are you saving money upfront, but by choosing an ultra high-efficiency heat pump, you'll save even more over time and have a complete year-round heating and cooling system that pays for itself in no time at all.



## Wi-Fi Controllable via Free App

Unlock the full potential of your new Pioneer system by activating the wireless internet control module included with your purchase. In 2 minutes you'll be up and running, and ready to set custom schedules or fully control your system from across the world. You can also integrate your new mini split into a Smart Home setup, thanks to the numerous integrations available from within the Pioneer Airlink app, such as Amazon Alexa, Google Assistant, and Apple Siri.



## Dependably Durable, yet Still Sophisticated

At the heart of the system is the variable speed DC inverter compressor, equipped with its own belt heater for running stable in frigid conditions. The brain is the power control board and intelligent fan motor, which can run in reverse at time of shutdown, blowing any drawn-in debris back out of the coil and keeping the internals as clean as the day it was installed. Finally, the muscles of the system are the galvanized steel panels and anti-corrosion coil, capable of withstanding >15,000 hours of salty air or water exposure.



## High-Density Air Particle Filtration

Breathe easy with significantly improved air quality, thanks to the combination of an ultrafine screen filter plus the 4-in-1 supplemental filter. Capture and eliminate pollen, molds, bacteria and other viruses while deodorizing the returning air all at the same time. When combined with the coil frost/defrosting cycle (which strips the fins of built-up debris and drains it away) you can be sure that both the air you breathe and the air conditioner itself will remain totally clean and clear of harmful airborne contaminants.

## Product Specifications

System Set Model Number		WYT009GLSI25RH	WYT012GLSI25RH	WYT018GLSI25RH	WYT024GLSI25RH
Cooling Capacity (Range)	BTU/hr	9000 (3200-12400)	12000 (2500-15600)	18,000 (4100-19400)	24,000 (4800-25200)
SEER2 Efficiency	BTU/W-h	25.0	25.0	23.5	22.5
EER2 Efficiency	BTU/W-h	14.5	14.0	12.5	11.7
Rated Input (Cooling)	W	680	970	1390	1860
Heating Capacity (Range)	BTU/hr	9000 (2100-15100)	12000 (2500-19700)	18000 (4100-21400)	24000 (4800-26900)
HSPF2 (IV) Efficiency	BTU/W-h	10.5	10.5	10.0	10.0
Coefficient of Performance (COP)	W/W	4.0	4.0	3.64	3.30
Rated Input (Heating)	W	730	925	1360	2000
Indoor Unit Part Number		WT009GLSI25HLH	WT012GLSI25HLH	WT018GLSI25HLH	WT024GLSI25HLH
Indoor Unit Dimensions (WDH)	inches	32-1/4 x 7-5/8 x 12	36-1/4 x 7-5/8 x 12	43-1/8 x 8-3/4 x 13	43-1/8 x 8-3/4 x 13
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	326/282/235/188/153	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	42/39/33/29/26	46/44/36/32/30	48/45/40/37/34	49/47/42/37/32
Recommended Application	Sq.Ft.	100 - 400	200 - 550	350 - 775	500 - 1,000
Outdoor Unit Part Number		YN009GLSI25RPH	YN012GLSI25RPH	YN018GLSI25RPH	YN024GLSI25RPH
Outdoor Unit Dimensions (WDH)	inches	31-7/8 x 12 x 21-5/8	34 x 13-3/4 x 23-3/4	36-1/2 x 15 x 27-1/2	38-1/2 x 16-5/8 x 31-5/8
Power Supply	V/Ph/Hz	208-230/1/60			
Sound Level	dB(A)	55	57	58	61
Energy-Star	Yes/No	Yes			
Energy-Star Cold Climate	Yes/No	Yes			
Ambient Operating Range (Cooling)	*F	5 - 131			
Ambient Operating Range (Heating)	*F	-22 - 86			



# CYT-24/CYB-20 Quantum Ultra

## Eight-Way Ceiling Recessed Cassette Mini Split Heat Pump

Compact o Subdued o Adept



### Included Features ▶

### Optional Add-Ons ▶



DC Inverter



Self Diagnostics



IFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Selectable Kit Length



Wired Controller



Emergency Auto-Restart



Built-In Pump for Condensate



Self-Cleaning Operation



TURBO Mode



Mute Function



8-Way Louver



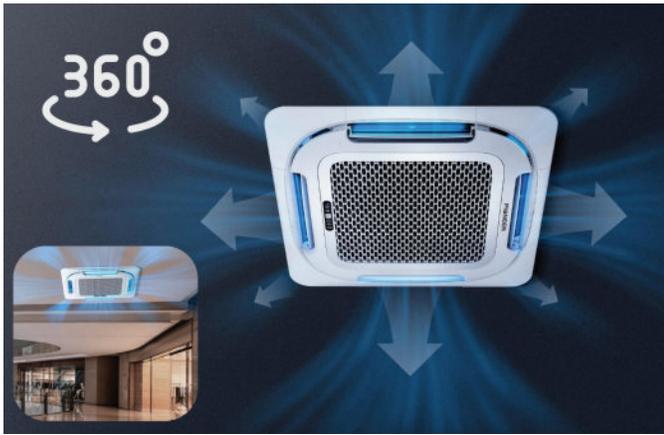
ECO Mode



Wi-Fi Control



Low-Ambient Heating



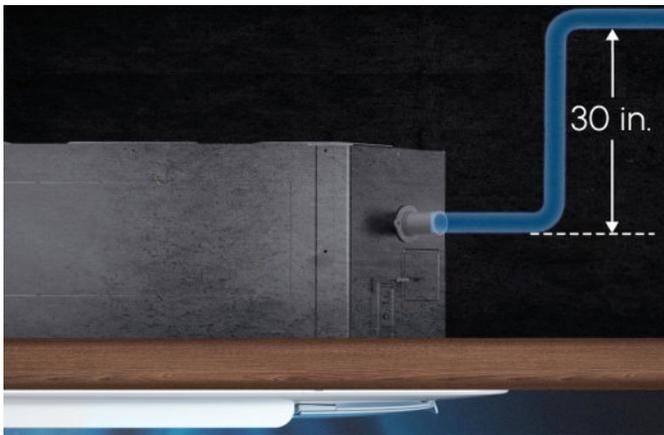
### 8-Way, 360° Airflow

Enjoy omni-directional air output that ensures the conditioned air proportionally reaches all 4 corners of the room, thanks to an innovative design featuring 4 sides and 4 corners of airflow delivery.



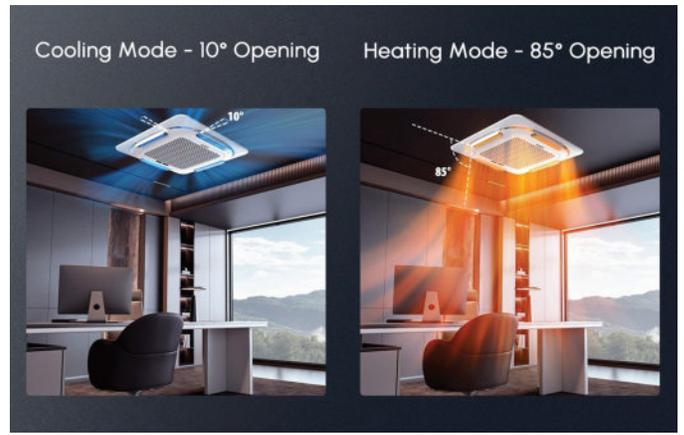
### Fresh Air Intake

The Pioneer CYT-24 and CYB-20 series cassettes offer a provision of fresh-air intake via an optional reserved airflow port. New outdoor air can be easily brought inside to replace stale room air.



### Built-In Drain Pump

Every cassette includes a condensate pump that is capable of lifting drainage water up to 30 inches. This allows the user much more flexibility for routing the condensate water. The pump can be easily disabled if gravity drain is desired.



### Intelligent Air Throw

With the wide operating angle of the airflow louver, the Pioneer CYT and CYB series cassettes are able to drape the room with a satisfying breeze in cooling mode, and wrap the area with cozy warmth in heating mode.

