Making the World A More Comfortable Place to Live Since 1995...



Join the PIONEER Movement Today.



PIONEER is a registered trademark of Parker Davis HVAC Intl., Inc.













INTERNATIONAL

2024-2025

**Product Collections** Climate Control Apparatus



At Parker Davis HVAC International, we are committed to pioneering the transition to high-efficiency environmental control technology, and fostering a global shift toward sustainable living environments.

Our mission is to demystify HVAC technology, making efficient and refreshing air accessible to all, while driving innovation for a more comfortable world.

We are dedicated to delivering excellence in climate management solutions, ensuring that every individual can experience the comfort that comes from sustainable, high-performance air treatment.



Equipment to 25+ Countries Worldwide











A Rapidly Growing Fully In-House Team

# Find Us At These Fine Retailers:





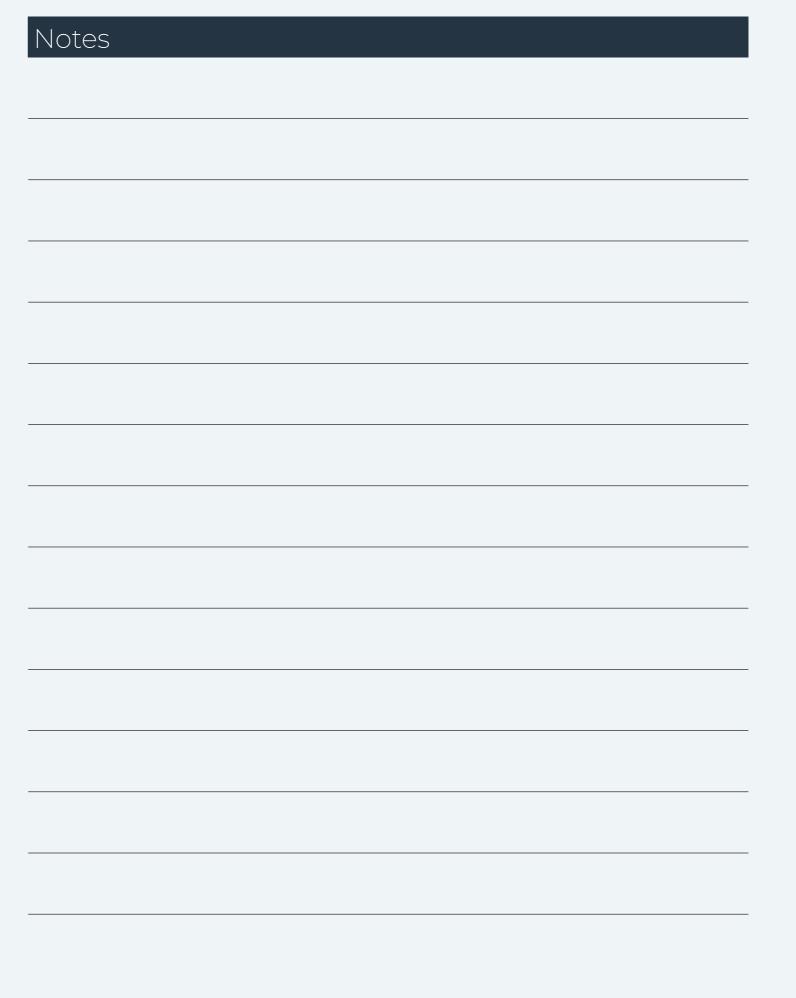












# 2024 | Product Lineup

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

Series	Voltage	Туре	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
WYS-20	110-120V	Single-Zone DC Inverter+	9000, 12000, 18000 24000, 30000, 36000	17.5 ~ 21.7	5		6-7
WYS-22	208~230V		9000, 12000 18000, 24000	21 ~ 24	Ductless   High Wall		8-9
CYB-22			9000, 12000, 18000 24000, 36000, 48000	18.5 ~ 22.7			10-11
CYK-22		Single-Zone	9000, 12000, 18000	21.8 ~ 22.5	Ductless   Ceiling		12-13
UYB-22	200 0701	DC Inverter++	18000, 24000 36000, 48000	18.9 ~ 23	Ductless   Floor-Ceiling		14-15
FYB-22	208~2300		12000, 18000	22.4 ~ 22.7	Ductless   Floor		16-17
RYB-22			9000, 12000, 18000 24000, 36000, 48000	15.1 ~ 21.5	Ductable   Concealed		18-19
YN-M22		Multi-Zone DC Inverter++	18000 (2), 27000 (3) 36000 (4) , 48000 (5)	21 ~ 23.5	Universal Compatibility	0 0 0	20-21

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

Series	Voltage	Туре	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
WYT-19	110-120V	Single-Zone DC Inverter+	9000, 12000, 18000 24000, 36000	19			24-25
WYT-22	208~230V	Single-Zone DC Inverter++	9000, 12000 18000, 24000	20 ~ 23.5	Ductless   High Wall		26-27
YN-L22	208~230V	Multi-Zone DC Inverter++	18000 (2), 26000 (3) 35000 (4), 42000 (5)	21.5 ~ 24.5		0	28-29

# Hyperformance Series Product Line | Single-Zone Mini Split Hyper Heat Pumps (Ductless)

	Series	Voltage	Туре	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
1	WYF-25	208~230V	Single-Zone DC Inverter++	9000, 12000 18000, 24000	20 ~ 25.5	Ductless   High Wall	and the second	30-31

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

Series	Voltage	Туре	BTU Capacities	SEER2 Efficiency	Mounting Type	Appearance	Page
DYR	208~230V	DC Inverter+	24000, 36000 48000, 56000	16.5 ~ 18	Ducted   Central	8	32-33

# Specialty Solutions Product Family | Niche Application Climate Systems

Series	Voltage	Туре	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		34-35
ERV	110~240V	Energy-Recovery Ventilator	30 CFM 235 CFM	99% Filtration 82~97% Heat Recovery	Wall-Recessed Wall-Flush	PI	36-37

# **QUANTUM SERIES**

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

# FAMILY INTRODUCTION

Single-Zone

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



WYS-20 Inverter+ | WYS-22 Inverter++



# FAMILY INTRODUCTION Single-Zone

Multi-Zone

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

CYB-22



8-Way Ceiling Cassette

CYK-22



1-Way Ceiling Cassette

RYB-22



FYB-22



Floor-Mount Console

UYB-22



Floor-Ceiling Flex-Mount

YN-M22



Multi-Zone Free-Match



# WYS-20 Quantum Inverter+

# Wall-Mounted Ductless Mini Split DC Inverter Heat Pumps

Balanced ♦ Versatile ♦ Elegant









Optional Add-Ons ▶





































## Easy Operation, Easy Maintenance

Access all of the various functions and features of your Pioneer mini split from the couch with just one hand. Maintenance of your system is as easy as a seasonal change of the washable and reusable high-density anti-dust air filters.

# \*)

## 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 unit's ECO mode. This lowers energy consumption during periods of lesser heat load, such as when away from home or sleeping at night.

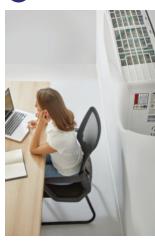
# **Product Specifications (110/120V Systems)**

System Set Model Number		WYS009AMFI20RL	WYS012AMFI20RL	
Cooling Capacity (Range)	BTU/hr	9000 (2650~10300)	12000 (4300~12600)	
SEER2 Efficiency	BTU/W·h	21.5	20.8	
EER2 Efficiency	BTU/W·h	12.5	10.3	
Rated Input (Cooling)	w	720 (245~950)	1168 (150~1250)	
Heating Capacity (Range)	BTU/hr	10000 (2700~10500)	12000 (4000~12500)	
HSPF2 (IV) Efficiency	BTU/W-h	9.0	8.7	
Coefficient of Performance (COP)	W/W	2.93	3.13	
Rated Input (Heating)	w	1000 (220~1200)	1122 (230~1085)	
Indoor Unit Part Number		WS009AMFI20HLD	WS012AMFI20HLD	
Indoor Unit Dimensions (WDH)	inches	28-1/2 x 7-3/8 x 11-3/8	31-1/2 x 7-3/8 x 11-5/8	
Airflow (Turbo/Hi/Med/Lo)	CFM	282 / 247 / 182 / 129	341 / 309 / 206 / 176	
Sound Level (Hi/Med/Lo)	dB(A)	36 / 31 / 22	41 / 31 / 26	
Recommended Application	Sq.Ft.	100 ~ 350	200 ~ 450	
Outdoor Unit Part Number		YN009AMFI20RPD	YN012AMFI20RPD	
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	
Power Supply	V/Ph/Hz	115/	1/60	
Sound Level	dB(A)	54	55	
Energy-Star	Yes/No	Yes	No	
Energy-Star Cold Climate	Yes/No	No	No	
Ambient Operating Range (Cooling)	°F	5 ~ 122		
Ambient Operating Range (Heating)	°F	5 ~	86	





# Commercial Use



With our widest range of BTU capacities, the **WYS-20 Inverter+** product lineup provides a solution at every room size and price-point.

