



**PIONEER
INTERNATIONAL**
HYDROCARBON TECHNOLOGY

**Where innovation meets
environmental responsibility.**



GWP³
REFRIGERANT GLOBAL WARMING POTENTIAL

HPR Series

Wall Mounted System



Non-toxic
Refrigerant



Eco-friendly
Refrigerant



Precise
Temp Control



Energy
Saving



CONTROLLER



Introducing Pioneer's HPR Series, an innovative natural refrigerant wall-mounted split system air conditioning solution that sets the benchmark for energy efficiency in Australia.

Our HPR series, featuring high-wall air conditioners/heat pumps, is meticulously designed to swiftly and effectively regulate the temperature of a single room. The contemporary outlet unit within the room efficiently delivers warm or cool air as needed, harnessing ambient heat from the air or extracting it from the room.

What sets the HPR Series apart is its utilisation of the groundbreaking M50 hydrocarbon refrigerant, a revolutionary technology that contributes to a remarkable energy savings. This not only translates to significant cost savings for our valued customers but also establishes the HPR Series as a leader in environmental responsibility. When compared to alternative refrigerants like R32, our M50 hydrocarbon refrigerant boasts a considerably lower environmental impact, aligning with our commitment to sustainable and eco-friendly air conditioning solutions. Choose Pioneer's HPR Series for exceptional efficiency that benefits both your pocket and the planet.

WI-FI CONTROL

Built-in Pioneer Wi-Fi Control gives you the freedom to manage your heat pump air-conditioner through your smartphone, tablet or online account, no matter where you are. On the way home, running late, coming home early, or even when you're in a different country, Wi-Fi Control offers innovative real-time management to suit your lifestyle. Now you'll always arrive home or to the office to total comfort regardless of what Australia's unpredictable weather is doing outside!

Wi-Fi Control offers more than being able to simply pre-heat or pre-cool rooms before you arrive. Wi-Fi Control opens up a new world of truly personalised comfort. Effectively replacing your traditional heat pump air-conditioner remote, Wi-Fi Control gives you the freedom to manage your home environment regardless of where you are.

*Compared to traditional fixed speed machines.

PIONEER HPR SERIES SPECIFICATIONS

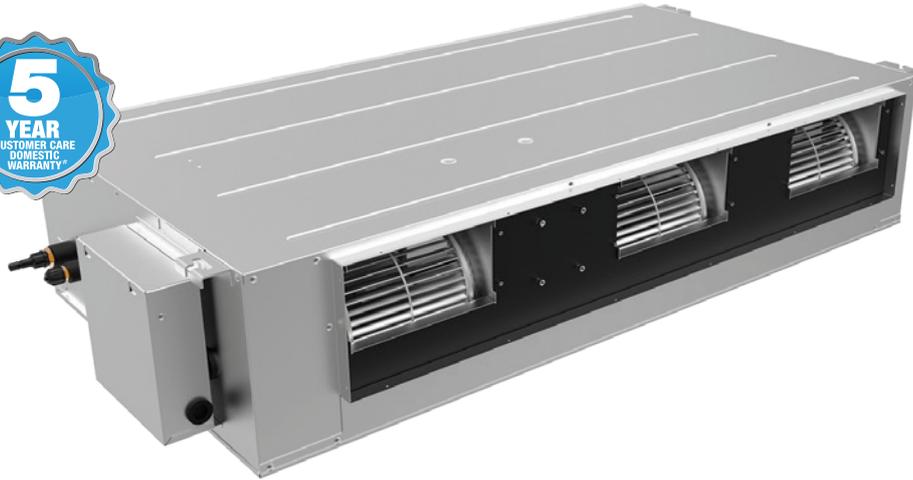
MODEL - INDOOR		HPR-09A2I	HPR-12A2I	HPR-18A2I	HPR-24A2I
MODEL - OUTDOOR		HPR-09A2O	HPR-12A2O	HPR-18A2O	HPR-24A2O
Cooling	Rated Capacity (W)	2500 (1000-3600)	3500 (1050-3900)	5000 (1800-6200)	6700 (2000-8200)
	Rated Input Power (W)	630	930	1540	1950
	AEER / EER (W/W)	3.941 / 3.984	3.664 / 3.690	3.355 / 3.371	3.424 / 3.427
	Energy Star Rating (Cool/Mid/Hot)	4.5/4.5/4.5	5/4.5/5	4/4/4	5/4.5/4.5
Heating	Rated Capacity (W)	2600 (1000-3900)	3600 (1050-4700)	5100 (1800-6100)	7000 (2000-8700)
	Rated Input Power (W)	550	880	1350	1800
	ACOP/COP (W/W)	4.747 / 4.807	4.038 / 4.070	3.880 / 3.899	3.874 / 3.866
	Energy Star Rating (Cool/Mid/Hot)	3/3.5/4	2/3/4	2/2.5/3.5	1.5/2.5/4
	Power Supply (V-ph-Hz)	240-1-50	240-1-50	240-1-50	240-1-50
	Circuit Breaker size (A)	10	10	16	25
	Noise Indoor (dB(A))	39	39	44	47
	Noise Outdoor (dB(A))	52	53	55	57
	Compressor Type	Rotary	Rotary	Rotary	Rotary
	Refrigerant Type/Qty	M50/260g	M50/290g	M50/420g	M50/510g
	Additional Charge	10gr/m	10gr/m	10gr/m	10gr/m
	Refrigerant Pipe sizes (Liq/Gas) (mm)	6.35/9.52	6.35/9.52	6.35/12.7	6.35/15.87
	Pipe extension length min/max (m)	3-25	3-25	3-25	3-35
	Maximum height (m)	20	20	20	25
Indoor	Dimensions (LxHxW) (mm)	850x291x203	850x291x203	972x302x224	1081x327x248
	Packaging Dimensions (LxHxW) (mm)	930x368x297	930x368x297	1047x377x314	1158x413x352
	Net/Gross Weight (kg)	10/12.5	10/12.5	13.5/16.5	16/19
Outdoor	Dimensions (LxHxW) (mm)	830x540x325	830x540x325	890x598x372	890x598x372
	Packaging Dimensions (LxHxW) (mm)	879x605x366	879x605x366	941x663x412	941x663x412
	Net/Gross Weight (kg)	27/30	27.5/30.5	35.5/40	37/41.5
Operating Range (Outdoor)	Cooling (°C)	-10 - +57	-10 - +57	-10 - +57	-10 - +57
	Heating (°C)	-18 - +24	-18 - +24	-18 - +24	-18 - +24