## Product Specifications

System Set Model Number		CYT009GLSI24RL	CYT012GLSI24RL	CYT018GLSI24RL	CYT024GLSI24RL	CYB036GMSI20RL	CYB048GMSI20RL
Cooling Capacity (Range)	BTU/hr	9500 (2000-10400)	12000 (2000-13600)	16000 (6000-19400)	23000 (6000-25200)	36000 (6400-39800)	48000 (16600-48000)
SEER2 Efficiency	BTU/W-h	23.0	21.0	20.5	22.5	20.0	18.5
EER2 Efficiency	BTU/W-h	12.5	11.7	11.0	11.7	9.6	9.5
Rated Input (Cooling)	W	750	980	1365	2000	3720	5050 (650-5050)
Heating Capacity (Range)	BTU/hr	9500 (2500-12500)	12000 (3100-12700)	18000 (4000-21400)	25000 (8700-28300)	38000 (14400-42200)	50000 (11900-52000)
HSPF2 (IV) Efficiency	BTU/W-h	10.5	10.0	8.5	10.4	10.3	9.8
Coefficient of Performance (COP)	W/W	3.8	3.5	2.9	3.5	3.31	3.1
Rated Input (Heating)	W	720	960	1640	1960	3365	4730 (660-5200)
<b>Indoor Unit Part Number</b>		<b>CT009GLSILCFHG</b>	<b>CT012GLSILCFHG</b>	<b>CT018GLSILCFHG</b>	<b>CT024GLSILSFHG</b>	<b>CB036GMSILDFHG</b>	<b>CB048GMSILDFHG</b>
Indoor Unit Dimensions (WDH)	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	32-5/8 x 32-5/8 x 9-5/8	32-5/8 x 32-5/8 x 11-3/8
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	326/282.5/232/188/153	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394	1042/948/853/753/689	2190/1800/1590
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	43/40/33/31/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34	54/52/47/40/36	55/53/50
Panel Net Dimensions (WDH)	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	37-3/8 x 37-3/8 x 2-1/8	37-3/8 x 37-3/8 x 3
<b>Outdoor Unit Part Number</b>		<b>YN009GLSI24RPG</b>	<b>YN012GLSI24RPG</b>	<b>YN018GLSI24RPG</b>	<b>YN024GLSI24RPG</b>	<b>YN036GMSI20RUG</b>	<b>YN048GMSI20RUG</b>
Outdoor Unit Dimensions (WDH)	inches	31-7/8 x 12 x 21-5/8	31-7/8 x 12 x 21-5/8	36-1/2 x 15 x 27-1/2	38-1/2 x 16-5/8 x 31-5/8	37-1/4 x 16-1/4 x 31-7/8	37-1/2 x 16-3/8 x 52-1/2
Power Supply	V/Ph/Hz	208-230/1/60					
Sound Level	dB(A)	50	52	53	54	63	65
Energy-Star	Yes/No	Yes	Yes	Yes	Yes	No	No
Energy-Star Cold Climate	Yes/No	Yes	Yes	Yes	Yes	Yes	Yes
Ambient Operating Range (Cooling)	°F	5 - 131					
Ambient Operating Range (Heating)	°F	-13 - 86					



# CYK-24 Quantum Ultra

## Single-Way Ceiling Recessed Cassette Mini Split Heat Pump

Modern ◦ Graceful ◦ Sophisticated



### Included Features ▶



DC Inverter



Self Diagnostics



iFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Emergency Auto-Restart



Cooling at 5°F



Self-Cleaning Operation



TURBO Mode



Mute Function



Auto-Lowering Air Filter Panel

### Optional Add-Ons ▶



Selectable Kit Length



Wired Controller



ECO Mode



Wi-Fi Control

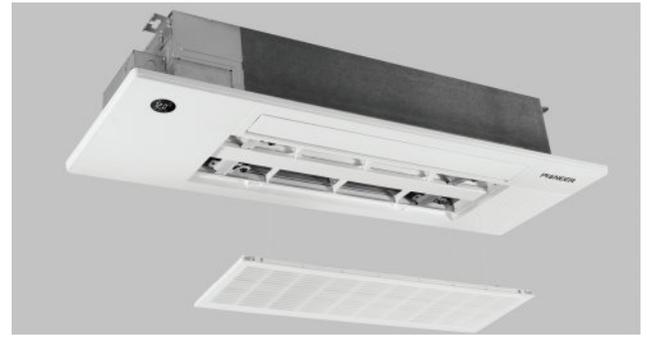


Low-Ambient Heating



### Easily Fits in Between 16" On-Center Joists

Perfect for wooden construction homes, this sleek air handler eliminates the placement restrictions associated with standard square shaped recessed cassettes, thanks to its narrow depth of less than 14 inches.



### 6 Foot Self-Elevating Front Panel

From now on, no need to climb to your panel - let it come to you instead! With the press of a button, you can lower and suspend the front panel to your desired preference.



### Easily Accessed Core Components

Gain access to all of the essential internals such as the control board and condensate pump, thanks to the enhanced fold-out panel design.



### 2-Way Installation Allows Ultimate Versatility

With a unique and exclusive push-in design, this air handler offers true flexibility, with options to either mount above or below structural beams.

## Product Specifications

System Set Model Number		CYK009GMSI24RL	CYK012GMSI24RL	CYK018GMSI24RL
Cooling Capacity (Range)	BTU/hr	9000 (3700-11400)	12000 (3900-13800)	18000 (4000-18800)
SEER2 Efficiency	BTU/W-h	22.1	22.1	22.2
EER2 Efficiency	BTU/W-h	14.4	12.3	12.5
Rated Input (Cooling)	W	925	975	1440
Heating Capacity (Range)	BTU/hr	11000 (4100-14300)	12000 (4700-15300)	18000 (7600-22800)
HSPF2 (IV) Efficiency	BTU/W-h	11.8	10.0	12.2
Coefficient of Performance (COP)	W/W	3.2	3.4	3.3
Rated Input (Heating)	W	1007	1034	1600
Indoor Unit Part Number		CK009GMSILDFHG	CK012GMSILDFHG	CK018GMSILDFHG
Indoor Unit Dimensions (WDH)	inches	50-3/8 x 13-1/4 x 10		
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	400/341/294/259/235	420/353/312/282/247	510/400/352/300/258
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	46/38/34/24/22	47/43/38/26/22	48/44/41/30/24
Panel Net Dimensions (WDH)	inches	53-1/2 x 18-3/4 x 1		
Outdoor Unit Part Number		YN009GMSI24RPG	YN012GMSI24RPG	YN018GMSI24RPG
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 12 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	35 x 13-1/2 x 26-1/2
Power Supply	V/Ph/Hz	208-230/1/60		
Sound Level	dB(A)	54	54	58
Energy-Star	Yes/No	Yes		
Energy-Star Cold Climate	Yes/No	Yes		
Ambient Operating Range (Cooling)	°F	5 ~ 131		
Ambient Operating Range (Heating)	°F	-13 ~ 86		



# UYT-24/UYB-20 Quantum Ultra

## Floor-Ceiling Flex-Mounted Console Mini Split Heat Pump

Broad ◦ Mighty ◦ Accommodating



### Included Features ▶

### Optional Add-Ons ▶



DC Inverter



Self Diagnostics



IFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Selectable Kit Length



Wired Controller



Emergency Auto-Restart



Dual Drain Outlets



Self-Cleaning Operation



TURBO Mode



Mute Function



3-Way Pipe Out



ECO Mode



Wi-Fi Control



Low-Ambient Heating



## Super Slim Design

Thinner and lighter than ever before, the Pioneer UYT-24 and UYB-20 series offer exceptional durability, all while maintaining an industry-leading chassis slimmness that blends seamlessly into most rooms.



## Ultra-Versatile Mounting Options

Thanks to the unique design of the condensate drain pan, this model can be mounted to both the floor or the ceiling (even to pitched ceilings). This permits ultimate freedom for adapting to most projects.



## Onboard LED Readout

A sleek and functional LED display allows the user to clearly view both the temperature settings as well as running operations and status codes.



## Extra-Wide Airflow

Both vertical and horizontal airflow is available, and can be easily adjusted using the remote controller to direct high velocity air flow to every corner of the room.

## Product Specifications

System Set Model Number		UYT018GLSI24RL	UYT024GLSI24RL	UYB036GMSI20RL	UYB048GMSI20RL
Cooling Capacity (Range)	BTU/hr	18000 (4550-20200)	22200 (6010-24610)	36000 (7300-39500)	48000 (10100-50000)
SEER2 Efficiency	BTU/W-h	20.5	20.0	20.0	19.9
EER2 Efficiency	BTU/W-h	11.7	11.7	10.1	9.5
Rated Input (Cooling)	W	1515	2200	3530	5055
Heating Capacity (Range)	BTU/hr	18000 (2910-22840)	24400 (4750-28640)	38000 (14100-40400)	50000 (15800-59100)
HSPF2 (IV) Efficiency	BTU/W-h	9.0	9.5	10.0	10.2
Coefficient of Performance (COP)	W/W	2.8	3.44	3.34	2.82
Rated Input (Heating)	W	1725	2320	3250	5195
Indoor Unit Part Number		UT018GLSILCFHG	UT024GLSILSFHG	UB036GMSILDFHG	UB048GMSILDFHG
Indoor Unit Dimensions (WDH)	inches	41-1/2 x 9-1/4 x 26-1/2	41-1/2 x 9-1/4 x 26-1/2	65 x 9-1/4 x 26-5/8	65 x 9-1/4 x 26-5/8
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	588/512/453/353/265	647/588/517/470/412	1224/1089/989/765/663	1354/1236/1083/800/665
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	50/46/44/40/36	53/52/48/44/40	50/49/44/37/33	55/53/49/39/34
Recommended Application	Sq.Ft.	400 ~ 650	600 ~ 950	800 ~ 1200	1000 ~ 1600
Outdoor Unit Part Number		YN018GLSI24RPG	YN024GLSI24RPG	YN036GMSI20RUG	YN048GMSI20RUG
Outdoor Unit Dimensions (WDH)	inches	36-1/2 x 15 x 27-1/2	38-1/2 x 16-5/8 x 31-5/8	37-1/4 x 16-1/4 x 31-7/8	37-1/2 x 16-3/8 x 52-1/2
Power Supply	V/Ph/Hz	208-230/1/60			
Sound Level	dB(A)	53	54	63	64
Energy-Star	Yes/No	Yes	Yes	No	No
Energy-Star Cold Climate	Yes/No	Yes	Yes	No	Yes
Ambient Operating Range (Cooling)	*F	5 ~ 131	5 ~ 131	5 ~ 131	5 ~ 131
Ambient Operating Range (Heating)	*F	-13 ~ 86	-13 ~ 86	-13 ~ 86	5 ~ 86