# Product Specifications (208~230V Systems)

System Set Model Number		WYS009GMFI20RL	WYS012GMFI20RL	WYS018GMFI20RL	WYS024GMFI20RL	WYS030GMFI20RL	WYS036GMFI20RL	
Cooling Capacity (Range)	BTU/hr	9000 (2900~10200)	12000 (3800~12850)	18000 (3900~20000)	24000 (6704~25300)	30000 (7200~31600)	36000 (8900~36300)	
SEER2 Efficiency	BTU/W·h	21.7	21.4	19	18	18.6	17.5	
EER2 Efficiency	BTU/W·h	12.6	10.8	10.5	9	10.5	8.5	
Rated Input (Cooling)	w	710 (220~900)	1095 (239~1288)	1715 (180~1840)	2665 (300~2952)	2855 (290~3180)	4256 (250~3620)	
Heating Capacity (Range)	BTU/hr	10000 (2400~10900)	12000 (2730~12500)	18800 (6300~19900)	24000 (6900~28100)	30000 (10600~32500)	36000 (11400~37800)	
HSPF2 (IV) Efficiency	BTU/W·h	9.1	9.1	8.7	8.6	8.7	8.7	
Coefficient of Performance (COP)	W/W	3.29	3.23	2.93	3.03	2.71	2.47	
Rated Input (Heating)	w	890 (190~1120)	1090 (376~1157)	1883 (375~2065)	2320 (430~2837)	3250 (690~3560)	4270 (700~4185)	
Indoor Unit Part Number		WS009GMFI20HLD	WS012GMFI20HLD	WS018GMFI20HLD	WS024GMFI20HLD	WS030GMFI20HLD	WS036GMFI20HLD	
Indoor Unit Dimensions (WDH)	inches	28-1/2 x 7-3/8 x 11-3/8	31-1/2 x 7-3/8 x 11-5/8	38 x 8-1/2 x 12-1/2	42-1/2 x 8-7/8 x 13-1/8	49-5/8 x 11-1/8 x 14-1/4	49-5/8 x 11-1/8 x 14-1/4	
Airflow (Turbo/Hi/Med/Lo)	CFM	309 / 259 / 193 / 136	359 / 317 / 207 / 143	450 / 388 / 259 / 217	706 / 588 / 450 / 353	823 / 794 / 617 / 470	882 / 732 / 517 / 400	
Sound Level (Hi/Med/Lo)	dB(A)	40 / 30 / 24	37 / 30 / 22.5	44/34/30	45 / 39 / 35	51 / 47 / 44	56 / 54 / 40	
Recommended Application	Sq.Ft.	100 ~ 350	200 ~ 450	400 ~ 650	600 ~ 950	800 ~ 1100	900 ~ 1350	
Outdoor Unit Part Number		YN009GMFI20RPD	YN012GMFI20RPD	YN018GMFI20RPD	YN024GMFI20RPD	YN030GMFI20RPD	YN036GMFI20RPD	
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	31-5/8 x 13 x 21-7/8	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 x 31-7/8	
Power Supply	V/Ph/Hz			208~2	30/1/60			
Sound Level	dB(A)	53	55	57	60	60	64	
Energy-Star	Yes/No	Yes	No	No	No	No	No	
Energy-Star Cold Climate	Yes/No	No	No	No	No	No	No	
Ambient Operating Range (Cooling) °F			5 ~ 122					
Ambient Operating Range (Heating)	°F		5 ~ 86					



# WYS-22 Quantum Inverter++

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

Silent ◊ Ecological ◊ Streamlined













Optional Add-Ons ▶





































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

Pioneer®'s Inverter++™ WYS-22 series offers everything from WYS-20 Inverter+ and more, with full <code>Energy-Star®</code> certification, much quieter indoor airflow output, and upgraded heat pump technology that allows for low-ambient heating in cold-climate temperatures as low as -13°F.



- -13°F Low-Ambient Heating
- ✓ 122°F High-Ambient Cooling
- ✓ Dead Silent Operation
- Ultra High Quality Components

# A Year-Round Master of All Modes





Cooling







Ventilation

Dehumidification



As Peacefully Quiet as 21 dB Inside...

System Set Model Number		WYS009AMFI22RL	WYS012AMFI22RL	WYS009GMFI22RL	WYS012GMFI22RL	WYS018GMFI22RL	WYS024GMFI22RL
Cooling Capacity (Range)	BTU/hr	9000 (3500~11300)	12000 (3500~12150)	9000 (3548~11400)	12000 (3536~12931)	18000 (9935~20000)	24000 (9200~25000)
SEER2 Efficiency	BTU/W·h	22.7	22.7	24	23.1	23.7	21.0
EER2 Efficiency	BTU/W·h	12.5	12.5	14	12.5	13.5	12.5
Rated Input (Cooling)	w	800 (280~1025)	960 (320~1076)	643 (238~1013)	960 (240~1182)	1333 (770~1732)	1920 (740~2002)
Heating Capacity (Range)	BTU/hr	10000 (3700~12500)	12000 (4600~12904)	10000 (3976~12477)	12000 (3747~12550)	18000 (6615~21000)	26000 (10350~26410)
HSPF2 (IV) Efficiency	BTU/W·h	10	10	11.4	9.3	10.3	9.0
Coefficient of Performance (COP)	W/W	3.40	3.38	3.80	3.50	3.74	3.05
Rated Input (Heating)	w	910 (243~1080)	1040 (243~1152)	772 (211~1185)	1006 (195~1368)	1410 (494~1805)	2500 (995~2240)
Indoor Unit Part Number		WS009AMFI22HLE	WS012AMFI22HLE	WS009GMFI22HLE	WS012GMFI22HLE	WS018GMFI22HLE	WS024GMFI22HLE
Indoor Unit Dimensions (WDH)	inches	31-1/2 x 7-3/8 x 11-5/8	42-1/2 x 8-7/8 x 13-1/4	42-1/2 x 8-7/8 x 13-1/4			
Airflow (Turbo/Hi/Med/Lo)	CFM	341 / 306 / 212 / 147	341 / 306 / 212 / 147	294 / 265 / 206 / 141	323 / 306 / 212 / 147	706 / 471 / 353 / 294	729 / 618 / 471 / 324
Sound Level (Hi/Med/Lo)	dB(A)	37 / 28 / 22	37 / 28 / 22	37 / 30 / 21	37 / 30 / 22	43 / 35 / 30	47 / 42 / 32
Recommended Application	Sq.Ft.	100 ~ 350	200 ~ 450	100 ~ 350	200 ~ 450	400 ~ 650	600 ~ 950
Outdoor Unit Part Number		YN009AMFI22RPE	YN012AMFI22RPE	YN009GMFI22RPE	YN012GMFI22RPE	YN018GMFI22RPE	YN024GMFI22RPE
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 11-7/8 x 21-7/8	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8			
Power Supply	V/Ph/Hz	115/	1/60		208~23	30/1/60	
Sound Level	dB(A)	54	54	55	54	59	61
Energy-Star	Yes/No			Y	es	<u> </u>	
Energy-Star Cold Climate	Yes/No	Yes	Yes	Yes	No	Yes	No
Ambient Operating Range (Cooling)	°F						
Ambient Operating Range (Heating)	°F		-13 ~ 86				



# CYB-22 Quantum Inverter++

# Eight-Way Ceiling Recessed Cassette Mini Split Heat Pump

Compact ♦ Subdued ♦ Adept















# **Included Features** ▶















Optional Add-Ons ▶

















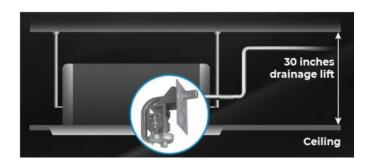






# 8-Way, 360° Airflow

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 air delivery.



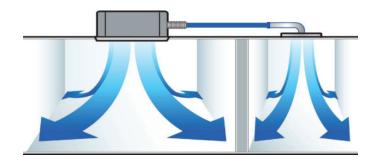
#### **Built-in Drain Pump**

Every cassette includes a condensate pump that is capable of vertically lifting drainage water up to 30 inches for 9-18K models, and 40 inches for 24K and above models. This allows the user much more flexibility for routing the condensate water. The pump can be easily disabled if gravity drain is desired.