AEER/EER @ Standard Cooling Capacity Test (T1)
ACOP/COP @ Standard Heating Capacity Test (H1)

=This is compared to split system air-conditioners in its class.

Pioneer Pro Series

Ducted System



CONTROLLER



Introducing the Pioneer Pro Ducted System - where comfort seamlessly integrates with discretion. A ducted system that is felt but not seen, enhancing your living space with an unobtrusive design.

Inside your home, a single diffuser in the ceiling of each room discreetly delivers warm or cool air as needed. Meanwhile, a powerful central air conditioning unit operates quietly, concealed in your roof space and connected to a single outdoor unit against the wall of your house.

At the heart of our innovation lies the revolutionary M60 hydrocarbon refrigerant, efficiently transferring heat energy between the two units. The M60 hydrocarbon refrigerant is not only easy on the planet, but it also has significant energy savings.

Setting the perfect temperature is a breeze with our central touch-screen control panel, providing fingertip control over temperature and airflow throughout your entire home. Pioneer's Pro Ducted System builds upon the inherent efficiency of heat pumps, taking it to the next level with cutting-edge technology and natural hydrocarbon refrigerant.

Elevate your home comfort experience with Pioneer - where innovation meets environmental responsibility.

† Optional Extra.
*Compared to traditional fixed speed machines.

PIONEER PRO SERIES SPECIFICATIONS

MODEL - INDOOR		VPE36-A1	VPE48-A1	VPE60-A1
	Power Supply V-ph-Hz	240-1-50	240-1-50	240-1-50
	Air Flow m3/h (Hi/Med/Low)	1600/1200/1000	2250/1700/1450	2400/1850/1550
	Supply Air Spigot Size mm	1118 x 191	1118 x 191	1118 x 191
	Return Air Spigot Size mm	1100 x 235	1100 x 235	1100 x 235
	Drain size mm	25	25	25
Indoor	Dimensions (LxDxH) mm	1390x715x280	1390x715x280	1390x715x280
	Packaging (LxDxH) mm	1593x848x350	1593x848x350	1593x848x350
	Net / Gross Weight kg	41/47	42/48	42/48

MODEL - OUTDOOR		VPC36-A1	VPC48-A1	VPC60-D1
Cooling	Power Supply V-ph-Hz	240-1-50	240-1-50	415-3-50
	Rated Capacity kW	10.00	14.00	16.29
	Capacity range kW	3.5 - 11.5	4.9 - 15.0	4.0 - 17.5
	Rated Input W	2,800	3,600	4,630
	Rated current A	20.1	30.1	17.4
Heating	EER W/W	3.550	3.860	3.518
	Rated Capacity kW	10.00	14.00	16.00
	Capacity range kW	3.8 - 12.5	5.2 - 15.5	5.0 - 18.0
	Rated Input W	2,630	3,550	4,650
	COP W/W	3.710	3.880	3.440
	Compressor Type	Rotary	Scroll	Scroll
	Refrigerant type/ Qty kg	M60/1.9	M60/2.15	M60/2.75
	Refrigerant pipe size (Liq/Suct) mm	9.52/15.88	9.52/15.88	9.52/19.1
Outdoor	Sound Pressure db(a)	55	60	61
	Dimensions (LxDxH) mm	990x426x790	1020x396x1350	1020x396x1350
	Packaging (LxDxH) mm	1054x479x832	1101x448x1500	1101x448x1500
	Net / Gross Weight kg	64/69	99/109	110/120

Renew Series

DC Inverter Upgrade



Introducing Pioneer RENEW - your gateway to transforming your current ducted air conditioning system, combining cost savings with the same exceptional engineering excellence. The concept of “rebuilding” involves upgrading the outdoor unit to run on M60 refrigerant, inheriting the advantages seen in the Pioneer Pro Ducted Series: diminished operating costs, heightened environmental friendliness, and the safety of a natural refrigerant. Minimal adjustments are made to the indoor unit for seamless integration.

