



# PRODUCT CATALOG

# **MINI-SPLITS**



SINGLE-ZONE | MULTI-ZONE

**7 YEAR**

— ★ ★ ★ —  
**PARTS & COMPRESSOR  
WARRANTY**

## **7 YEAR PARTS AND COMPRESSOR WARRANTY**

*Single-Zone and Multi-Zone*

If an internal part, including the compressor, is found to be defective due to a defect in materials or workmanship for a period of 7 years from the date of installation, Perfect Aire® will replace the failed defective part without charge. The remote-control is covered for a period of 2 years.

\*See warranty card for full details

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# PERFECT AIRE MINI-SPLIT SYSTEMS

DESIGNED TO PROVIDE COMFORT, CONVENIENCE, RELIABILITY & ENERGY EFFICIENCY

## COMFORT

**MULTI-DIRECTIONAL AIR FLOW PANEL** – Provides equal, fast and wide-range cooling in all directions.

**TURBO OPERATION** – Unit maximizes cooling or heating output capacity, to attain desired temperature in the shortest amount of time.

### HEAT PUMP

- Provides year round comfort allowing unit to reverse refrigerant process in cold weather, by extracting outside heat and transferring inside.
- Excellent for house additions without forced air heating systems or where ductwork is not possible.

**ANTI-COLD-AIR** – Prevents cold air from blowing out at the beginning of operation by automatically regulating fan speed according to temperature.

## CONVENIENCE

**TEMPERATURE-SENSING REMOTE** – Single Zone and Multi-Zone Systems remote control with built-in room temperature sensor regulates room temperature around remote—allowing remote to become the thermostat.

**Wi-Fi CONNECTIVITY** – Optional Wi-Fi kits control room temperature, set fan speeds and create programmable, intelligent modes for when you're at home or away, all from your mobile device with the convenient mobile app.

## RELIABILITY

**LOW AMBIENT OPERATION** – HyperTek® models provide adequate, low temperature heating down to outdoor temperatures of -22°F.

**SELF-DIAGNOSTIC FUNCTION** – Allows unit to detect abnormal operations or part failures, display an error code on the indoor unit, and switch off automatically to protect the system.

**AUTO DEFROSTING** – Evaporator automatically defrosts, prolonging product life and improving energy savings.

## AIR QUALITY

**REUSABLE FILTER** – Ductless units come with a washable, reusable filter to trap common allergens and improve indoor air quality.

## ENERGY SAVING

**SLEEP MODE** – Unit automatically increases (cooling) or decreases (heating) 2°F/hour for first 2 hours, and holds steady for next 5 hours before switching off and returning to preset temperature for both energy savings and comfort.

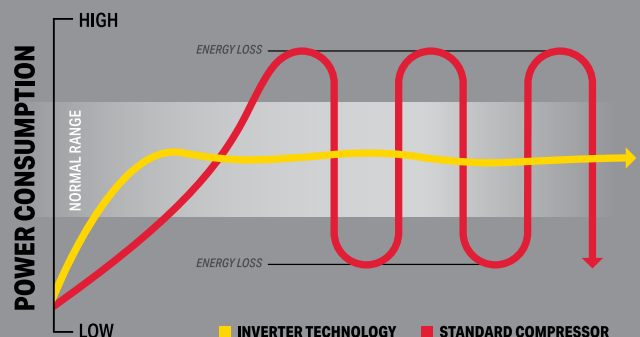
### HYDROPHILIC ALUMINUM FIN

- Improves indoor unit cooling efficiency by enabling unrestricted flow of condensate water between aluminum fins.
- Improves outdoor unit heating efficiency by accelerating defrosting process.

**GOLDEN FIN** – Anti-corrosive coating on indoor and outdoor units withstands salty air, rain and other corrosive elements while improving heating efficiency by accelerating defrosting process.