# FYB-24 Quantum Ultra

## Floor/Low-Wall Mounted Console Mini Split Heat Pump

Seamless • Refined • Harmonious



### Included Features ▶



DC Inverter



Self-Diagnostics



iFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Emergency Auto-Restart



Dual Drain Outlets



Self-Cleaning Operation



TURBO Mode



Mute Function



Dual Airflow Outlet Louver

### Optional Add-Ons ▶



Selectable Kit Length



Wired Controller



ECO Mode



Wi-Fi Control



Low-Ambient Heating



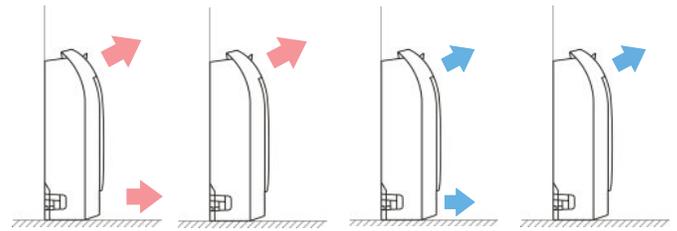
## Modern and Elegant Appearance

With a simple and compact design, the stylish Pioneer floor-mounted console can blend in seamlessly with nearly any kind of living space.



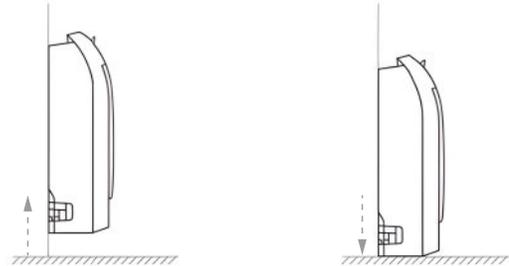
## Supercharged Internal Components

The redesigned dual internal crossfans and widened lower outlet ensures low-noise operation, while maintaining strong output and high efficiency.



## Dual Supply Outlets with Ultra-Wide Airflow

The Pioneer FYB series floor console allows for full configuration of the method of air delivery, by way of independent control of the output louvers. Set the system to deliver heating or cooling via only the top for quieter performance, or by using both outlets for enhanced coverage.



## Mount Low on the Wall, or Flush to the Floor

The console can be installed standing on the floor, which can be great for aesthetics and accessibility, while also offering enhanced space-saving. Or, fix it to the wall by way of the included mounting plate for reduced dust and debris exposure, and additional protection from potential obstructions.

## Product Specifications

System Set Model Number		FYB012GMSI24RL	FYB018GMSI24RL
Cooling Capacity (Range)	BTU/hr	12000 (4000-13100)	16000 (4700-18000)
SEER2 Efficiency	BTU/W-h	24.6	23.8
EER2 Efficiency	BTU/W-h	12.7	12.5
Rated Input (Cooling)	W	960	1280
Heating Capacity (Range)	BTU/hr	12000 (5100-12900)	17000 (7300-22900)
HSPF2 (IV) Efficiency	BTU/W-h	11.0	13.5
Coefficient of Performance (COP)	W/W	3.9	3.4
Rated Input (Heating)	W	897	1478
Indoor Unit Part Number		FB012GMSILDFHG	FB018GMSILDFHG
Indoor Unit Dimensions (WDH)	inches	31-1/4 x 7-7/8 x 24-1/2	31-1/4 x 7-7/8 x 24-1/2
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	441/386/324/248/188	500/441/382/323/262
Sound Level (Hi/Med/Lo)	dB(A)	39/34.5/29.5	41.5/39/28.5
Recommended Application	Sq.Ft.	200 ~ 450	400 ~ 650
Outdoor Unit Part Number		YN012GMSI24RPG	YN018GMSI24RPG
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 12 x 21-7/8	35 x 13-1/2 x 26-1/2
Power Supply	V/Ph/Hz	208-230/1/60	
Sound Level	dB(A)	55	57
Energy-Star	Yes/No	Yes	
Energy-Star Cold Climate	Yes/No	Yes	
Ambient Operating Range (Cooling)	°F	5 ~ 131	
Ambient Operating Range (Heating)	°F	-13 ~ 86	



# RYT-24/RYP-20 Quantum Ultra

## Ceiling Concealed Medium-Static Ductable Mini Split Heat Pump

Discreet o Adaptive o Integrated



### Included Features ▶



DC Inverter



Self Diagnostics



iFEEL Mode



44°F Setting



Sleep Mode



Weekly Schedule Programming



Emergency Auto-Restart



Built-In Pump for Condensate



Self-Cleaning Operation



TURBO Mode



Mute Function



Wired Controller



ECO Mode



Wi-Fi Control



Low-Ambient Heating

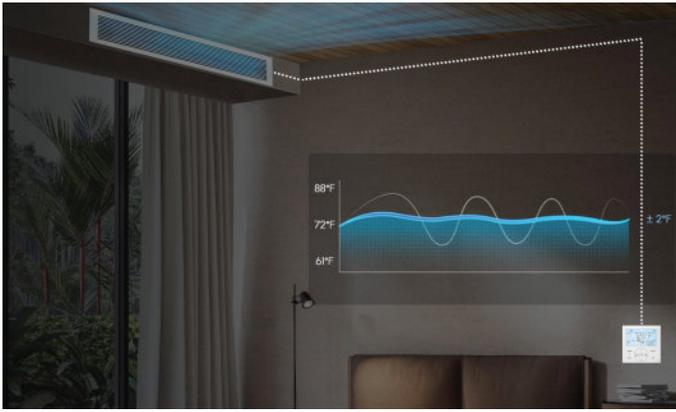
### Optional Add-Ons ▶



Selectable Kit Length



Handheld Remote Controller



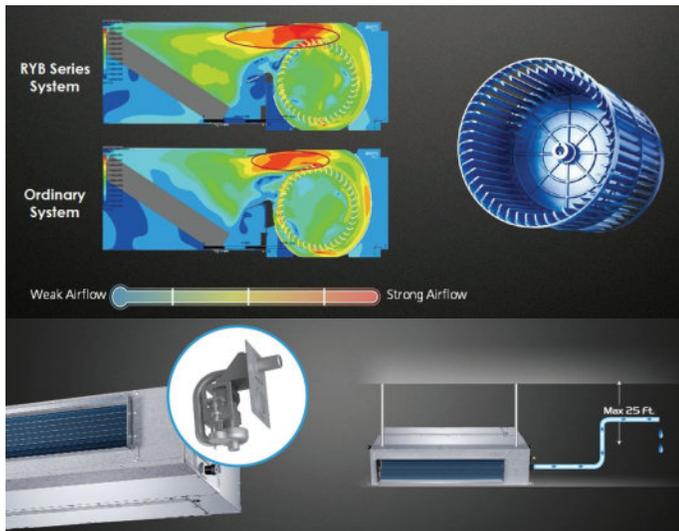
## Precision Temperature Control

With the fully DC inverter design and combined with Pioneer's latest 540L wired controller (included with purchase), the set temperature inside the room can be maintained accurately, within  $\pm 2^\circ\text{F}$  tolerance.



## Flexible Air Intake

The air handler can be easily modified to pull in return air from the bottom or the rear side. Simply move the air intake cover to the side that will not be used and you're all set.



## High Quality Built-in Components

The air handler features an innovative blower wheel design which improves airflow at the air outlet, resulting in superior performance when measured against similar systems. Further, the RYT/Ryb series includes a built-in drainage pump which can lift condensate water up to 25+ feet.



## Ductable to Multiple Rooms

Pioneer ducted mini split systems can provide heating and cooling to multiple rooms via ducting, enabling warmed or conditioned airflow all throughout the home. With its ceiling concealed design, only the wired controller and air grilles are visible to the occupants, permitting a truly minimal presence with maximum comfort.