Experience a swift replacement of your existing system with minimal disruption to your home or business. What’s more, Pioneer RENEW allows you to bypass the need for a completely new installation, providing not only significant cost savings but also delivering a more energy-efficient air conditioning system. The innovative performance of M60 refrigerant ensures Pioneer RENEW outshines your existing split system, offering far greater energy efficiency.

By choosing Pioneer RENEW, you enjoy savings in two key areas:

1. Lower energy costs - potentially up to 40% less than your current system.
2. Reduced installation costs as we enhance your existing system.

Embrace state-of-the-art technology that not only prioritizes safety but also maximizes efficiency, providing you with a forward-thinking and economically savvy solution.

SPECIFICATIONS

OUTDOOR	MODEL	VPC36-A1	VPC48-A1	VPC60-D1
Cooling	Power Supply V-ph-Hz	240-1-50	240-1-50	415-3-50
	Rated Capacity kW	10.00	14.00	16.29
	Capacity range kW	3.5 - 11.5	4.9 - 15.0	4.0 - 17.5
	Rated Input W	2,800	3,600	4,630
	EER W/W	3.550	3.860	3.518
Heating	Rated Capacity kW	10.00	14.00	16.00
	Capacity range kW	3.8 - 12.5	5.2 - 15.5	5.0 - 18.0
	Rated Input W	2,630	3,550	4,650
	COP W/W	3.710	3.880	3.440
Outdoor	Compressor Type	Rotary	Scroll	Scroll
	Refrigerant type/ Qty kg	M60/1.9	M60/2.15	M60/2.75
	Refrigerant pipe size (Liq/Suct) mm	9.52/15.88	9.52/15.88	9.52/19.1
	Sound Pressure db(a)	55	60	61
	Dimensions (LxDxH) mm	990x426x790	1020x396x1350	1020x396x1350
Outdoor	Packaging (LxDxH) mm	1054x479x832	1101x448x1500	1101x448x1500
	Net / Gross Weight kg	64/69	99/109	110/120

† Optional Extra.
*Compared to traditional fixed speed machines.

Cassette Type Split Unit



SPECIFICATIONS

INDOOR	MODEL	CPE36-A1	CPE48-A1	CPE60-A1
	Power Supply V-ph-Hz	240-1-50	240-1-50	240-1-50
Indoor	Air Flow m ³ /h	1660/1300/1100	1660/1300/1100	1700/1300/1100
	Drain Size mm	32 OD	32 OD	32 OD
	Dimensions (LxDxH) mm	830x830x290	840x840x300	840x840x300
	Packaging (LxDxH) mm	910x910x320	910x910x320	910x910x320
	Net / Gross Weight kg	30/35	30/35	30/35

OUTDOOR	MODEL	VPC36-A1	VPC48-A1	VPC60-D1
	Power Supply V-ph-Hz	240-1-50	240-1-50	415-3-50
Cooling	Rated Capacity kW	10.00	14.00	16.29
	Capacity range kW	3.5 - 11.5	4.9 - 15.0	4.0 - 17.5
	Rated Input W	2,800	3,600	4,630
	Rated current A	20.1	30.1	17.4
	EER W/W	3.550	3.860	3.518
Heating	Rated Capacity kW	10.00	14.00	16.00
	Capacity range kW	3.8 - 12.5	5.2 - 15.5	5.0 - 18.0
	Rated Input W	2,630	3,550	4,650
	COP W/W	3.710	3.880	3.440
Outdoor	Compressor Type	Rotary	Scroll	Scroll
	Refrigerant type/ Qty kg	M60/1.9	M60/2.15	M60/2.75
	Refrigerant pipe size (Liq/Suct) mm	9.52/15.88	9.52/15.88	9.52/19.1
	Sound Pressure db(a)	55	60	61
	Dimensions (LxDxH) mm	990x426x790	1020x396x1350	1020x396x1350
	Packaging (LxDxH) mm	1054x479x832	1101x448x1500	1101x448x1500
	Net / Gross Weight kg	64/69	99/109	110/120



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Note: The data in this book may be changed without notice for further improvement on quality and performance.

Domestic product warranty requires yearly maintenance by an authorised Pioneer service agent to retain warranty.

YOUR AUTHORISED AIR CONDITIONING SPECIALIST