## INVERTER TECHNOLOGY

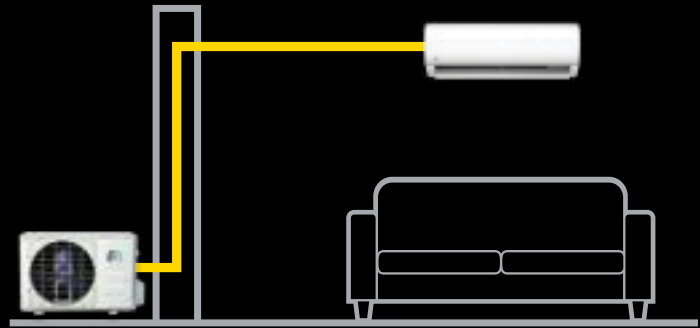
To control room temperatures and maintain desired settings, the inverter compressor only uses energy required rather than full power like a standard compressor. Once it turns on and reaches desired setting, the inverter compressor will remain at that setting until more supply is needed. This prevents the unit from turning on and off frequently and uses different rotation speed to save energy and operate more quietly than standard compressors.



# SINGLE-ZONE

## DUCTLESS HEATING & COOLING IN ONE SYSTEM

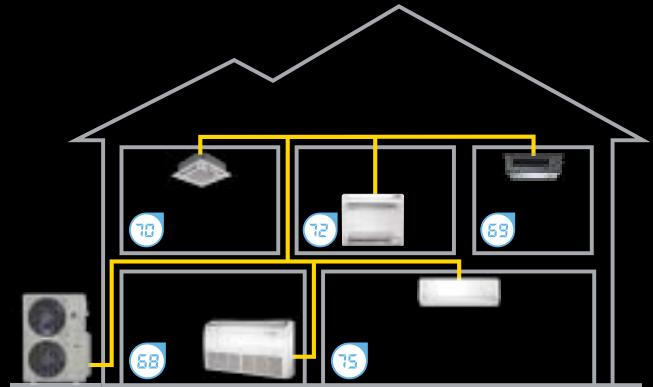
Single-zone ductless mini-split systems provide year-round comfort. A great heating or cooling solution for any room that is otherwise too hot or cold.



# MULTI-ZONE

## FLEXIBILITY OF MULTI-ZONE SYSTEMS

Operate up to 5 rooms at different temperatures for comfort and efficiency. Mix and match 5 different styles of indoor units to fit each project's unique needs.



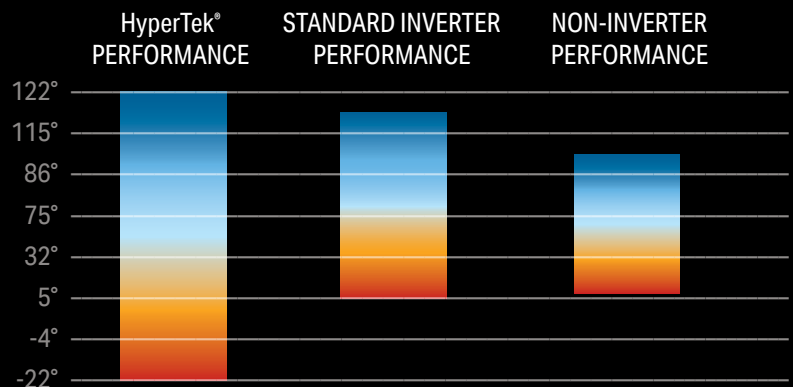
# HyperTek®

(SINGLE-ZONE & MULTI-ZONE)

## COLD CLIMATE CONTROL IDEAL FOR NORTHERN CLIMATES

HyperTek® technology allows for heating down to -22°F outdoor temperature, making it an excellent supplemental heat source.

### OUTDOOR OPERATIONAL TEMPERATURES



# SINGLE-ZONE SYSTEMS

**No ducts? No problem!** Providing maximum comfort, efficiency and control for single space environments, Perfect Aire offers single-zone ductless systems from 9,000 BTU up to 36,000 BTU for use as primary cooling or supplemental heating sources. Operational temperature range is 32°F to 122°F in cooling mode and 5°F to 86°F in heating mode.