## Product Specifications

System Set Model Number		RYT009GLSI24RL	RYT012GLSI24RL	RYT018GLSI24RL	RYT024GLSI24RL	RYB036GMSI20RL	RYB048GMSI20RL
Cooling Capacity (Range)	BTU/hr	9500 (2000-10400)	11000 (2000-12300)	17000 (6000-19400)	22000 (7550-24600)	36000 (7900-42500)	48000 (11000-56500)
SEER2 Efficiency	BTU/W-h	19.6	19.0	20.3	19.0	18.7	17.1
EER2 Efficiency	BTU/W-h	12.0	11.0	11.0	11.0	10.1	10.0
Rated Input (Cooling)	W	750	940	1450	1870	3530	4800
Heating Capacity (Range)	BTU/hr	9500 (2500-12300)	12000 (3100-12300)	18000 (4000-21400)	25000 (8700-28500)	40000 (8100-43500)	50000 (11200-60500)
HSPF2 (IV) Efficiency	BTU/W-h	10.0	8.4	10.0	10.0	10.2	9.8
Coefficient of Performance (COP)	W/W	3.5	3.34	2.8	3.34	3.7	3.49
Rated Input (Heating)	W	800	1030	1805	2030	3170	4200
Indoor Unit Part Number		RT009GLSILCFHG	RT012GLSILCFHG	RT018GLSILCFHG	RT024GLSILSFHG	RB036GMSILDFHG	RB048GMSILDFHG
Indoor Unit Dimensions (WDH)	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	47-1/4 x 29-1/2 x 11-7/8	47-1/4 x 29-1/2 x 11-7/8
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	335/305/276/182/172	360/330/270/210/180	500/426/370/300/283	741/623/558/529/470	1235/1059/941/765/703	1467/1294/1118/1062/935
Sound Level (Hi/Med/Lo)	dB(A)	43/41/39	43/41/39	41/38/36	41/38/34	45/39.5/30	51/46/40
External Static Pressure (Range)	in. w.g.	0.0-0.40	0.0-0.40	0.0-0.40	0.0-0.50	0.0-0.80	0.0-0.80
Outdoor Unit Part Number		YN009GLSI24RPG	YN012GLSI24RPG	YN018GLSI24RPG	YN024GLSI24RPG	YN036GMSI20RUG	YN048GMSI20RUG
Outdoor Unit Dimensions (WDH)	inches	31-7/8 x 12 x 21-5/8	31-7/8 x 12 x 21-5/8	36-1/2 x 15 x 27-1/2	38-1/2 x 16-5/8 x 31-5/8	37-1/4 x 16-1/4 x 31-7/8	37-1/2 x 16-3/8 x 52-1/2
Power Supply	V/Ph/Hz	208-230/1/60					
Sound Level	dB(A)	50	52	53	54	63	64
Energy-Star	Yes/No	Yes	Yes	Yes	Yes	No	No
Energy-Star Cold Climate	Yes/No	Yes	Yes	Yes	Yes	No	Yes
Ambient Operating Range (Cooling)	*F	5-131	5-131	5-131	5-131	5-131	5-131
Ambient Operating Range (Heating)	*F						



# YNL-24 Quantum Ultra

## Free-Match 2~5 Circuit Multi-Split Inverter Heat Pump

Customizable o Robust o Unified



### Included Features ▶



DC Inverter



Self Diagnostics



iFEEL Mode



46°F Setting



Sleep Mode



Emergency Auto-Restart



Selectable Lineset Length



Self-Cleaning Operation



TURBO Mode



Mute Function



Weekly Scheduling



ECO Mode



Wi-Fi Control

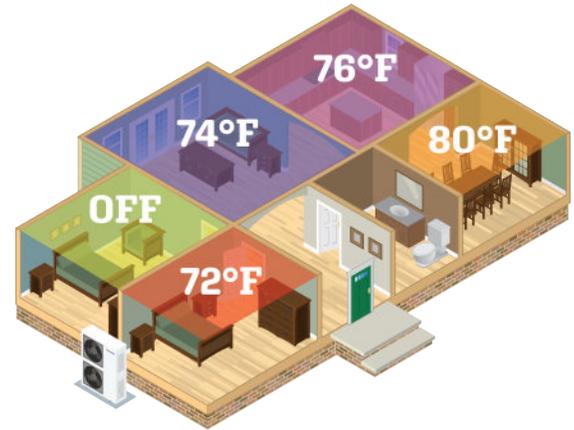


Low-Ambient Heating



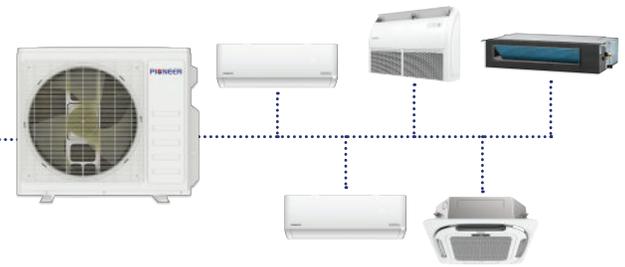
### Eliminate Bulk and Minimize Maintenance

With Pioneer multi-zone condenser systems, you can consolidate up to 5 single-zone outdoor units into one single section and regain lost real estate. This option offers the convenience of only one electrical supply, and cuts maintenance needs without sacrificing any efficiency or capacity.



### Maintain Unique Zone Control

Quit fighting over the thermostat! One of the main benefits of mini split systems is that each room or zone can have the temperature exactly how they want it. That benefit is not lost with multi-zone solutions either, with each zone getting its own unique temperature controller.



### Complete Combination Freedom

Every home and every project is unique, but that is certainly no limitation when it comes to Pioneer's Quantum multi-split product line. Mix and match indoor unit styles, BTUs, and lineset lengths to perfectly fit your application. And compared to multiple outdoor units running together concurrently, Pioneer multi-splits are a great option to improve heat exchange and energy efficiency, reducing your overall power consumption.

## Product Specifications

		Dual (2) Zone	Triple (3) Zone	Quad (4) Zone	Quint (5) Zone
Product Model Number		YN020GLSI24M2G	YN030GLSI24M3G	YN040GLSI24M4G	YN050GLSI24M5G
Cooling Capacity (Range)	BTU/hr	18000 (3500~22000)	27000 (4500~31000)	35000 (5500~37500)	42000 (6500~46000)
SEER2 Efficiency	BTU/W-h	24.0	24.0	22.5	22.0
EER2 Efficiency	BTU/W-h	13.0	12.0	11.1	11.2
Rated Input (Cooling)	W	1370	2020	2930	3550
Heating Capacity (Range)	BTU/hr	20000 (3500~23000)	28000 (4500~33000)	36000 (5500~41000)	42000 (6500~46000)
HSPF2 (IV) Efficiency	BTU/W-h	10.5	10.5	10.0	10.0
Coefficient of Performance (COP)	W/W	3.5	3.5	3.5	3.5
Rated Input (Heating)	W	1410	1980	2680	3260
Number of Available Circuits		2	3	4	5
Compatible Indoor Units Models	Series	WT / CT / UT / RT	WT / CT / UT / RT	WT / CT / UT / RT	WT / CT / UT / RT
Compatible Indoor Unit Capacities	BTU	9000 / 12000 / 18000	9000 / 12000 / 18000 / 24000	9000 / 12000 / 18000 / 24000	9000 / 12000 / 18000 / 24000
Max Zone Distance (Max Total Line Distance)	feet	80 (130)	100 (200)	100 (265)	100 (295)
Maximum Allowable Total Attached Load	BTU	24000	39000	48000	60000
Usable Configuration		Dual	Dual, Triple	Dual, Triple, Quad	Dual, Triple, Quad, Quint
Outdoor Unit Dimensions (WDH)	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
Power Supply	V/Ph/Hz	208~230/1/60			
Sound Level	dB(A)	58	62	65	65
Energy-Star	Yes/No	Yes	Yes	No	No
Energy-Star Cold Climate	Yes/No	Yes	No	Yes	Yes
Ambient Operating Range (Cooling)	°F	5 ~ 131			
Ambient Operating Range (Heating)	°F	-13 ~ 86			

# DIAMANTE SERIES

Residential Wall-Mounted Single-Zone Split Heat Pumps

## FAMILY INTRODUCTION

RESIDENTIAL | Ductless Inverter and Inverter+ Air Conditioner Heat Pumps

WYT-17 Inverter | WYT-20 Inverter+

**...And Introducing...** **QUANTUM Fresh™**



WYT-17



Single-Zone

WYT-20



Single-Zone

WYT-FA



Single-Zone





# WYT-17 Diamante Essenza™

## Wall-Mounted Ductless DC Inverter Mini Split Heat Pumps

Essential ◦ Reliable ◦ Accessible



### Included Features ▶



DC Inverter



Self-Diagnostics



IFeel Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Emergency Auto-Restart



Self-Cleaning Operation



TURBO Mode



Mute Function



Dual Drain Outlets



ECO Mode



3D Air Louver

### Optional Add-Ons ▶



Wi-Fi Control



### 3D Dual-Swing Airflow Output

Take advantage of automatic dual-directional airflow louvers, motorized for both left-right and up-down swing, to perfectly send airflow to all 4 corners of the room.



### Sleek and Attractive Panel Design

Diamante Essenza offers an elegant gloss finish which can suit nearly any interior layout and decor. An easy-to-read LED display and curved front completes the look.



### 131°F High Temperature Self-Cleaning

The Diamante Essenza comes equipped with self-cleaning mode, which uses a 4-stage sanitization cycle to flush out buildup and ensure smooth operation for years to come.



### Easy Maintenance Slide-Out Filters

Keeping the room air clean and dust-free is easy. Simply remove the internal air filters, which are washable and re-usable, and give them a cleaning as needed.