#### Fresh Air Intake

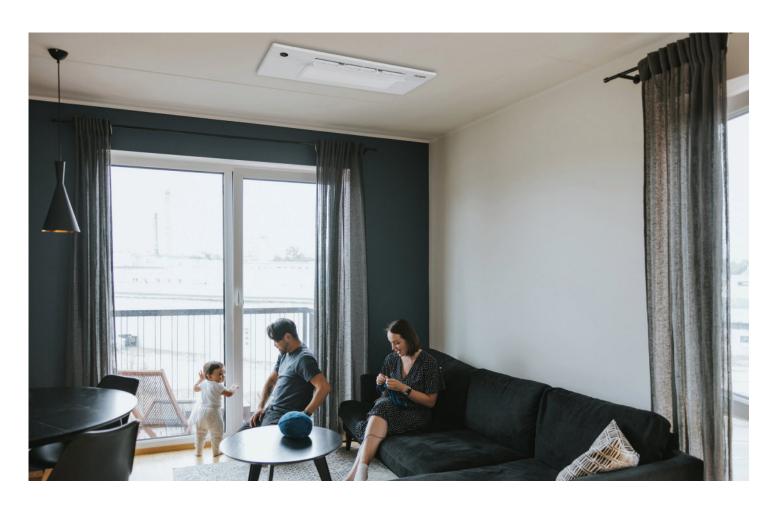
The Pioneer CYB series cassette offers a provision of fresh-air intake via an optional reserved 65-75 mm port. New outdoor air can be easily brought inside to replace stale room air.



## **Provision for Auxiliary Duct**

A great benefit of the CYB cassette system is the option for connecting a small auxiliary duct to the side of the indoor unit for cooling a small nearby room, like a closet or bathroom. This air outlet connection must be cut-out manually on the 9K-18K BTU size systems and is pre-made and reserved on the 24K BTU and above sized units.

System Set Model Number		CYB009GMFILCAD	CYB012GMFILCAD	CYB018GMFILCAD	CYB024GMFILCBD	CYB036GMFILCBD	CYB048GMFILCBD	
Cooling Capacity (Range)	BTU/hr	9000 (2970~10500)	12000 (2800~14100)	16000 (5600~16000)	24000 (8100~26200)	36000 (12400~36000)	48000 (16600~48000)	
SEER2 Efficiency	BTU/W·h	20	22.7	20.5	21.5	19.2	18.5	
EER2 Efficiency	BTU/W·h	13	14	12.5	12.5	9.4	9.5	
Rated Input (Cooling)	w	692 (182~968)	857 (174~1250)	1340 (230~1340)	1920 (320~2600)	3830 (477~4000)	5050 (650~5050)	
Heating Capacity (Range)	BTU/hr	10000 (2230~11650)	12000 (2000~14600)	19000 (7700~19000)	25000 (10600~30000)	38000 (11200~38000)	50000 (11900~52000)	
HSPF2 (IV) Efficiency	BTU/W·h	10	10	10.5	9.7	8.8	9.8	
Coefficient of Performance (COP)	W/W	3.08	3.37	2.78	3.32	3.18	3.1	
Rated Input (Heating)	w	952 (154~1134)	1045 (156~1200)	1950 (470~1950)	2210 (630~2900)	3500 (666~3700)	4730 (660~5200)	
Indoor Unit Part Number		CB009GMFILCFHD	CB012GMFILCFHD	CB018GMFILCFHD	CB024GMFILDFHE	CB036GMFILDFHE	CB048GMFILDFHE	
Indoor Unit Dimensions (WDH)	inches	22-7/16 x 22-7/16 x 10-1/4	22-7/16 x 22-7/16 x 10-1/4	22-7/16 x 22-7/16 x 10-1/4	32-5/8 x 32-5/8 x 8-1/16	32-5/8 x 32-5/8x 9-5/8	32-5/8 x 32-5/8x 11-3/8	
Airflow (/Hi/Med/Lo)	CFM	335 / 282 / 241	353 / 306 / 270	562 / 485 / 438	764 / 635 / 547	1041 / 853 / 753	2190 / 1800 / 1590	
Sound Level (Hi/Med/Lo)	dB(A)	37 / 34 / 31	40 / 36 / 32.5	46 / 41 / 39.5	49 / 46 / 43	53 / 50 / 47	55 / 53 / 50	
Panel Net Dimensions (WDH)	inches	25-1/2 x 25-1/2 x 2	25-1/2 x 25-1/2 x 2	25-1/2 x 25-1/2 x 2	37-3/8 x 37-3/8 x 3	37-3/8 x 37-3/8 x 3	37-3/8 x 37-3/8 x 3	
Outdoor Unit Part Number		YN009GMFI22RPE	YN012GMFI22RPE	YN018GMFI22RPE	YN024GMFI22RPE	YN036GMFI18RUE	YN048GMFI18RUE	
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 x 31-7/8	37-1/2 x 16-3/8 x 52-1/2	
Power Supply	V/Ph/Hz			208~2	30/1/60			
Sound Level	dB(A)	53	54	60.5	61	63.5	65	
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		-13 ~ 122			5 ~ 122		
Ambient Operating Range (Heating)	°F		-13		5 ~ 86			



# CYK-22 Quantum Inverter++

# Single-Way Ceiling Recessed Cassette Mini Split Heat Pump

Modern ♦ Graceful ♦ Sophisticated













Optional Add-Ons ▶































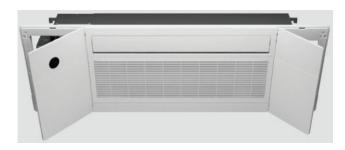






# Easily Fits in Between 16" On-Center Joists

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



#### **Easily Accessed Core Components**

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



# 6 Foot Auto-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.



#### 2-Way Installation Allows Ultimate Versatility

With a unique and exclusive push-in design, this air handler offers true flexibility, with options to either hang over or mount under your beams.

System Set Model Number		CYK009GMFILCAD	CYK012GMFILCAD	CYK018GMFILCAI	
Cooling Capacity (Range)	BTU/hr	9000 (4400~11200)	12000 (4000~13200)	18000 (3200~18100)	
SEER2 Efficiency	BTU/W·h	22.5	22	21.8	
EER2 Efficiency	BTU/W·h	13	12.6	12.5	
Rated Input (Cooling)	w	692 (320~980)	952 (160~1200)	1440 (415~1690)	
Heating Capacity (Range)	BTU/hr	11000 (3800~12400)	12500 (3700~12800)	19000 (5300~21500)	
HSPF2 (IV) Efficiency	BTU/W·h	11.5	9.8	10.7	
Coefficient of Performance (COP)	W/W	3.44	3.20	3.30	
Rated Input (Heating)	w	938 (300~1100)	1145 (300~1240)	1690 (530~1960)	
Indoor Unit Part Number		CK009GMFILCFHD	CK012GMFILCFHD	CK018GMFILCFH	
Indoor Unit Dimensions (WDH)	inches		50-1/4 x 13-1/4 x 9		
Airflow (Turbo/Hi/Med/Lo)	CFM	580 / 500 / 440 / 400	600 / 530 / 480 / 420	680 / 598 / 510 / 352	
Sound Level (Hi/Med/Lo)	dB(A)	38 / 36 / 33	40.5 / 38.5 / 34.5	44 / 41 / 34	
Panel Net Dimensions (WDH)	inches		53-1/2 x 18-3/4 x 1		
Outdoor Unit Part Number		YN009GMFI22RPE	YN012GMFI22RPE	YN018GMFI22RP	
Outdoor Unit Dimensions (WDH)	inches	30-1/4 x 11-7/8 x 21-7/8	30-1/4 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	55	58	
Energy-Star	Yes/No		Yes		
Energy-Star Cold Climate	Yes/No	Yes			
Ambient Operating Range (Cooling)	°F	-13 ~ 122			
Ambient Operating Range (Heating)	°F	-13 ~ 86			



# UYB-22 Quantum Inverter++

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

Broad ♦ Mighty ♦ Accomodating













# **Included Features** ▶















Optional Add-Ons ▶























# Super Slim Design

Thinner and lighter than ever before, the Pioneer UYB series offers exceptional durability, all while maintaining an industry-leading chassis slimness 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.



#### Fresh Air Intake

The Pioneer UYB series cassette offers a provision of fresh-air intake via an optional reserved 65-75 mm port. New outdoor air can be easily brought inside to replace stale room air.