## DUCTLESS INSTALLATION

Connect the high wall indoor unit to the outdoor compressor with a line set (sold separately) to provide climate control in spaces where ductwork isn't an option.

## AUTO-SWING LOUVERS

Direct the air where you want it, or activate the vertical auto-swing for a soft, constantly moving breeze.

## TEMPERATURE-SENSING REMOTE

Includes a full-function remote control with a built-in thermostat that puts you in control of your comfort from anywhere in the room.

## HIDDEN LED DISPLAY

Turn off the indoor unit's lighted display for a good night's sleep.

## 24-HOUR TIMER

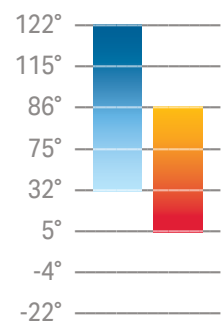
Programmable timer allows you to automatically set when your system turns on and off.

## ADDITIONAL FEATURES

- Inverter compressor
- Golden-fin coating
- Auto-defrost
- Auto-restart
- Leak detection
- Compressor/base pan heater
- 5 functions
- 4 fan speeds
- Sleep mode
- Reusable, washable filter
- Wireless app & smart home control (3PAMSH30B & 3PAMSH36B only)

## OPERATING RANGE (°F)

COOLING | HEATING



## SCAN QR CODE

TO VIEW SUBMITTAL SHEETS



# SPECIFICATIONS

## 115 VOLT | SYSTEM MODEL

	3PAMSH09A-16.5	3PAMSH12A-16.5
<i>INDOOR MODEL</i>	3PAMSH09A-SZW	3PAMSH12A-SZW
<i>OUTDOOR MODEL</i>	3PAMSH09A-SZO	3PAMSH12AA-SZO
<b>POWER REQUIREMENTS</b>		
Power Supply (V, Ph, Hz)	115V, 1Ph, 60Hz	115V, 1Ph, 60Hz
Minimum Circuit Ampacity (A)	16	17
Maximum Fuse Size (A)	25	25
<b>COOLING</b>		
Rated Capacity (BTU/h)	9000	12000
Input Power (W)	890	1368
SEER/EER	16.5 / 10.1	16.5 / 8.8
<b>HEATING</b>		
Rated Capacity at 47°F (BTU/h)	9800	12000
Input Power (W)	1025	1212
COP	2.8	2.9
HSPF4 / 5	9.8 / 7.8	9.4 / 7.7
Rated Capacity at 17°F (BTU/h)	8000	8100
Rated Capacity at 5°F (BTU/h)	5300	5500
COP at 5°F	1.75	1.7
<b>OUTDOOR UNIT</b>		
Dimension (W×D×H) (in)	28.5 × 10.75 × 19.5	28.5 × 10.75 × 19.5
Dimension (W×D×H) (mm)	720 × 270 × 495	720 × 270 × 495
Net Weight (lb/kg)	54.75 / 25	55.25 / 25
Gross Weight (lb/kg)	58.5 / 26.5	59 / 26.75
Outdoor Noise Level (dBA)	55	55
Min. In/Outdoor Connect Cable	Stranded - Per Local Code	Stranded - Per Local Code
<b>INDOOR UNIT</b>		
Indoor Air Flow (Hi/Mi/Lo) (CFM)	265 / 212 / 159	318 / 241 / 176
Indoor Noise Level (Hi/Mi/Lo) (dBA)	40 / 34 / 26	41 / 35 / 28
Dimension (W×D×H) (in)	28.25 × 7.75 × 11.25	31.75 × 7.75 × 11.25
Dimension (W×D×H) (mm)	715 × 194 × 285	870 × 270 × 365
Net Weight (lb/kg)	16 / 7.25	10.25 / 8
Gross Weight (lb/kg)	20.50 / 9.5	22.25 / 10.25
<b>REFRIGERANT &amp; PIPING (R410A)</b>		
Factory Charge per 25ft/5m (oz/g)	20.46 / 580	25.57 / 730
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15
Liquid Side (in/mm)	1 × ¼ / 6.35	1 × ¼ / 6.35
Gas Side (in/mm)	1 × ⅜ / 9.52	1 × ⅜ / 9.52
Max. Length (ft/m)	82 / 25	82 / 25
Max. Difference in Height (IDU+ODU) (ft/m)	33 / 10	33 / 10
<b>Wi-Fi® CONNECTION</b>		
Wi-Fi® Kit Available	Yes	Yes
Optional Kit Model Number	PAMSWIFI-AF-KIT	PAMSWIFI-AF-KIT