## Product Specifications (110/120V and 208~230V Systems)

System Set Model Number		WYT012ALUI17RL	WYT012GLUI17RL	WYT018GLUI17RL	WYT024GLUI17RL	WYT036GLUI17RL
Cooling Capacity (Range)	BTU/hr	11500 (2050-12000)	11500 (2050-12000)	17000 (4095-17700)	23000 (5120-24500)	35000 (7500-36000)
SEER2 Efficiency	BTU/W-h	17.0	17.0	17.0	17.0	17.0
EER2 Efficiency	BTU/W-h	9.5	9.5	9.5	9.5	9.5
Rated Input (Cooling)	W	1180	1170	1770	2365	3350
Heating Capacity (Range)	BTU/hr	11500 (2050-12500)	11500 (2050-12500)	16500 (4095-17700)	22400 (5120-24500)	35400 (7500-36000)
HSPF2 (IV) Efficiency	BTU/W-h	9.5	8.5	8.5	9.5	8.5
Coefficient of Performance (COP)	W/W	3.3	3.2	3.2	3.3	3.02
Rated Input (Heating)	W	1005	1100	1440	1900	3000
Indoor Unit Part Number		WT012ALUI17HLD	WT012GLUI17HLD	WT018GLUI17HLD	WT024GLUI17HLD	WT036GLUI17HLD
Indoor Unit Dimensions (WDH)	inches	30-1/2 x 7-7/8 x 9-3/4	30-1/2 x 7-7/8 x 9-3/4	35-3/4 x 8-1/8 x 11-1/2	39-3/4 x 8-3/4 x 12-3/8	46-7/8 x 10-1/4 x 14-1/4
Indoor Air Circulation (Turbo/Hi/Med/Lo/Mute)	CFM	276/265/241/224/206	294/264/235/206/159	412/364/294/235/208	676/629/505/412/352	882/741/564/458/411
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	43/40/36/33/29	45/42/39/35/33	49/45/40/34/32	50/48/46/40/37	55/52/46/41/39
Recommended Application	Sq.Ft.	200 - 450	200 - 450	400 - 650	600 - 950	800 - 1200
Outdoor Unit Part Number		YN012ALUI17RPD	YN012GLUI17RPD	YN018GLUI17RPD	YN024GLUI17RPD	YN036GLUI17RPD
Outdoor Unit Dimensions (WDH)	inches	31 x 11-1/2 x 19-3/8	31 x 11-1/2 x 19-3/8	31-7/8 x 12 x 21-5/8	34 x 13-3/4 x 23-5/8	38-1/2 x 16-1/2 x 31-5/8
Power Supply	V/Ph/Hz	110-120/1/60				
Sound Level	dB(A)	53	55	57	56	63
Energy-Star	Yes/No	No				
Energy-Star Cold Climate	Yes/No	No				
Ambient Operating Range (Cooling)	°F	54 - 122				
Ambient Operating Range (Heating)	°F	5 - 86				

PIONEER

DIAMANTE PRO™



# WYT-20 Diamante Pro

Wall-Mounted DC Inverter+ Ductless Mini Split Heat Pumps

Balanced o Versatile o Elegant



## Included Features ▶

## Optional Add-Ons ▶



DC Inverter



Self Diagnostics



IFEEL Mode



44°F Setting



Sleep Mode



Timer Function



Wi-Fi Control



Wired Controller



Emergency Auto-Restart



Cooling at 5°F



Self-Cleaning Operation



TURBO Mode



Mute Function



Dual Drain Outlets



ECO Mode



3D Air Louver



## Minimal Power, Maximal Savings with ECO Mode

Your system is already efficient thanks to built-in DC Inverter technology. Make it even more efficient by taking advantage of the system's ECO mode. This lowers energy consumption during periods of lesser heat load, such as when away from home or when sleeping at night.



## Easy Operation, Year-Round Performance

Access all of the various functions and features of your Pioneer mini split from the couch with just one hand. With our widest range of BTU capacities, the WYT-20 Inverter+ product lineup provides a solution at every room and price-point. And with its reliable reversible heat pump, you get one system that truly does it all.



## I FEEL Mode - To Ensure Comfort

Bring the thermostat to you with I FEEL mode. Your system adjusts based on the temperature near the remote, always keeping your favorite spot just right. Get cooling or heating that's tuned to where you sit, not where the unit hangs, with Pioneer's Diamante Pro series.

## Product Specifications (110/120V Systems)

System Set Model Number		WYT009ALS120RL	WYT012ALS120RL
Cooling Capacity (Range)	BTU/hr	9000 (2050-11250)	12000 (3400-13000)
SEER2 Efficiency	BTU/W-h	19.0	20.0
EER2 Efficiency	BTU/W-h	11.7	10.5
Rated Input (Cooling)	W	750	1050
Heating Capacity (Range)	BTU/hr	10000 (2050-12200)	12000 (3400-13900)
HSPF2 (IV) Efficiency	BTU/W-h	9.5	9.5
Coefficient of Performance (COP)	W/W	3.81	3.41
Rated Input (Heating)	W	750	1030
Indoor Unit Part Number		WT009ALS120HLF	WT012ALS120HLF
Indoor Unit Dimensions (WDH)	inches	31-7/8 x 8 x 11-1/2	31-7/8 x 8 x 11-1/2
Indoor Air Circulation (Turbo/Hi/Med/Lo/Mute)	CFM	342/270/235/200/152	342/270/235/200/152
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	42/40/35/30/28	45/42/35/30/28
Recommended Application	Sq.Ft.	100 - 350	200 - 450
Outdoor Unit Part Number		YN009ALS120RPF	YN012ALS120RPF
Outdoor Unit Dimensions (WDH)	inches	31 x 11-1/2 x 19-3/8	31 x 11-1/2 x 19-3/8
Power Supply	V/Ph/Hz	110-120/1/60	
Sound Level	dB(A)	54	55
Energy-Star	Yes/No	Yes	No
Energy-Star Cold Climate	Yes/No	Yes	No
Ambient Operating Range (Cooling)	*F	5 - 122	
Ambient Operating Range (Heating)	*F	-4 - 86	

## Product Specifications (208~230V Systems)

System Set Model Number		WYT009GLS120RL	WYT012GLS120RL	WYT018GLS120RL	WYT024GLS120RL	WYT030GLS120RL	WYT036GLS120RL
Cooling Capacity (Range)	BTU/hr	9000 (2050-10900)	12000 (3400-13000)	18000 (4090-18400)	24000 (5100-2200)	31500 (7500-36000)	36000 (7500-36000)
SEER2 Efficiency	BTU/W-h	20.0	20.0	21.0	21.0	19.0	19.0
EER2 Efficiency	BTU/W-h	12.0	11.2	10.5	10.5	9.0	9.0
Rated Input (Cooling)	W	750	1050	1700	2080	3370	3850
Heating Capacity (Range)	BTU/hr	10000 (2050-12200)	12000 (3400-13900)	18000 (4090-19000)	24000 (5100-25900)	33000 (7500-36000)	36000 (7500-36000)
HSPF2 (IV) Efficiency	BTU/W-h	10.0	9.5	9.5	9.5	9.0	9.0
Coefficient of Performance (COP)	W/W	3.81	3.41	3.41	3.41	3.15	3.15
Rated Input (Heating)	W	750	1030	1530	1800	3070	3350
Indoor Unit Part Number		WT009GLS120HLF	WT012GLS120HLF	WT018GLS120HLF	WT024GLS120HLF	WT030GLS120HLF	WT036GLS120HLF
Indoor Unit Dimensions (WDH)	inches	31-7/8 x 8 x 11-1/2	31-7/8 x 8 x 11-1/2	39-3/4 x 9 x 12-3/8	46-7/8 x 10-1/4 x 14-1/4	46-7/8 x 10-1/4 x 14-1/4	46-7/8 x 10-1/4 x 14-1/4
Indoor Air Circulation (Turbo/Hi/Med/Lo/Mute)	CFM	342/270/235/200/152	342/270/235/200/152	617/575/511/411/382	847/705/588/470/412	847/705/588/470/412	847/705/588/470/412
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	43/41/36/31/29	45/42/35/30/28	49/47/42/37/32	52/50/44/38/36	52/49/43/38/36	52/49/43/38/36
Recommended Application	Sq.Ft.	100 - 350	200 - 450	400 - 650	600 - 950	700 - 1100	800 - 1300
Outdoor Unit Part Number		YN009GLFI19RPE	YN012GLFI19RPE	YN018GLFI19RPE	YN024GLFI19RPE	YN030GLFI19RPE	YN036GLFI19RPE
Outdoor Unit Dimensions (WDH)	inches	31 x 11-1/2 x 19-3/8	31 x 11-1/2 x 19-3/8	34 x 13-3/4 x 23-3/4	36-1/2 x 14-7/8 x 27-1/2	38-1/2 x 16-1/2 x 31-5/8	38-1/2 x 16-1/2 x 31-5/8
Power Supply	V/Ph/Hz	208-230/1/60					
Sound Level	dB(A)	54	55	55	58	63	63
Energy-Star	Yes/No	No					
Energy-Star Cold Climate	Yes/No	No					
Ambient Operating Range (Cooling)	*F	5 - 122					
Ambient Operating Range (Heating)	*F	-4 - 86					



# WYT-FA Quantum Fresh



## Ductless Single-Zone Wall-Mounted Fresh Air Mini Split Heat Pump

Replenishing o Intelligent o Synchronized



### Included Features ▶

### Optional Add-Ons ▶



DC Inverter



Self Diagnostics



IFEEL Mode



46°F Setting



Sleep Mode



Weekly Schedule Programming



Built-In Voice Assistant



Selectable Kit Length



Emergency Auto-Restart



Cooling at 5°F



Self-Cleaning Operation



TURBO Mode



Mute Function



Gentle Wind Function



ECO Mode



Wi-Fi Control



Fresh Outside Air Supply



## Gentle Wind Air Distribution

If direct air drafts are a concern - fear no more! With Quantum Fresh, the system was redesigned to fit our latest Gentle Wind air blade dampeners. Airflow is passed through the microchannel holes and (like a strainer) simply seeps into the room, enveloping the occupants with fresh cool air, without any harsh wind feeling.