# **Ultra-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.

System Set Model Number	•	UYB018GMFILCAD	UYB024GMFILCAD	UYB036GMFILCAD	UYB048GMFILCAD
Cooling Capacity (Range)	BTU/hr	18000 (6200~18000)	24000 (7700~25600)	36000 (11476~36000)	48000 (15861~48000)
SEER2 Efficiency	BTU/W·h	23	21.2	19	18.9
EER2 Efficiency	BTU/W·h	12.5	12.5	8.5	9.3
Rated Input (Cooling)	w	1440 (230~1450)	1920 (320~2600)	4235 (480~4390)	5170 (650~5170)
Heating Capacity (Range)	BTU/hr	20000 (8100~20000)	24000 (11600~31000)	38000 (11467~38000)	50000 (12159~50000)
HSPF2 (IV) Efficiency	BTU/W·h	10	10.3	9	10
Coefficient of Performance (COP)	W/W	2.92	3.66	2.68	2.5
Rated Input (Heating)	w	1910 (480~2010)	2020 (650~3000)	4150 (665~4150)	5861 (677~5861)
Indoor Unit Part Number		UB018GMFILCFHD	UB024GMFILCFHD	UB036GMFILCFHD	UB048GMFILCFHD
Indoor Unit Dimensions (WDH)	inches	42 x 9-1/4 x 26-1/2	42 x 9-1/4 x 26-1/2	50-5/8 x 9-1/4 x 26-5/8	65 x 9-1/4 x 26-5/8
Airflow (Hi/Med/Lo)	CFM	548 / 485 / 420	759 / 708 / 598	1036 / 917 / 638	1352 / 1118 / 1000
Sound Level (Hi/Med/Lo)	dB(A)	47 / 43.5 / 40.5	51 / 47 / 42	51.5 / 48 / 40.5	55 / 50 / 45
Recommended Application	Sq.Ft.	400 ~ 650	600 ~ 950	800 ~ 1200	1000 ~ 1600
Outdoor Unit Part Number		YN018GMFI22RPE	YN024GMFI22RPE	YN036GMFI18RUE	YN048GMFI18RUE
Outdoor Unit Dimensions (WDH)	inches	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 x 31-7/8	37-1/2 x 16-3/8 x 52-1/2
Power Supply	V/Ph/Hz		208~2	30/1/60	
Sound Level	dB(A)	60	61	65	63.5
Energy-Star	Yes/No	Yes	Yes	No	No
Energy-Star Cold Climate	Yes/No	Yes	Yes	No	Yes
Ambient Operating Range (Cooling)	°F	-13 ~ 122	-13 ~ 122	5 ~ 122	5 ~ 122
Ambient Operating Range (Heating)	°F	-13 ~ 86	-13 ~ 86	-13 ~ 86	5 ~ 86



# FYB-22 Quantum Inverter++

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

Seamless ♦ Refined ♦ Harmonious















# **Included Features** ▶















Optional Add-Ons ▶























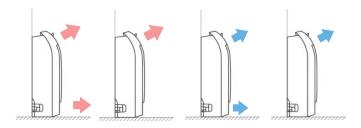
#### Modern and Elegant Appearance

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



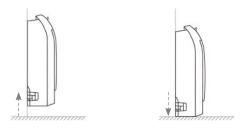
## **Supercharged Internal Components**

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 stronger 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 accessbility, 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 obstructions.

System Set Model Numbe	r	FYB012GMFILCAD	FYB018GMFILCAD	
Cooling Capacity (Range)	BTU/hr	12000 (2850~13000)	16000 (6600~17200)	
SEER2 Efficiency	BTU/W·h	22.7	22.4	
EER2 Efficiency	BTU/W·h	13	12.5	
Rated Input (Cooling)	w	923 (173~1210)	1281 (603~1700)	
Heating Capacity (Range)	BTU/hr	12000 (2250~14800)	17000 (6800~21600)	
HSPF2 (IV) Efficiency	BTU/W·h	10.2	10.4	
Coefficient of Performance (COP)	W/W	3.52	3	
Rated Input (Heating)	w	1000 (158~1250)	1661 (500~2100)	
Indoor Unit Part Number		FB012GMFILDFHE	FB018GMFILDFHE	
Indoor Unit Dimensions (WDH)	inches	27-1/2 x 8-1/4 x 23-5/8	31-1/4 x 7-7/8 x 24-1/2	
Airflow (Hi/Med/Lo)	CFM	365 / 318 / 248	500 / 382 / 323	
Sound Level (Hi/Med/Lo)	dB(A)	43 / 39 / 33	45 / 43.5 / 30	
Recommended Application	Sq.Ft.	200 ~ 450	400 ~ 650	
Outdoor Unit Part Numbe	r	YN012GMFI22RPE	YN018GMFI22RPE	
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	208~2	30/1/60	
Sound Level	dB(A)	53	58	
Energy-Star	Yes/No	Y	es	
Energy-Star Cold Climate	Yes/No	Y	es	
Ambient Operating Range (Cooling)	°F	-13	~ 122	
Ambient Operating Range (Heating)	°F	-13	~ 86	



# RYB-22 Quantum Inverter++

# Ceiling Concealed Medium-Static Ducted Mini Split Heat Pump

Discreet ◊ Adaptive ◊ Integrated













Optional Add-Ons ▶

































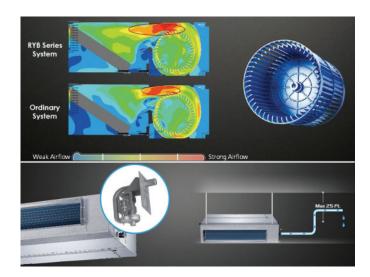






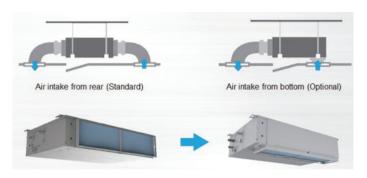
## **Dual Mounting Configuration Options**

Install the system as ceiling-concealed or floor-concealed. Both are standard options with minimal modification. Or hide the air handler in your attic/crawlspace and duct it to multiple rooms. The choice is yours.



# **High Quality Built-in Components**

The air handler features an innovative blower wheel design which improves air flow at the air outlet, resulting in superior performance when measured against comparable products. In addition, the RYB Series Ceiling Concealed system includes a built-in drainage pump which can lift condensate water up to 25 feet.



#### Flexible Air Intake

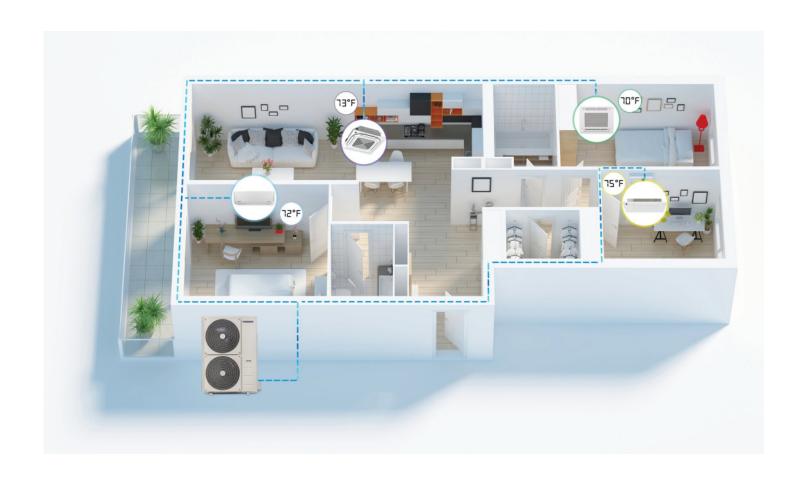
The air handler can be easily modified to pull in return air from the bottom or the rear. Simply move the cover to the side that will not be used and you're all set.



## **Ductable to Multiple Rooms**

Pioneer ducted mini split systems can provide heating and cooling to multiple rooms via air 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.