# SPECIFICATIONS

## 230 VOLT | SYSTEM MODEL

	3PAMSH09B-16.5	3PAMSH12B-16.8	3PAMSH18B-16.8	3PAMSH24B-16.5
<i>INDOOR MODEL</i>	3PAMSH09B-SZW	3PAMSH12B-SZW	3PAMSH18B-SZW	3PAMSH24B-SZW
<i>OUTDOOR MODEL</i>	3PAMSH09B-SZO	3PAMSH12B-SZO	3PAMSH18B-SZO	3PAMSH24B-SZO
<b>POWER REQUIREMENTS</b>				
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Minimum Circuit Ampacity (A)	9	9	15	19
Maximum Fuse Size (A)	15	15	20	30
<b>COOLING</b>				
Rated Capacity (BTU/h)	9000	12000	17000	24000
Input Power (W)	1365	1365	1720	2695
SEER/EER	16.8 / 8.8	16.8 / 8.8	16.8 / 9.9	16.5 / 8.9
<b>HEATING</b>				
Rated Capacity at 47°F (BTU/h)	12000	12000	18000	24000
Input Power (W)	1212	1212	1700	2475
COP	2.9	2.9	3.10	2.84
HSPF4 /5	9.4 / 8	9.4 / 8	9.7 / 8	9.5 / 8
Rated Capacity at 17°F (BTU/h)	8500	8500	11000	18000
Rated Capacity at 5°F (BTU/h)	6100	6100	8800	14500
COP at 5°F	1.7	1.7	1.80	1.8
<b>OUTDOOR UNIT</b>				
Dimension (W×D×H) (in)	28.5 × 10.75 × 19.5	28.5 × 10.75 × 19.5	30.25 × 12 × 22	35 × 13.5 × 26.5
Dimension (W×D×H) (mm)	720 × 270 × 495	720 × 270 × 495	765 × 303 × 555	890 × 342 × 673
Net Weight (lb/kg)	53 / 24	53 / 24	64.25 / 29.25	98 / 44.5
Gross Weight (lb/kg)	56.5 / 25.75	56.5 / 25.75	69.75 / 31.75	104.5 / 47.75
Outdoor Noise Level (dBA)	55	55	57	60
Min. In/Outdoor Connect Cable	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code
<b>INDOOR UNIT</b>				
Indoor Air Flow (Hi/Mi/Lo) (CFM)	318 / 242 / 176	318 / 241 / 176	464 / 369 / 275	565 / 447 / 341
Indoor Noise Level (Hi/Mi/Lo) (dBA)	42 / 35 / 26	42 / 35 / 26	44 / 38 / 30	46 / 40 / 33.5
Dimension (W×D×H) (in)	31.75 × 7.75 × 11.25	31.75 × 7.75 × 11.25	37.75 × 8.5 × 12	41 × 8.75 × 13
Dimension (W×D×H) (mm)	805 × 194 × 285	805 × 194 × 285	957 × 213 × 302	1040 × 220 × 327
Net Weight (lb/kg)	17.25 / 8	10.25 / 8	23 / 10.5	29 / 13.25
Gross Weight (lb/kg)	22 / 10	22 / 10.25	29.5 / 13.5	36.75 / 16.75
<b>REFRIGERANT &amp; PIPING (R410A)</b>				
Factory Charge per 25ft/5m (oz/g)	25.57 / 730	25.57 / 730	47.97 / 1360	62.8 / 1780
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ⅜ / 9.52
Gas Side (in/mm)	1 × ⅜ / 9.52	1 × ⅜ / 9.52	1 × ½ / 12.7	1 × ⅝ / 15.9
Max. Length (ft/m)	82 / 25	82 / 25	98 / 30	98 / 30
Max. Difference in Height (IDU+ODU) (ft/m)	33 / 10	33 / 10	65 / 20	65 / 20
<b>Wi-Fi® CONNECTION</b>				
Wi-Fi® Kit Available	Yes	Yes	Yes	Yes
Optional Kit Model Number	PAMSWIFI-AF-KIT	PAMSWIFI-AF-KIT	PAMSWIFI-AF-KIT	PAMSWIFI-AF-KIT