## Built-In Voice Assistant

Included with purchase is an intelligent voice assistant, which can be commanded through the prompt - Hey Alpha! Change the temperature, direct airflow, and cycle through modes without having to use your phone or remote. And the best part is that no internet is needed - you can use Alpha anywhere/anytime (can be disabled).



## High-Density Air Particle Filtration

Breathe easy with significantly improved air quality, thanks to the combination of an ultrafine screen filter plus 3 additional layers of air filtration. Eliminate pollen, molds, and bacteria while deodorizing the return air at the same time. And when combined with the self-clean cycle which strips the fins of built-up debris and drains it away, you can be sure that both the air you breathe and the air conditioner itself will remain clean and clear.



## Fresh Air Delivery - With No Additional Alterations

Pioneer's Quantum Fresh delivers fresh and clean outside air, with a selectable 10% fresh air intake, all while not needing any unusual or complicated modifications from typical fresh air solutions. Standard solutions require additional home modifications, such as an additional wall hole to pull in fresh air through, or a larger wall hole for concentric airflow. Quantum Fresh was designed specifically to easily retrofit into existing mini split installation instances.

## Product Specifications

<b>System Set Model Number</b>		<b>WYT012GLUI25FV</b>
Cooling Capacity (Range)	BTU/hr	12000 (3,000-15000)
SEER2 Efficiency	BTU/W-h	24.0
EER2 Efficiency	BTU/W-h	13.0
Rated Input (Cooling)	W	930
Heating Capacity (Range)	BTU/hr	13100 (3000-13600)
HSPF2 (IV) Efficiency	BTU/W-h	9.5
Coefficient of Performance (COP)	W/W	4.2
Rated Input (Heating)	W	910
<b>Indoor Unit Part Number</b>		<b>WT012GLUI25FVQ</b>
Indoor Unit Dimensions (WDH)	inches	36-1/4 x 8-1/8 x 12-1/4
Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	440/410/380/230/150 (Fresh Air Volume: 18 CFM)
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	44/43/37/32/30
Recommended Application	Sq.Ft.	200 - 500
<b>Outdoor Unit Part Number</b>		<b>YN012GLUI25RPQ</b>
Outdoor Unit Dimensions (WDH)	inches	31-7/8 x 12 x 21-5/8
Power Supply	V/Ph/Hz	208-230/1/60
Sound Level	dB(A)	53
Energy-Star	Yes/No	Yes
Energy-Star Cold Climate	Yes/No	Yes
Ambient Operating Range (Cooling)	*F	5 - 122
Ambient Operating Range (Heating)	*F	-4 - 86



# DYC-18 Vertex+™ Central-Split

Ducted Whole-Home Central Split Heat Pump with 24V/RS485

Powerful ◦ Dynamic ◦ Advanced



## Included Features ▶

- DC Inverter
- Self Diagnostics
- Works with Any 24V Thermostat
- Communicating Condenser+AHU
- Emergency Auxiliary Heater
- Emergency Auto-Restart
- Cooling at 5°F
- Variable-Speed AHU Fan Motor
- Super-Strong Static Pressure
- Downflow Convertible

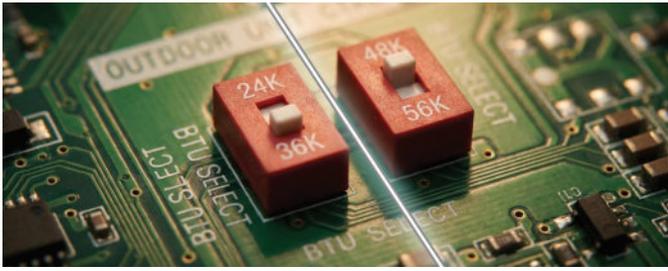
## Included Accessories ▶

RS485 Thermostat



Selectable kW Heater





## Switchable BTU Capacity Condenser

For the utmost versatility, the 4 capacities of Vertex are trimmed down to using just 2 unique condenser models, thanks to the dip-switches that allow for BTU capacity switching between 24,000 and 36,000 BTU, and 48,000 and 56,000 BTUs.



## Ultra-Flexible Lineset Routing

When it comes to connecting the outdoor condenser to the indoor air handler, Pioneer's DYC-18 series offers an industry-leading allowability for both difference in height (50 Ft) as well as total length of run (100 Ft).

## Configurable as Both Upflow or Downflow



## Product Specifications

System Set Model Number		DYC024GCSI18RD	DYC036GCSI18RD	DYC048GCSI18RD	DYC060GCSI18RD
Cooling Capacity (Range)	BTU/hr	24000 (13500-31400)	34000 (22300-41900)	47500 (32900-57300)	55500 (37600-67400)
SEER2 Efficiency	BTU/W.h	20.0	18.6	17.5	17.0
EER2 Efficiency	BTU/W.h	13.3	11.7	11.3	10.0
Rated Input (Cooling)	W	1819 (Outdoor) + 249 (Indoor)	2864 (Outdoor) + 373 (Indoor)	4145 (Outdoor) + 560 (Indoor)	5549 (Outdoor) + 560 (Indoor)
Heating Capacity (Range)	BTU/hr	24000 (10200-35900)	34200 (12600-48900)	48000 (15200-65500)	57000 (18000-72500)
HSPF2 (IV) Efficiency	BTU/W.h	9.4	9.0	9.0	8.6
Coefficient of Performance (COP)	W/W	3.61	3.07	3.18	3.04
Rated Input (Heating)	W	1954 (Outdoor) + 249 (Indoor)	2997 (Outdoor) + 373 (Indoor)	3580 (Outdoor) + 560 (Indoor)	4900 (Outdoor) + 390 (Indoor)
Air Handling Unit Part Number		DC024GCSICDHRT	DC036GCSICDHRT	DC048GCSICDHRT	DC060GCSICDHRT
Indoor Unit Dimensions (WDH)	inches	19-5/8 x 22 x 45-3/4	19-5/8 x 22 x 45-3/4	22 x 24 x 53-1/8	22 x 24 x 53-1/8
Airflow (High / Low)	CFM	690 / 600	920 / 730	1500 / 1205	1500 / 1205
Sound Level (High / Low)	dB(A)	51 / 48	52 / 49	59 / 55	59 / 55
External Static Pressure (Range)	in. w.g.	0.0-0.60	0.0-0.60	0.0-0.60	0.0-0.60
Electric Heater Size (Default)	kW	5	10	10	10
Communication Protocol	Type	Standard 24V Thermostat / RS485 Communications Digital Controller / Wireless Internet Accessible			
Outdoor Unit Part Number		YD2436GCSI18RD		YD4860GCSI18RD	
Outdoor Unit Dimensions (WDH)	inches	29-1/8 x 29-1/8 x 25		29-1/8 x 29-1/8 x 32	
Power Supply	V/Ph/Hz	208-230/1/60			
Sound Level	dB(A)	76	79	76	79
Energy-Star	Yes/No	Yes	Yes	Yes	No
Energy-Star Cold Climate	Yes/No	Yes	Yes	Yes	No
Ambient Operating Range (Cooling)	°F	5 - 131			
Ambient Operating Range (Heating)	°F	-4 - 86			



## Better Comfort, Better Efficiency

The DYC-18 series features a twin-rotary inverter-type compressor that can adjust output levels between 25% and 110%, to perfectly heat and cool your home while drawing minimal energy. This technology is also featured in the system's computer board to assist in capacity adjustment, and keep the home at your desired temperature without fluctuations.



## More Uniform Room Temperatures

With a powerful static pressure output of up to 0.6 inches w.c., you can be assured that the system will quickly move air to minimize differences in air temperature throughout the home.

## Wide Operation Ambient Temperature Range





# REC RV Packaged Heat Pump

- Under-Bench Inverter Heat Pump (PYR)
- Rooftop Inverter Heat Pump (PYZ)



2026 A2L Versions w/ DC Inverter Tech and Built-In Wi-Fi (Airlink Ready)

## Included Features ▶



DC Inverter



Wi-Fi Enabled (Pioneer Airlink)



Weekly Scheduling



Timer Function



ECO Mode



Voice Control

## Included Accessories ▶



Handheld Remote



Decorative Grille



Wired Controller

PYR  
PYZ



Decorative Inside Panel



Handheld Remote

## Optional Accessories ▶



3x Air Outlet + 33'  
Duct Hose Kit

PYR

## PYZ Rooftop System



### Explore the Open Road Like Never Before

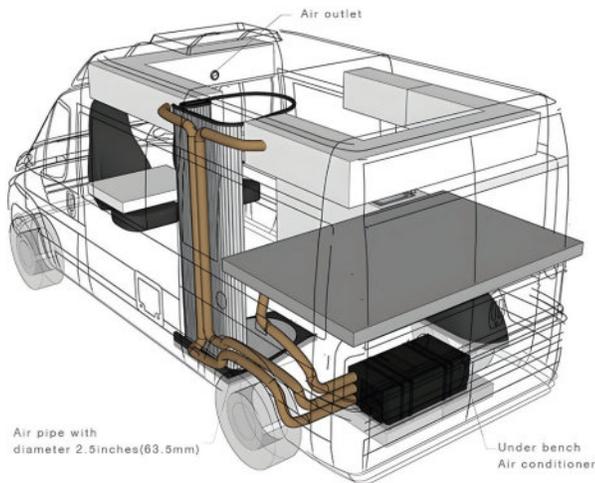
By offering 13,500 BTUs of efficient heating and cooling and a 28~109°F outdoor ambient operational temperature range, the Pioneer REC series PYZ series heat pump covers the needs of most recreational vehicles and travel destinations. And since the power draw is minimal at under 1.5 kW for both heating and cooling modes, it can be easily ran off solar panels and/or batteries throughout the night.