System Set Model Number		RYB009GMFILDAD	RYB012GMFILDAD	RYB018GMFILDAD	RYB024GMFILDAD	RYB036GMFILDBD	RYB048GMFILDBD		
Cooling Capacity (Range)	BTU/hr	9000 (2220~11600)	11500 (2100~13450)	17000 (5800~18000)	23000 (6100~28200)	36000 (20379~36000)	48000 (10500~48000)		
SEER2 Efficiency	BTU/W·h	19.2	19	20	19	15.8	15.1		
EER2 Efficiency	BTU/W·h	12.5	11.7	12.5	12.5	8.8	8.5		
Rated Input (Cooling)	w	720 (195~1002)	983 (197~1250)	1360 (240~1455)	1840 (290~2680)	4091 (351~4286)	5620 (470~5300)		
Heating Capacity (Range)	BTU/hr	10000 (2240~13350)	12000 (1900~15000)	20000 (5000~20000)	25000 (11700~33000)	40000 (12765~40000)	50000 (11000~63400)		
HSPF2 (IV) Efficiency	BTU/W·h	10.2	10.3	10.6	11.2	8.8	9.3		
Coefficient of Performance (COP)	W/W	3.62	3.52	3.12	3.61	3.30	3.19		
Rated Input (Heating)	w	810 (178~1163)	1000 (200~1300)	1880 (300~1880)	2030 (650~2660)	3539 (776~3539)	4600 (750~6000)		
Indoor Unit Part Number		RB009GMFILDFHD	RB012GMFILDFHD	RB018GMFILDFHD	RB024GMFILDFHD	RB036GMFILDFHD	RB048GMFILDFHD		
Indoor Unit Dimensions (WDH)	inches	27-1/2 x 20 x 7-7/8	27-1/2 x 20 x 7-7/8	34-5/8 x 26-1/2 x 8-1/4	43-3/8 x 30-1/2 x 9-3/4	53-1/2 x 30-1/2 x 9-7/8	47-1/4 x 34-1/2 x 11-7/8		
Airflow (Hi/Med/Lo)	CFM	353 / 282 / 176	353 / 282 / 176	530 / 450 / 371	775 / 693 / 435	1082 / 912 / 703	1529 / 1118 / 735		
Sound Level (Hi/Med/Lo)	dB(A)	33.5 / 28.5 / 27	38 / 34.5 / 31	42 / 38 / 35.5	44 / 41 / 37	48 / 43.5 / 40.5	52 / 50 / 49		
External Static Pressure (Range)	in. w.g.	0.0~0.32	0.0~0.32	0.0~0.4	0.0~0.64	0.0~0.64	0.0~0.64		
Outdoor Unit Part Number		YN009GMFI22RPE	YN012GMFI22RPE	YN018GMFI22RPE	YN024GMFI22RPE	YN036GMFI18RUE	YN048GMFI18RUE		
Outdoor Unit Dimensions (WDH)	inches	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 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)	53.5	55	59	60	63.5	65		
Energy-Star	Yes/No	Yes	Yes	Yes	Yes	No	No		
Energy-Star Cold Climate	Yes/No	Yes	Yes	Yes	Yes	No	No		
Ambient Operating Range (Cooling)	°F	-13 ~ 122	-13 ~ 122	-13 ~ 122	-13 ~ 122	5 ~ 122	5 ~ 122		
Ambient Operating Range (Heating)	°F	-13 ~ 75							



# YN-M-22 Quantum Inverter++

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

Customizable ♦ Robust ♦ Unified







































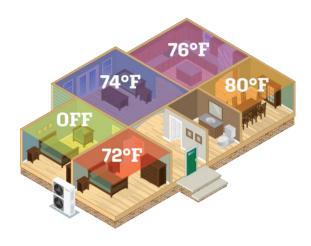






#### Eliminate Bulk and Minimize Maintenance

With Pioneer multi-zone condenser systems, you can consolidate up to 5 uni-zone outdoor units into one single section and regain 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 line set 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.

i roddet Speemedtions		Dual (2) Zone	Triple (3) Zone	Quad (4) Zone	Quint (5) Zone			
Product Model Number		YN020GMFI22M2E	YN030GMFI22M3E	YN040GMFI22M4E	YN050GMFI22M5E			
Cooling Capacity (Range) BTU/hr		18000 (4950~23000)	27000 (8500~32000)	36000 (8789~40288)	48000 (11600~49700)			
SEER2 Efficiency	BTU/W·h	21	23.5	23.1	21.1			
EER2 Efficiency	BTU/W·h	12.5	12.2	10.6	11			
Rated Input (Cooling)	w	1440	2250	3270	4360			
Heating Capacity (Range)	BTU/hr	19000 (4900~23000)	28000 (8200~35000)	37000 (6900~46624)	48000 (33000~52900)			
HSPF2 (IV) Efficiency	BTU/W·h	10.2	9.2	9.6	9.5			
Coefficient of Performance (COP)	W/W	3.67	3.65	3.60	3.22			
Rated Input (Heating)	w	1520	2250	3015	4370			
Number of Available Circuits		2	3 4		5			
Compatible Indoor Units Models	Series	WS / CB / CK / FB / UB / RB	WS / CB / CK / FB / UB / RB	WS / CB / CK / FB / UB / RB	WS / CB / CK / FB / UB / RB			
Compatible Indoor Unit Capacities	BTU	9000 / 12000	9000 / 12000 / 18000	9000 / 12000 / 18000 / 24000	9000 / 12000 / 18000 / 24000			
Max Zone Distance (Max Total Line Distance)	feet	82 (130)	100 (200)	115 (265)	115 (265)			
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	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 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)	59.5	60	62.5	62			
Energy-Star	Yes/No	Yes	Yes	No	No			
Energy-Star Cold Climate	Yes/No	Yes	No	Yes	Yes			
Ambient Operating Range (Cooling)	°F	5 ~ 122						
Ambient Operating Range (Heating)	°F		-13	~ 75				

# DIAMANTE SERIES

Residential Single and Multi-Zone Wall-Mounted Mini Split Heat Pumps

# FAMILY INTRODUCTION

Residential Ductless Inverter+ and Inverter++ Air Conditioner Heat Pumps



WYT-19 Inverter+ | WYS-22 Inverter++









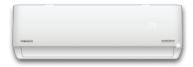








Single-Zone





Single-Zone



Multi-Zone





# WYT-19 Diamante Pro

# Wall-Mounted Ductless Mini Split DC Inverter Heat Pumps

Essential ♦ Reliable ♦ Accessible









**Optional Features** >

































# **Dual-Swing 3D Airflow Louver**

Take advantage of automatic sweeping air louvers, motorized for both up-down and left-right swing, to perfectly distribute air to all four corners of the room. Each dimension can also be fixed at a particular angle, allowing you to direct airflow exactly where you need to.



# 133°F High-Temp. Self-Cleaning

You can clean the filters as often as you like, but what about those germs that get caught on the coil from the constant moisture inside the room? A 1-click sterilization cycle uses a repeating loop of frosting/defrosting and high temperature drying to achieve ultra high bacteria neutralization.

# **Product Specifications (110/120V Systems)**

System Set Model Number	r	WYT009ALFI19RL	WYT012ALFI19RL	
Cooling Capacity (Range)	BTU/hr	9000 (2700~9900)	12000 (3600~13200)	
SEER2 Efficiency	BTU/W-h	19	19	
EER2 Efficiency	BTU/W-h	10	10	
Rated Input (Cooling)	w	840 (252~940)	1130 (330~1340)	
Heating Capacity (Range)	BTU/hr	10000 (3000~11000)	12200 (3660~13420)	
HSPF2 (IV) Efficiency	BTU/W-h	8.5	8.5	
Coefficient of Performance (COP)	W/W	3.41	3.21	
Rated Input (Heating)	w	810 (243~960)	1090 (327~1340)	
Indoor Unit Part Number		WT009ALFI19HLE	WT012ALFI19HLE	
Indoor Unit Dimensions (WDH)	inches	31-7/8 x 8-1/8 x 11-1/2	31-7/8 x 8-1/8 x 11-1/2	
Indoor Air Circulation (High)	CFM	353	383	
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	41 / 39 / 34 / 29 / 26	42 / 39 / 34 / 29 / 27	
Recommended Application	Sq.Ft.	100 ~ 350	200 ~ 450	
Outdoor Unit Part Number		YN009ALFI19RPE	YN012ALFI19RPE	
Outdoor Unit Dimensions (WDH)	inches	28-1/8 x 11-1/2 x 19-5/8	28-1/8 x 11-1/2 x 19-5/8	
Power Supply	V/Ph/Hz	115/1/60		
Sound Level	dB(A)	51	52	
Energy-Star	Yes/No	No	No	
Energy-Star Cold Climate	Yes/No	No	No	
Ambient Operating Range (Cooling)	°F	5 ~ 122		
Ambient Operating Range (Heating)	°F	-4 -	- 86	