# SPECIFICATIONS

## 230 VOLT | SYSTEM MODEL

	3PAMSH30B-SYS	3PAMSH36B-SYS
<i>INDOOR MODEL</i>	3PAMSH30B-SZW	3PAMSH36B-SZW
<i>OUTDOOR MODEL</i>	3PAMSH30B-SZO	3PAMSH36B-SZO
<b>POWER REQUIREMENTS</b>		
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Minimum Circuit Ampacity (A)	25	30
Maximum Fuse Size (A)	35	35
<b>COOLING</b>		
Rated Capacity (BTU/h)	30000	35000
Input Power (W)	3000	4200
SEER/EER	18.8 / 10.0	16.4 / 8.33
<b>HEATING</b>		
Rated Capacity at 47°F (BTU/h)	31000	35000
Input Power (W)	2839	3500
COP	3.2	2.93
HSPF4 /5	12.3 / 10.1	8.8 / 6.8
Rated Capacity at 17°F (BTU/h)	16000	15000
Rated Capacity at 5°F (BTU/h)	17060	18760
COP at 5°F	1.92	1.87
<b>OUTDOOR UNIT</b>		
Dimension (W×D×H) (in)	35 × 14.5 × 31.75	35 × 14.5 × 31.75
Dimension (W×D×H) (mm)	885 × 366 × 795	885 × 366 × 795
Net Weight (lb/kg)	128 / 58	141 / 64
Gross Weight (lb/kg)	139 / 63	152 / 69
Outdoor Noise Level (dBA)	60	60
Min. In/Outdoor Connect Cable	Stranded - Per Local Code	Stranded - Per Local Code
<b>INDOOR UNIT</b>		
Indoor Air Flow (Hi/Mi/Lo) (CFM)	858 / 710 / 592	858 / 710 / 592
Indoor Noise Level (Hi/Mi/Lo) (dBA)	50 / 45 / 40	50 / 45 / 40
Dimension (W×D×H) (in)	50.5 × 10.25 × 14.25	50.5 × 10.25 × 14.25
Dimension (W×D×H) (mm)	1280 × 260 × 360	1280 × 260 × 360
Net Weight (lb/kg)	40 / 18	41 / 18.5
Gross Weight (lb/kg)	47.5 / 21.5	48.5 / 22
<b>REFRIGERANT &amp; PIPING (R410A)</b>		
Factory Charge per 25ft/5m (oz/g)	73 / 24.75 (2070 / 24.75)	81 / 24.75 (2300 / 24.75)
Additional Charge per Foot (oz/g)	0.322 / 30	0.322 / 30
Liquid Side (in/mm)	1 x 3/8 / 9.52	1 x 3/8 / 9.52
Gas Side (in/mm)	1 x 5/8 / 15.9	1 x 5/8 / 15.9
Max. Length (ft/m)	49.5 / 15	49.5 / 15
Max. Difference in Height (IDU+ODU) (ft/m)	33 / 10	33 / 10
<b>Wi-Fi® CONNECTION</b>		
Wi-Fi® Kit Available	Built-in Wi-Fi®	Built-in Wi-Fi®
Optional Kit Model Number	—	—

# SINGLE-ZONE SYSTEMS

## HyperTek® HEAT

No matter the weather challenge, keep comfortable at both ends of the personal comfort spectrum. HyperTek® units deliver high performance with an operational temperature range from -22°F to 122°F in cooling mode, -22°F to 86°F in heating mode and Energy Star® certification.