### Multiple Methods of Easy Control

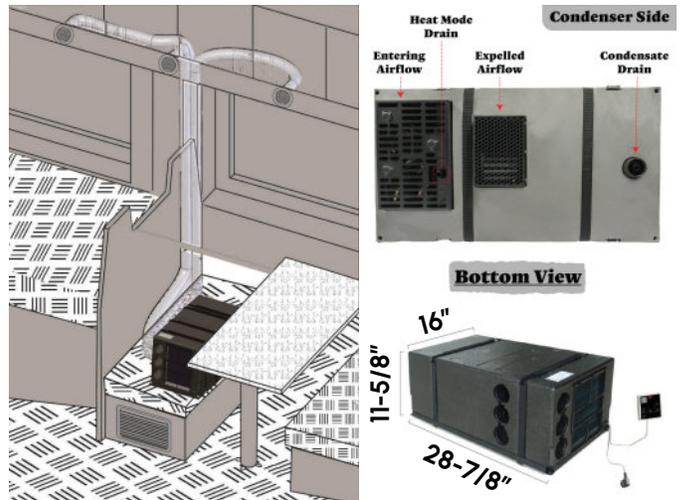
Not only is the system easily powered with its 115V voltage electrical supply, but it's also easily controlled, with 3 options for controlling the system. The handheld remote can be used out of the box for simple interfacing, or connect the system to the internet via the free Pioneer Airlink app and use your phone instead. All systems that connect to the app can be controlled by your voice assistant as well.

## PYR Under-Bench System



### Versatile and Perfect for Retro-Fits

The one-of-a-kind Pioneer PYR series under-bench heat pump provides a solution for vehicles with limited space in the roof or cabin. This serves as an alternative to the standard rooftop system and frees up space up top, which provides great benefits like being able to add more solar panels to the RV roof. The system is rugged and non-intrusive, and only minor modifications to the vehicle bed are needed for full functionality.



### Compact Size and Easily Concealed

With a durable design and easily-accessed filters, you can be sure that this unit will accompany you on your adventures for years to come. Its small footprint and light power-draw minimize the load on your vehicle, with just a standard 115V outlet needed. The multiple air outlets, quiet performance, and simple shape allow you to easily mount and hide your system in your preferred location, such as under a row seat or a bench.

## Product Specifications

Model Number	Voltage (V)	Package Unit Dimensions (LxDxH, in.)	Operational Temp. Range (Outdoor Ambient)	Rated Output Capacity		Efficiency Ratings		Noise Level	Net Weight
				BTU (Cooling)	BTU (Heating)	EER2	C.O.P.		
PYR009AZUDCIPD	110/120	28-7/8 x 16 x 11-5/8	19 ~ 104°F	2950-10000	2730-9500	10.1 BTU/W.h	3.50 W/W	<40 dB	61 lbs
PYZ012AZUDCIPD	110/120	41-5/8 x 29 x 10	28 ~ 109°F	4050-13500	4050-13500	9.0 BTU/W.h	3.04 W/W	57 dB	92.6 lbs



# ERV ECOasis 50 / 150

## Wall-Mounted Energy Recovery Ventilators

Revitalizing • Freshening • Invigorating



### Included Features ▶



Multi-Unit Pairing



High-Density Air Filtration



Air Quality Monitoring



Ultra-Silent Operation



Super-Simple Installation



Smartphone App Control



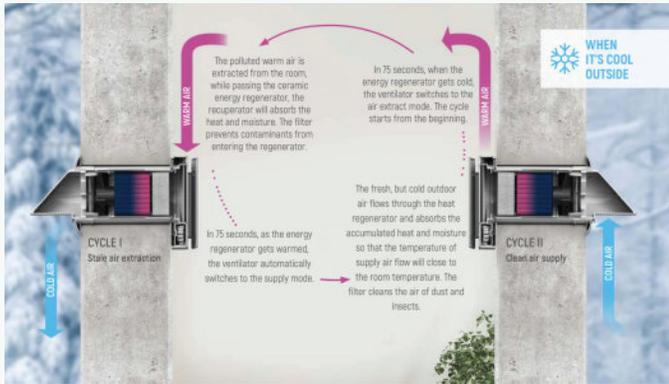
Extreme Mold Prevention



High Efficiency DC-Driven Motor

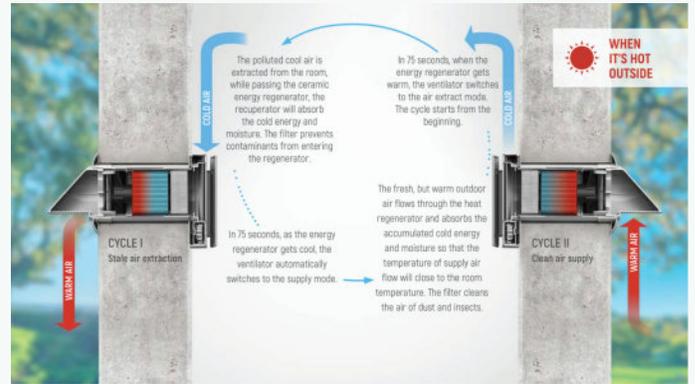


Superior Heat & Humidity Recovery



### Excellent Winter-Time Heat Recovery

During cold ambient weather, the ventilator operates in heat recovery mode, and with just two cycles can save energy by over 30% compared with a normal exhaust fan. The heat recovery efficiency is also up to 97% when the air first enters the heat regenerator. This both results in outstanding recovery of energy in the room, and a reduction in load on the heating system during the winter season.



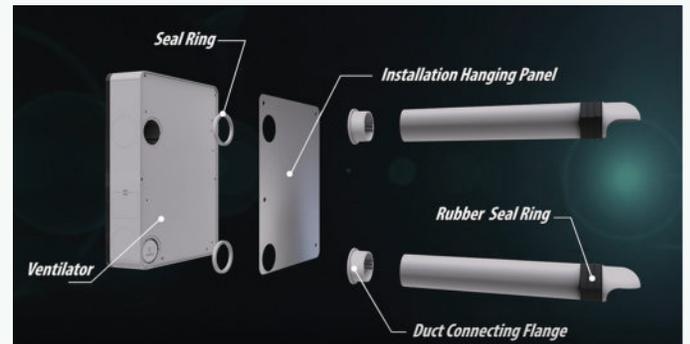
### Superb Summertime Conditioned Air Retention

In the hot summer season, the ventilator operates in heat recovery mode with the same dual cycles reversed. Two units can intake and exhaust air simultaneously to achieve totally balanced ventilation. This increase the indoor room comfort and makes ventilation much more effective. The heat and humidity in the room can be recovered while ventilating, and the load on the home cooling system is drastically reduced in summer.



### High-Efficiency Heat Recovery and Air Filtration

Pioneer's ERV system utilizes a crossflow heat exchanger and dual-sided air circulation to simultaneously freshen and recover room air that would otherwise become stale and be susceptible to heat losses. The system utilizes minimal energy to capture the freshness of the outside air and deposit it into the room, all the while decreasing the load on the home heating or conditioning system, skyrocketing your overall home efficiency.



### Intelligent Design & Simple Installation

The system offers multiple modes of highly effective air treatment, and is able to continuously monitor home CO<sub>2</sub> levels. With four levels of high density filtration and a powerful 8-speed DC motor, you can be sure that only the freshest air will be found in your home. The system is also super easy to install, with both side and rear mounting options, and only minimal modification needed to the home for the air exchange ducts.

### Product Specifications

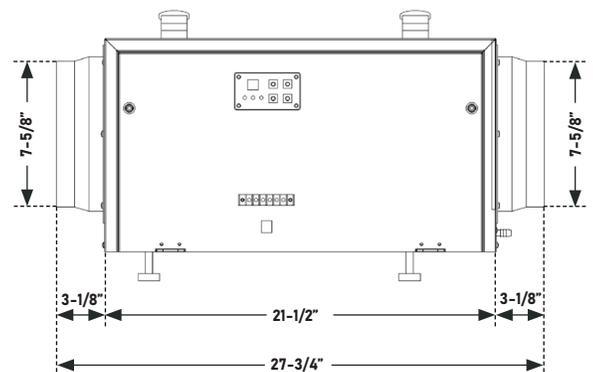
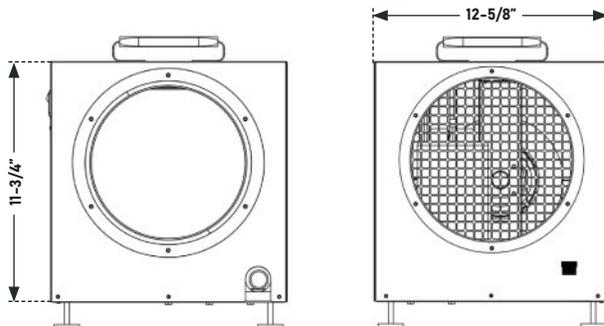
Product Model Number		ERV050AHRMC02L (CO2)	ERV150AHRPM25L (CO2 + PM2.5)
Mounting	Type	Wall-Mounted	
Efficiency	%	97 (Regeneration)	99 (Filtration) / 82 (Heat Recovery)
Filter Type	Rating	MERV11 + Prefilter	Primary + HEPA + PM2.5
Input Power	W	8	35
Suggested Room Size Per Unit	Sq.Ft	Up to 300	200 - 500
Ingress Protection Rating	-	IPX4	IPX2
Unit Dimensions (WDH)	inches	9-3/8 x 19-3/8 x 10-3/8	17-3/4 x 6-1/8 x 26
Airflow	CFM	29.4 (Supply/Exhaust) / 15 (Regen) / 35 (Max)	88
Sound Level	dB(A)	32.7	36
Power Supply	V/Ph/Hz	100 ~ 240 / 1/50-60	110-120 / 1/50-60