# **Product Specifications (208~230V Systems)**

Contrar Cat Madal Nambar		MANAGORAL EMORA	WATERION FROM	MOGRANO EMODI	MANAGO COL EMODI	MUCTOS COL EMODI		
System Set Model Number		WYT009GLFI19RL	WYT012GLFI19RL	WYT018GLFI19RL	WYT024GLFI19RL	WYT036GLFI19RL		
Cooling Capacity (Range) BTU/hr		9000 (2700~9900)	12000 (3600~13200)	18000 (5400~19800)	24000 (7200~26200)	36000 (10800~39600)		
SEER2 Efficiency	BTU/W·h	19	19	19	19	19		
EER2 Efficiency	BTU/W·h	10	10	9.4	10	9		
Rated Input (Cooling)	w	830 (250~1010)	1140 (342~1360)	1840 (552~2150)	2360 (708~2890)	3850 (1155~4080)		
Heating Capacity (Range)	BTU/hr	10000 (3000~11000)	12200 (3660~13420)	19600 (5880~21560)	24400 (7320~26840)	36000 (10800~36900)		
HSPF2 (IV) Efficiency	BTU/W·h	8.5	8.5	8.5	8.5	8.5		
Coefficient of Performance (COP)	W/W	3.41	3.21	3.21	3.21	3.01		
Rated Input (Heating)	w	770 (231~1210)	1050 (315~1360)	1730 (519~2150)	2230 (669~2890)	3500 (1050~4180)		
Indoor Unit Part Number		WT009GLFI19HLE	WT012GLFI19HLE	WT018GLFI19HLE	WT024GLFI19HLE	WT036GLFI19HLE		
Indoor Unit Dimensions (WDH)	inches	31-7/8 x 8-1/8 x 11-1/2	31-7/8 x 8-1/8 x 11-1/2	39-3/4 x 8-5/8 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		
Indoor Air Circulation (High)	CFM	323	394	606	883	982		
Sound Level (Turbo/Hi/Med/Lo/Mute)	dB(A)	41 / 39 / 34 / 29 / 27	41 / 39 / 34 / 29 / 27	50 / 48 / 43 / 38 / 32	51 / 48 / 43 / 38 / 35	52 / 49 / 43 / 38 / 36		
Recommended Application	Sq.Ft.	100 ~ 350	200 ~ 450	400 ~ 650	600 ~ 950	800 ~ 1200		
Outdoor Unit Part Number		YN009GLFI19RPE	YN012GLFI19RPE	YN018GLFI19RPE	YN024GLFI19RPE	YN036GLFI19RPE		
Outdoor Unit Dimensions (WDH)	inches	28-1/8 x 11-1/2 x 19-5/8	28-1/8 x 11-1/2 x 19-5/8	30-3/4 x 13-3/4 x 23-7/8	33-1/4 x 15 x 27-1/2	35-7/8 x 14-1/8 x 31-1/2		
Power Supply	V/Ph/Hz		208-230/1/60					
Sound Level	dB(A)	50	51	54 58		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-22 Diamante Ultra

# **Ductless Single and Multizone Wall-Mounted Heat Pumps**

Sleek ◊ Intuitive ◊ Premium









































# Cools like A Crisp Shower

Diamante Ultra drapes the room with a satisying breeze from above, without the mist. Cool air sinks from high to low, so we designed the system to let the conditioned air be "thrown" toward the ceiling, so that is can naturally reach as far as possible horizontally in the room – while also ensuring that the refreshing breeze is felt by all occupants of the room, no matter if they are sitting, standing, or lying down.



#### Wi-Fi Controlled via Free App

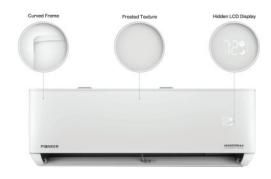
Unlock the full potential of your new Pioneer system with Wi-Fi control. Now you can pre-condition your home before you arrive, turn off the unit remotely or check that your pets are relaxing in comfort.

You can also integrate your new mini split with a Smart Assistant, such as Amazon Alexa, Google Assistant, and Apple Siri.



# Heats like a Nuzzling Blanket

Diamante Ultra also wraps the room in cozy warmth, from floor to ceiling. Just as how cold air sinks, hot air rises - The system can use this quality to its advantage by directing the louver at a sharp downward angle, so that the air throw sweeps across the floor as far out as possible, and swells upward to saturate the room with a comforting blanket of warmth, to all four corners of the room.



#### **Enhanced Modern Design**

How do you improve upon an air handler that's already silent? You make the appearance of it silent as well, with a premium encasing and elegant textures. A matte-frost finish ensures less fingerprints and time spent wiping. The curved edges give the system a softer look, and the LED display has been modified to show the set temperature in a more subdued fashion.

		WYT009ALFI22RL						
System Set Model Number			WYT012ALFI22RL	WYT009GLFI22RL	WYT012GLFI22RL	WYT018GLFI22RL	WYT024GLFI22RL	
Cooling Capacity (Range)	BTU/hr	9000 (2700~9900)	12000 (3600~13200)	9000 (2700~9900)	12000 (3600~13200)	18000 (5400~19800)	23000 (6900~25300)	
SEER2 Efficiency	BTU/W-h	23	22	23.5	23	22	20	
EER2 Efficiency	BTU/W-h	13	12.5	13	13	13	12.5	
Rated Input (Cooling)	W	710	920	710	920	1350	1920	
Heating Capacity (Range)	BTU/hr	9500 (2850~10450)	12000 (3600~13200)	9500 (2850~10450)	12000 (3600~13200)	18000 (5400~19800)	24000 (7200~26400)	
HSPF2 (IV) Efficiency	BTU/W-h	9.2	9	9.2	9.5	9	9	
Coefficient of Performance (COP)	W/W	3.5	3.5	3.5	3.5	3.5	3.2	
Rated Input (Heating)	W	730	910	730	910	1310	2050	
Indoor Unit Part Number		WT009ALFI22HLD	WT012ALFI22HLD	WT009GLFI22HLD	WT012GLFI22HLD	WT018GLFI22HLD	WT024GLFI22HLD	
Indoor Unit Dimensions (WDH)	inches	32-1/4 x 7-5/8 x 12	36-1/4 x 7-5/8 x 12	32-1/4 x 7-5/8 x 12	36-1/4 x 7-5/8 x 12	43-3/8 x 8-3/4 x 13-1/8	43-3/8 x 8-3/4 x 13-1/8	
Airflow (Hi/Med/Lo)	CFM	382 / 324 / 265	471 / 382 / 294	382 / 324 / 265	471 / 382 / 294	735 / 618 / 529	735 / 618 / 529	
Sound Level (Hi/Med/Lo/Mute)	dB(A)	39 / 34 / 29 / 27	39 / 34 / 29 / 27	39 / 34 / 29 / 27	39 / 34 / 29 / 27	45 / 40 / 35 / 31	45 / 40 / 35 / 31	
Recommended Application	Sq.Ft.	100 ~ 350	200 ~ 450	100 ~ 350	200 ~ 450	400 ~ 650	600 ~ 950	
Outdoor Unit Part Number		YN009ALFI22RPD	YN012ALFI22RPD	YN009GLFI22RPD	YN012GLFI22RPD	YN018GLFI22RPD	YN024GLFI22RPD	
Outdoor Unit Dimensions (WDH)	inches	28-5/8 x 12 x 21-5/8	33-1/4 x 15 x 27-1/2	35-7/8 x 15-5/8 x 31-5/8				
Power Supply	V/Ph/Hz	115,	/1/60	208~230/1/60				
Sound Level	dB(A)	50	52	50	52	52	58	
Energy-Star	Yes/No			Yes				
Energy-Star Cold Climate	Yes/No	No	No	No	Yes	No	No	
Ambient Operating Range (Cooling)	°F	5 ~ 122						
Ambient Operating Range (Heating)	°F		-13 ~ 86					



# WYT-22 Diamante Ultra

# **Ductless Multizone Wall-Mounted Heat Pumps**

*Innovative* ♦ *Harmonious* ♦ *Efficient* 

























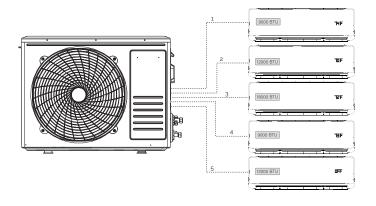












# Mix-Match BTUs & Individual Temperature Control

Maintain the ability to set each room to a unique temperature, or leave unused zones turned off to save energy. Mix and match BTU capacities of  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($ each indoor air handler according to the sizing needs of each room.



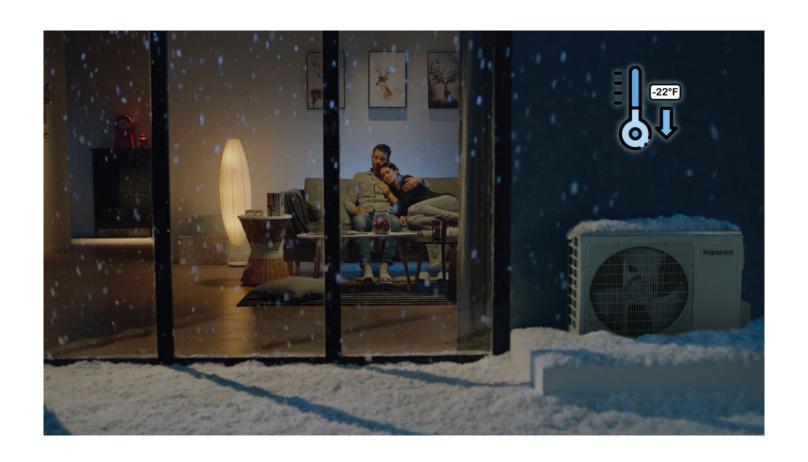


Continuous cooling all the way up to 131°F outside, and full capacity at 122°F.