### YEAR-ROUND USE

All-in-one solution provides efficient cooling and supplemental heating for use throughout every season.

### DUCTLESS INSTALLATION

Connect the high wall indoor unit to the outdoor compressor with a line set (sold separately) to provide climate control in spaces where ductwork isn't an option.

### VERSATILE INSTALLATION

Pair any choice of Perfect Aire light commercial indoor air handlers (shown on page 12) with our high-efficiency, inverter-driven, single-zone condenser to meet your individual aesthetics and climate needs. (Systems shown with a high-wall indoor unit.)

### ADVANCED AIRFLOW

Use the horizontal louvers to direct air where you want it, or set the BREEZE AWAY mode to disperse air throughout the room.

### TEMPERATURE-SENSING REMOTE

Includes a full-function remote control with a built-in thermostat that puts you in control of your comfort from anywhere in the room.

### SILENCE MODE

Set the system to run at a lower frequency for quieter performance.

### HIDDEN LED DISPLAY

Turn off the indoor unit's lighted display for a good night's sleep.

### 24-HOUR TIMER

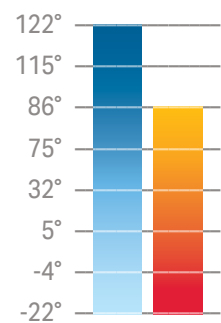
Programmable timer allows you to automatically set when your system turns on and off.

### ADDITIONAL FEATURES

- Inverter compressor
- Golden-fin coating
- Auto-defrost
- Auto-restart
- Leak detection
- Compressor/base pan heater
- 5 functions
- 6 fan speeds
- Sleep mode
- Reusable, washable filter
- Optional wireless function (see page 26)