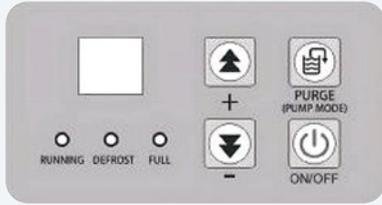
# CQC QHD070 Dehumidifier

Ducted 70 Pint/Day Whole-House Commercial-Grade Dehumidifier

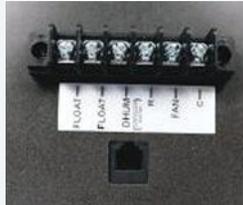
- Rated for 70 pints per day removal at 80°F/60%RH
- Automatic water pump with manual drain option
- Washable & re-usable 304 grade stainless steel filter
- Nominal 280 CFM with boost speed 35 CFM of air flow
- Wide 41 to 104°F ambient temperatures operation range
- Environmentally friendly R32 refrigerant
- 10.5' power cord (plug-type) included
- 3-year product guarantee



## Product Benefits



Easy to Use Onboard Controller with One-Touch Drain Mode



Alternative External Control Provisions



Provision for Pump Along with Manual Drain Option



Heavy Duty Carrying Handles for Ease of Transport



Durable Stainless Steel-Made High-Density Air Filter

## Application

### High Performance, Total Control, Seamless Integration

The QHD070 redefines indoor comfort and air quality for your entire home. With a 70-pint-per-day capacity at standard conditions (80°F, 60% RH), this whole-house ducted dehumidifier ensures optimal moisture removal. Its built-in water pump and manual drain option provide unmatched convenience, while the washable SUS304 filter ensures consistent airflow at 280 CFM with a boost option. The digital electronic controller offers seamless integration, remote monitoring, and compatibility with third-party controllers. Designed for durability, it operates in a wide temperature range of 41°F to 104°F with features like automatic defrost and a compressor protection timer. The QHD070 delivers reliable, balanced humidity for any space.

QHD070 DEHUMIDIFIER

**EASY to Use**  
-Multiple Methods of Control-

**PIONEER**

#### 1. Onboard Interface

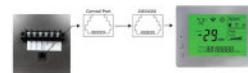


#### Standard Device Controller

Simple and direct built-in UART based interface allows the user to change operational settings and monitor system performance.

Easily change dehumidification settings, activate one-touch drainage, and view the current status of the machine.

#### 2. External Control

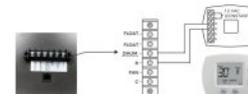


#### RJ12 / 6P6C / Modbus Protocol

Unified control via RJ12 port allows for sending of control/query commands, switching the machine on/off, setting humidity values and fan speeds.

Use your compatible controller to enable continuous dehumidification, query current temp. or humidity, and display any fault codes.

#### 3. 3rd Party Control



#### Third Party 6-Bit Connector

Connect your favorite controller through the six terminal wiring block for dehumidification, ventilation, and full water overflow protection.

Compatible with most 12 VDC humidistats such as those from Honeywell/Tromaster/Iponic.

## Product Specifications

Model Number	Voltage (V)	Package Unit Dimensions (LxDxH, in.)	Capacity			Air Volume		Rated Power Input	Net Weight
			80°F/60%RH	86°F/80%RH	90°F/90%RH	Nominal	Boost		
QHD070AUDH26WH	110/120	12-5/8 x 27-3/4 x 11-3/4	70 PPD	100 PPD	135 PPD	245 CFM	+35 CFM	747W	60 lbs

# ACCESORIES

## Supplement Your Newly Purchased Pioneer Systems

\*Full Selection Available on our Online Store and Distribution Channels.



### Floor Stand Mounting Bracket for Mini Split Condenser Units

SKU: BRK-FLR-GS-2P | BRK-FLR-GS-3P

2 Sizes Available: 150 LB and 450 LB Holding Capacities.

Elevates the outside unit by up to 18 inches off ground.

Protect your Pioneer Mini Split from snow buildup, flooding, debris, and other treacherous perils.



### Foldable Mounting Bracket for Mini Split Condensing Unit

SKU: BRK-FLD-D-2P | BRK-FLD-D-3P  
BRK-FLD-D-4P | BRK-FLD-D-5P

4 Sizes Available: 150 LB, 250 LB, 350 LB and 450 LB Holding Capacities.

Heavy Duty Galvanized Steel Wall Mounting Bracket for Condensers

Raises Pioneer Mini Split systems above the ground, improving air-flow and freeing up real estate.



### Folding Mounting Bracket for Mini Split Unit with Leveler

SKU: BRK-FRM-C-2P | BRK-FRM-C-3P  
2 Sizes Available: 250 LB and 450 LB Unit Carrying Capacities.

Heavy Duty Galvanized Steel Wall Mounting Bracket for Condensers with Additional Leveler Bar.

Offers the same benefits as the regular wall bracket while ensuring leveled mounting, and wood-based wall stud-mounting capability.



### Decorative PVC Line Cover Kit for Mini Split Air Conditioners & Heat Pumps

SKU: IKT-LCVR4P-KIT | IKT-4WID2-LVCR

2 Sizes Available: 3" and 4".

Fits 9000 BTU to 48000 BTU systems, and 1 or 2 line sets.

Covers exposed refrigerant lines for an elegant and finished appearance.



### Flexible Insulated Lineset for Mini-Split Systems - 16 Feet

SKU: FLS-1/4-3/8 | FLS-1/4-1/2  
FLS-1/4-5/8 | FLS-3/8-5/8

4 Sizes Available: In sets of 1/4"-3/8", 1/4"-1/2", 1/4"-5/8", and 3/8"-5/8".

Set of 2 High Bend-Radius Flexible Pipes with Black Rubber Insulation

Prevent kinks, avoid bending complications, and gain freedom when it comes to routing runs.



### Easy Flexible Bender Kit for Split System Copper Linesets

SKU: IKT-LNBR-1/4-3/8 | IKT-LNBR-1/4-1/2  
IKT-LNBR-1/4-5/8 | IKT-LNBR-3/8-5/8  
IKT-LNBR-FSAL

5 Sizes Available: In sets of 1/4"-3/8", 1/4"-1/2", 1/4"-5/8", and 3/8"-5/8", or an all-in-one bundle kit

Set of Durable Filament Bending Mandrels in 13 ft. length.

Simplify and smoothly bend soft copper linesets without risk of kink.



### KWIK-E-VAC Line Flushing Kit Installation Simplifier for Mini Split AC Heat Pump Systems

SKU: IKT-KEV-10-S16

Patented Quick-Connect Alternative.

Flush the air and other non-condensable gases out of the copper line set and indoor unit.

Eliminates the need for drawing a vacuum during installation.



### UVC Bacterial Disinfection Kit for Mini Split Systems

SKU: IKT-UVL32UL-AG

Compatible with both 120V and 240V mini split systems, with a cut-to-length design application.

Prevents bio-growth and odors on fan, coil, and other surfaces via UVC.

Universally compatible UV LED strip with a 50,000+ hour lifespan.



### Condensate Pump for Mini Split Ductless Heat Pump Air Conditioners, Multi Voltage

SKU: CP-RE-MWP-06

Fully Potted Mute-Box Design.

Universal compatibility with any mini split of both 120V and 240V.

Lifts condensate water up to 65 feet to final drain point, and also serves as a backup shutoff alarm switch.



### Weekly Programmable Wired Controller for Mini Splits

SKU: TST-WPT-540L

Compatible with all R454B based mini split and LCAC systems.

Wall-mounted Wired Controller with Highly Legible LCD Screen.

Enables scheduling and reliable configuration along with a built-in infrared receiver for commands.



### EliteGuard™ Outdoor Metal Shelter for Mini Split Condensing Units

SKU: BRK-RFA-MS-2P | BRK-RFA-MS-3P

Versatile for Most Equipment and Adaptable to Most Wall Types

Roof provides Utmost Protection For Your Investment

Galvanized Steel Construction, Epoxy Resin Powder Coating, UV Resistant Durability



### Internet Access and Control Modules for Mini Splits, with Free Smartphone App

SKU: TST-DIAWIFITPD | TST-APWIFIMUSB  
TST-LCACWIFIKP

Available for Quantum Series and Diamante Pro Systems.

Monitor temperatures and set schedules from the comfort of your couch with Pioneer's phone app.

Provides full control of your system from anywhere in the world.