Continuous heating all the way down to -13°F outside, and high capacity at -4°F.

		Dual (2) Zone	Triple (3) Zone	Quad (4) Zone	Quint (5) Zone		
Product Model Number		YN020GLFI22M2D	YN030GLFI22M3D	YN040GLFI22M4D	YN050GLFI22M5D		
Cooling Capacity (Range)	BTU/hr	18000 (5400~19600)	27000 (8100~29700)	33000 (9900~36300)	41000 (12300~45100)		
SEER2 Efficiency	BTU/W·h	24.5	24.5	23	21.5		
EER2 Efficiency	BTU/W·h	13	12.5	12	12		
Rated Input (Cooling)	w	1370	2020	2930	3400		
Heating Capacity (Range)	BTU/hr	20000 (6000~22000)	27000 (8100~29700)	36000 (10800~39600)	42000 (12600~46200)		
HSPF2 (IV) Efficiency	BTU/W·h	10	10	9.5	9.5		
Coefficient of Performance (COP)	W/W	3.51	3.51	3.51	3.41		
Rated Input (Heating) W		1410	1980	2680	3260		
Number of Available Circuits	3	2	3	4	5		
Compatible Indoor Units Models	Series	WT0xxGLFI22HLD	WT0xxGLFI22HLD	WT0xxGLFI22HLD	WT0xxGLFI22HLD		
Compatible Indoor Unit Capacity	kBTU	09 / 12	09 / 12 / 18	09 / 12 / 18 / 24	09 / 12 / 18 / 24		
Max Zone Distance (Max Total Line Distance)	feet	65 (98)	65 (150)	65 (200)	65 (200)		
Maximum Allowable Attached Load	BTU	24000	36000	48000	60000		
Usable Configuration		Dual	Dual, Triple	Dual, Triple, Quad	Dual, Triple, Quad, Quint		
Outdoor Unit Dimensions (WDH)	inches	33-1/2 x 15 x 27-1/2	35-7/8 x 14-1/8 x 31-5/8	40-1/4 x 18-1/2 x 33-5/8	40-1/4 x 18-1/2 x 33-5/8		
Power Supply	V/Ph/Hz		208~23	30/1/60			
Sound Level	Sound Level dB(A)		62	65	65		
Energy-Star	Energy-Star Yes/No		Ye	es			
Energy-Star Cold Climate	Yes/No	Yes					
Ambient Operating Range (Cooling)	°F	5 ~ 131					
Ambient Operating Range (Heating)	°F	-13 ~ 86					



# WYF-25 Hyperformance



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

Resilient  $\Diamond$  Durable  $\Diamond$  Capable

















# **Included Features** ▶

































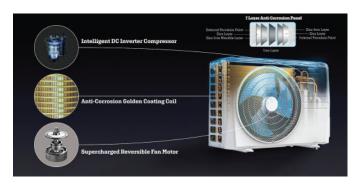
Optional Add-Ons ▶





## **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 rebates all around 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.



#### Dependably Durable, yet Still Sophisticated

At the heart is the variable speed DC inverter compressor, equipped with its own belt heater for running stable in frigid regions. The brain is the power control board and intelligent fan motor, which can run in reverse at shutdown, blowing any drawn-in debris back out of the coil and keeping it 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.



## Wi-Fi Controllable via Free App

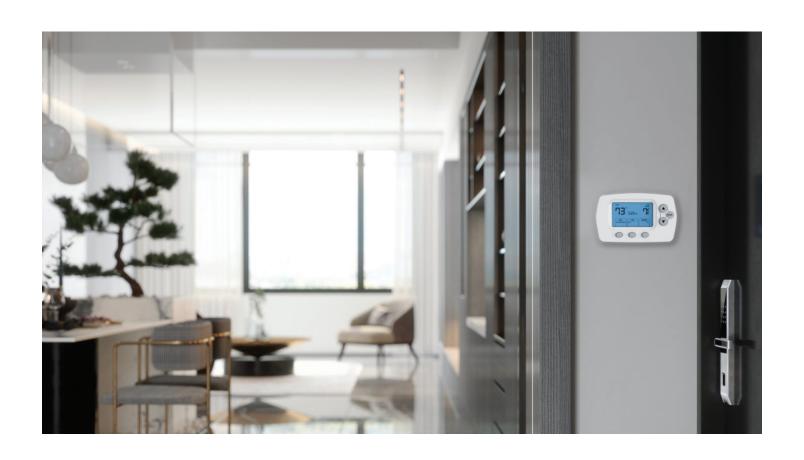
Unlock the full potential of your new Pioneer system by activating the USB module included with your purchase. In 2 minutes you'll be up and running, and ready to set custom schedules or fully control your system from across the world. You can also integrate your new mini split into a Smart Home setup,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



#### **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. Eliminate pollen, molds, bacteria and other viruses while deodorizing the returning air 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 breath and the air conditioner itself will remain clean and clear.

System Set Model Number		WYF009GHFI25RH	WYF012GHFI25RH	WYF018GHFI25RH	WYF024GHFI25RH		
Cooling Capacity (Range)	BTU/hr	9,000 (3,000~12,000)	12,000 (3,000~14,000)	18,000 (4,500~20,000)	24,000 (5,500~25,000)		
SEER2 Efficiency	BTU/W·h	25.5	23.5	20.5	21		
EER2 Efficiency	BTU/W·h	14.5	12.7	13.2	12.5		
Rated Input (Cooling)	w	620	940	1360	1920		
Heating Capacity (Range)	BTU/hr	10,000 (3,000~14,000)	12,000 (3,000~16,000)	19,000 (5,500~23,000)	26,000 (6,000~27,000)		
HSPF2 (IV) Efficiency	BTU/W·h	10.5	9.5	9.5	10		
Coefficient of Performance (COP)	W/W	4.07	3.74	3.51	3.05		
Rated Input (Heating)	w	720	940	1620	2500		
Indoor Unit Part Number		WF009GHFI25HLH	WF012GHFI25HLH	WF018GHFI25HLH	WF024GHFI25HLH		
Indoor Unit Dimensions (WDH)	inches	33-1/2 x 10-5/8 x 8-1/8	33-1/2 x 10-5/8 x 8-1/8	44-1/2 x 12-3/8 x 9	50-3/8 x 14-3/16 x 10-1/		
Airflow (Hi/Med/Lo)	CFM	365 / 306 / 253	377 / 324 / 253	559 / 470 / 382	706 / 647 / 559		
Sound Level (Hi/Med/Lo)	dB(A)	39 / 32 / 29	40 / 32 / 29	45 / 39 / 35	50 / 45 / 42		
Recommended Application	Sq.Ft.	100 ~ 400	200 ~ 550	350 ~ 775	500 ~ 1,000		
Outdoor Unit Part Number		YN009GHFI25RPH	YN012GHFI25RPH	YN018GHFI25RPH	YN024GHFI25RPH		
Outdoor Unit Dimensions (WDH)	inches	31-7/8 x 11 x 23	31-7/8 x 11 x 23	33-7/8 x 12-1/4 x 25-5/8	35-3/8 x 13-1/2 x 29-1/3		
Power Supply	V/Ph/Hz		208-230/1/60				
Sound Level	dB(A)	53	53	58	61		
Energy-Star	Yes/No	Yes					
Energy-Star Cold Climate	Yes/No	Yes					
Ambient Operating Range (Cooling)	°F	5 ~ 115					
Ambient Operating Range (Heating)	°F	-22 ~ 75					



# DYR Central-Split & Cased Coil

# Ducted Whole-Home Central Split Heat Pumps & A-Coils

Powerful ♦ Dynamic ♦ Advanced











Heat Pump + AHU







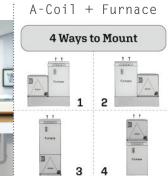
























#### Compact Design Side-Discharge Outside Unit

Win back landscape with a slim, cutting-edge condenser that is both quieter, and occupies nearly half the footprint.