### OPERATING RANGE (°F)

COOLING | HEATING



### SCAN QR CODE

TO VIEW SUBMITTAL SHEETS





# SPECIFICATIONS

## 230 VOLT | SYSTEM MODEL

	3PAMSHH09-SYS	3PAMSHH12-SYS	3PAMSHH18-SYS	3PAMSHH24-SYS
<b>INDOOR MODEL</b>	3PAMSHH09-UVW	3PAMSHH12-UVW	3PAMSHH18-UVW	3PAMSHH24-UVW
<b>OUTDOOR MODEL</b>	3PAMSHH09-SZO	3PAMSHH12-SZO	3PAMSHH18-SZO	3PAMSHH24-SZO
<b>POWER REQUIREMENTS</b>				
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Minimum Circuit Ampacity (A)	15	15	16	25
Maximum Fuse Size (A)	15	15	25	35
<b>COOLING</b>				
Rated Capacity (BTU/h)	9000	12000	18000	23000
Input Power (W)	569	923	1385	1840
SEER/EER	25.5 / 15.8	22 / 13	21.5 / 13	21.5 / 12.5
<b>HEATING</b>				
Rated Capacity at 47°F (BTU/h)	12000	12000	18000	26000
Input Power (W)	902	978	1575	2540
COP	3.90	3.60	3.35	3.0
HSPF4 /5	12.5 / 10.5	12.7 / 10.8	11 / 9.2	11.5 / 9.7
Rated Capacity at 17°F (BTU/h)	12000	12000	19000	23000
Rated Capacity at 5°F (BTU/h)	10000	10000	18000	23000
COP at 5°F	1.8	1.8	1.78	1.75
<b>OUTDOOR UNIT</b>				
Dimension (W×D×H) (in)	31.75 × 13 × 22	31.75 × 13 × 22	35 × 13.5 × 26.5	37.25 × 16.25 × 32
Dimension (W×D×H) (mm)	805 × 330 × 554	805 × 330 × 554	890 × 342 × 673	946 × 410 × 810
Net Weight (lb/kg)	74 / 33.6	73.75 / 33.4	101 / 45.8	134.5 / 61
Gross Weight (lb/kg)	80.25 / 36.4	79.5 / 36	108 / 49	144.5 / 65.5
Outdoor Noise Level (dBA)	55	56	59	62
Min. In/Outdoor Connect Cable	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code
<b>INDOOR UNIT</b>				
Indoor Air Flow (Hi/Mi/Lo) (CFM)	292 / 194 / 153	291 / 194 / 153	531 / 459 / 382	601 / 459 / 382
Indoor Noise Level (Hi/Mi/Lo) (dBA)	40 / 35 / 24	42 / 36 / 24	46 / 40 / 25	47 / 44 / 35
Dimension (W×D×H) (in)	31.75 × 8 × 11.75	31.75 × 8 × 11.75	42.75 × 9.75 × 13.25	42.75 × 9.25 × 13.5
Dimension (W×D×H) (mm)	802 × 200 × 295	802 × 200 × 295	1083 × 244 × 336	1082 × 234 × 337
Net Weight (lb/kg)	18.75 / 8.5	18.75 / 8.5	29.5 / 13.4	30 / 13.6
Gross Weight (lb/kg)	24.25 / 11	24.25 / 11	37.5 / 17	38.25 / 17.3
<b>REFRIGERANT &amp; PIPING (R410A)</b>				
Factory Charge per 25ft/5m (oz/g)	41.62 / 1180	41.62 / 1180	65.2 / 1180	91.7 / 2600
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ⅜ / 9.52
Gas Side (in/mm)	1 × ⅜ / 9.52	1 × ½ / 12.7	1 × ½ / 12.7	1 × ⅝ / 15.9
Max. Length (ft/m)	82 / 25	82 / 25	98 / 30	98 / 30
Max. Difference in Height (IDU+ODU) (ft/m)	33 / 10	33 / 10	66 / 20	66 / 20
<b>Wi-Fi® CONNECTION</b>				
Wi-Fi® Kit Available	Yes	Yes	Yes	Yes
Optional Kit Model Number	PAMSWIFI-AF-AG	PAMSWIFI-AF-AG	PAMSWIFI-AF-AG	PAMSWIFI-AF-AG

# LIGHT COMMERCIAL

Perfect Aire's range of light commercial indoor air handlers allows for greater flexibility in single-zone and multi-zone systems. Choose an indoor unit that matches your aesthetic and climate needs for your single-zone HyperTek® system, or mix and match styles to customize your multi-zone system with up to 5 indoor units. No matter your needs, we have a solution to keep you comfortable.

All light commercial units can be used with our HyperTek® single-zone condensers found on page 10-11, or multi-zone condensers found on pages 18-21.



## YEAR-ROUND USE

All-in-one solution provides efficient cooling and supplemental heating for use throughout every season.

## CUSTOM SYSTEMS

Choose the indoor unit and outdoor condenser that fits your unique climate needs.

## ADVANCED AIRFLOW

Use the horizontal louvers to direct air where you want it, or activate the vertical auto-swing for a soft, constantly moving breeze. (Vertical swing not available on all models)

## TEMPERATURE-SENSING REMOTE

Includes a full-function remote control with a built-in thermostat that puts you in control of your comfort from anywhere in the room.

## SILENCE MODE

Set the system to run at a lower frequency for quieter performance (only when paired with Single-Zone outdoor condensers).

## HIDDEN LED DISPLAY

Turn off the indoor unit's lighted display for a good night's sleep.

## 24-HOUR TIMER

Programmable timer allows you to automatically set when your system turns on and off.

## ADDITIONAL FEATURES

- Inverter compressor
- Golden-fin coating
- Auto-defrost
- Auto-restart
- Leak detection
- Compressor/base pan heater
- 5 functions
- 4 fan speeds
- Sleep mode
- Reusable, washable filter
- Optional wireless function (see page 26)



## Wi-Fi® Kit Available

Control your Perfect Aire mini-split system via your smart phone!