## **Ultra-Flexible Lineset Routing**

When it comes to connecting the outdoor condenser to the indoor air handler, Pioneer's DYR series offers an industry-leading allowability for both difference in height (98 feet) as well as total length of run (164 feet for 24K and 246 feet for 36K and above).

# Configurable as Both Upflow or Downflow





After Downflow Conversion

# Twin Rotary Inverter Compressor

#### **Better Comfort, Better Efficiency**

The DYR series features a twin rotary inverter-type compressor that can adjust output level 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 0.8 inches w.c., you can be assured that the system will quickly move air to minimize differences in air temperature throughout the home.



System Set Model Number		DYR1824GMFI18R	DYR3036GMFI18R	DYR4248GMFI18R	DYR4860GMFI18R		
Cooling Capacity (Range)	BTU/hr	22000 (6700~26000)	34000 (11800~36800)	48000 (18300~52000)	56000 (18300~59400)		
SEER2 Efficiency	BTU/W·h	16.5	18	17.5	17		
EER2 Efficiency	BTU/W-h	10.1	10.1	10.1	8.25		
Rated Input (Cooling)	w	2180 (Outdoor) + 200 (Indoor)	3370 (Outdoor) + 290 (Indoor)	4400 (Outdoor) + 350 (Indoor)	6390 (Outdoor) + 390 (Indoor		
Heating Capacity (Range)	BTU/hr	24000 (6700~26000)	36000 (8900~38200)	48000 (17600~52000)	56000 (17600~57500)		
HSPF2 (IV) Efficiency	BTU/W·h	9.0	9.5	8.5	8.5		
Coefficient of Performance (COP)	w/w	3.4	3.5	3.3	3.1		
Rated Input (Heating)	w	1870 (Outdoor) + 200 (Indoor)	2910 (Outdoor) + 290 (Indoor)	3910 (Outdoor) + 350 (Indoor)	4900 (Outdoor) + 390 (Indoor		
Air Handling Unit Part Number		DR024GHFD18HT2	DR036GHFD18HT2	DR048GHFD18HT2	DR060GHFD18HT2		
Indoor Unit Dimensions (WDH)	inches	19-5/8 × 21-5/8 × 46-1/8	19-5/8 × 21-5/8 × 46-1/8	22 x 24 x 53-7/8	22 x 24 x 53-7/8		
Airflow	CFM	800	1120	1588	1706		
Sound Level	dB(A)	55	57	64	65		
External Static Pressure (Range)	in. w.g.	0.18 (0.0~0.8)	0.228 (0.0~0.8)	0.276 (0.0~0.8)	0.276 (0.0~0.8)		
Electric Heater Size	kW	5	10	10	10		
Cased A-Coil Part Number		AR1836-UFX18HC		AR4260-UFX18HC			
Indoor Unit Dimensions (WDH)	inches	22"-1/16 x 20"	-1/16 x 21"-7/16	24"-7/16 × 22"-1/16 × 26"-5/16			
Outdoor Unit Part Number		YH1824GHFD18R2	YH3036GHFD18R2	YH4248GHFD18R2	YH4860GHFD18R2		
Outdoor Unit Dimensions (WDH)	inches	33-7/8 × 12-1/4 × 26-3/8	37-3/8 x 13-3/8 x 33	37-3/8 x 13-3/8 x 54-5/8	37-3/8 x 13-3/8 x 54-5/8		
Power Supply	V/Ph/Hz		208~23	30/1/60			
Sound Level	dB(A)	54	57	59	60		
Energy-Star	Yes/No		N	0			
Energy-Star Cold Climate	Yes/No	Yes	Yes	Yes	No		
Ambient Operating Range (Cooling)	°F	5 ~ 115					
Ambient Operating Range (Heating)	°F	-13 ~ 75					



# PYR RV Under-Bench

# Packaged Plug-In RV Air Conditioner Heat Pump



2024 Version with Built-in WiFi and Upgraded to DC Inverter Tech





# Included Features and Accessories >













Handheld



Wired



Decorative

# Optional Add-Ons ▶

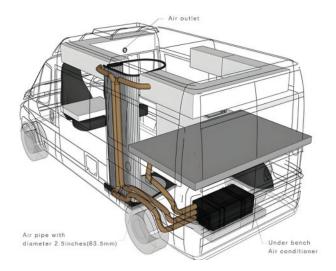


3x Air Outlet + 33' Duct Hose Kit



# Explore the Open Road Like Never Before

By offering 10,000 BTUs of efficient heating and cooling and a 19~104°F outdoor ambient operational temperature range, the Pioneer PYR series heat pump covers the needs of most recreational vehicles and travel destinations. And since the power draw is minimal at under 1kW for both heating and cooling modes, it can be easily ran off of solar panels and/or batteries all throughout the night.



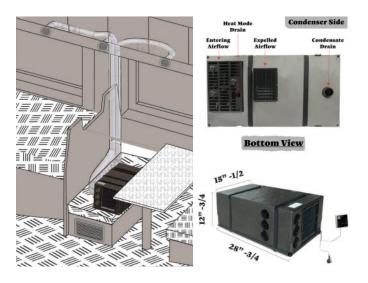
#### Versatile and Perfect for Retro-Fits

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 noisy and inefficient rootop units 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.



# **Multiple Methods of Easy Control**

Not only is the system easily powered with its plug-in electrical cord, but its also easily controlled, with 3 options for configuring the system. The wired controller can be mounted on the wall for simple interfacing, or the handheld remote can be aimed at the thermostat to send the same commands from anywhere in the cabin. Lastly, operate your system from anywhere with an internet connection, using the free Pioneer Airlink app.



#### **Compact Size and Easily Concealed**

With a durable design and easily-accessed filters, you can be sure 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 110V outlet and a 12VDC connection needed. The multiple air outlets, quiet performance, and simple shape let you easily mount and hide the unit in your desired location, such as under a row seat or bench.

Madal Number	Voltage (V)	Package Unit	Operational Temp. Range		Output acity	Efficienc	y Ratings	Noise	Not Wainb
Model Number		ltage (V)   Dimensions   (LxDxH, in.)	(Outdoor Ambient)	BTU (Cooling)	BTU (Heating)	EER	C.O.P.	Level	Net Weight
PYR009AZFRVBKE	110/120	28-3/4 x 16 x 11-5/8	19 ~ 104°F	2950~10000	2730~9500	10.4 BTU/W.h	3.96 W/W	<40 dB	68 lbs



# ERV ECOasis Pro/Ultra

# Wall-Mounted Energy Recovery Ventilators

Revitalizing ♦ Freshening ♦ Invigorating



























# **ECOasis Pro**



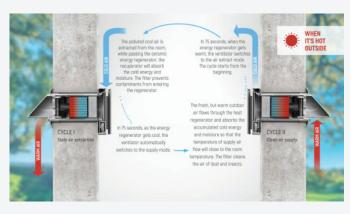
#### **Excellent Winter-Time Heat Recovery**

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.



## 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.



#### **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.



#### Intelligent Design & Simple Installation

The system offers multiple modes of highly effective air treatment, and is able to continuously monitor home  $\mathrm{CO}_2$  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.

**ECOasis Ultra** 

Product Model Number		ERV035AVTTW5W ERV150AHRPM2			
Mounting	Туре	Wall-Mounted			
Efficency	%	97 (Regeneration)	99 (Filtration) / 82 (Heat Recovery)		
Filter Type	Rating	MERV11 + Prefilter	Primary + HEPA + PM2.5		
Input Power	w	12	35		
Suggested Room Size Per Unit	Sq.Ft	Up to 300	200 - 500		
Ingress Protection Rating	-	IPX4	IPX2		
Unit Dimensions (WDH)	inches	9-7/16 x (19-5/8~26-1/8) x 10-3/16	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		

# **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: 350 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 airflow 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

Set of Durable Filament Bending

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-10-516

Patented Quick-Connect Alternative.

Flush the air and other noncondensable gases out of the copper line set and indoor unit.

Elimates the need for drawing a vacuum during installation.



#### UVC Bacterial Disinfection Kit for Mini Split Systems

SKU: IKT-UVL32UL-AC

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

an, 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

KU: 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-MLW-I-X1 | TST-MLW-I-X2

Compatible with all Quantum series and Hyperformance split systems.

Wall-mounted Wired Controller with Highly Legible LCD Screen.

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



#### 24V Interface Module Kit for Pioneer® Quantum Series 230V Mini Split Systems

SKU: TST-24VIM-ECFMS

Integrated Control Interfacer.

Compatible with any 230V power

Compatible with any 230V powered system from the Pioneer Quantum product line.

Enables control of the system with any 24V heat pump thermostat



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

SKU: TST-DIAWIFITPD | TST-APWIFIMU 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.

rovides full control of your system