### WIRELESS APP FEATURES

- Android & iOS
- Daily & Weekly Schedules
- Operation Mode
- Temperature
- Fan Speed
- Running Status
- Shared Access

Control multiple devices in the same app

## SCAN QR CODE

TO VIEW SUBMITTAL SHEETS





# SPECIFICATIONS

## 230 VOLT

### COMPATIBLE WITH:

- Multi-Zone Series
- HyperTek® Series



### CASSETTE

INDOOR MODEL	3PAMSCH12	3PAMSCH18	3PAMSCH24
INDOOR PANEL	3PAMSCH12-18-P	3PAMSCH12-18-P	3PAMSCH24-P
<b>POWER REQUIREMENTS</b>			
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
<b>COOLING</b>			
Rated Capacity (BTU/h)	12000	16000	24000
Input Power (W)	945	1280	2182
SEER/EER	21.5 / 12.7	20.0 / 12.5	20.2 / 11
<b>HEATING</b>			
Rated Capacity at 47°F (BTU/h)	12000	18000	25000
Input Power (W)	1091	1832	2093
COP	3.22	2.88	3.50
HSPF4 /5	10.6 / 8.8	10.3 / 8.7	11.6 / 9
Rated Capacity at 17°F (BTU/h)	14000	18000	24100
Rated Capacity at 5°F (BTU/h)	11500	16000	24100
COP at 5°F	1.86	1.68	1.75
<b>INDOOR UNIT</b>			
Indoor Air Flow (Hi/Mi/Lo) (CFM)	379 / 309 / 261	563 / 485 / 439	706 / 635 / 547
Indoor Noise Level (Hi/Mi/Lo) (dBA)	41 / 36 / 32	44 / 39 / 36	49 / 46 / 43
Dimension (W×D×H) (in)	22.5 × 22.5 × 10.25	22.5 × 22.5 × 10.25	32.75 × 32.75 × 8
Dimension (W×D×H) (mm)	570 × 570 × 260	570 × 570 × 260	830 × 830 × 205
Net Weight (lb/kg)	35.25 / 16	35.25 / 16	47.25 / 21.5
Gross Weight (lb/kg)	41 / 18.75	47 / 21.5	55.5 / 25.25
<b>REFRIGERANT &amp; PIPING (R410A)</b>			
Factory Charge per 25ft/5m (oz/g)	Does not apply	Does not apply	Does not apply
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ¾ / 9.52
Gas Side (in/mm)	1 × ½ / 12.7	1 × ½ / 12.7	1 × ¾ / 15.9
<b>Wi-Fi® CONNECTION</b>			
Wi-Fi® Kit Available	Yes	Yes	Yes
Optional Kit Model Number	PAMSWIFI-LC	PAMSWIFI-LC	PAMSWIFI-LC

# SPECIFICATIONS

## 230 VOLT

### COMPATIBLE WITH:

- Multi-Zone Series
- HyperTek® Series



### DUCTED

INDOOR MODEL	3PAMSDH09	3PAMSDH12	3PAMSDH18	3PAMSDH24
OUTDOOR MODEL*	3PAMSHH09-SZO	3PAMSHH12-SZO	3PAMSHH18-SZO	3PAMSHH24-SZO
<b>POWER REQUIREMENTS</b>				
Power Supply (V, Ph, Hz)	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz
<b>COOLING</b>				
Rated Capacity (BTU/h)	9000	12000	16500	24000
Input Power (W)	643	923	1320	1920
SEER/EER	23 / 14	21.5 / 13	19.6 / 12.5	20.6 / 12.5
<b>HEATING</b>				
Rated Capacity at 47°F (BTU/h)	10000	12000	19000	24600
Input Power (W)	810	1000	1900	1920
COP	3.62	3.52	2.93	3.66
HSPF4 /5	12 / 10	11.5 / 9.5	11 / 9	12.6 / 10.7
Rated Capacity at 17°F (BTU/h)	11600	12900	19000	26511
Rated Capacity at 5°F (BTU/h)	9900	12400	17400	24600
COP at 5°F	1.78	1.87	1.75	2.01
<b>INDOOR UNIT</b>				
Indoor Air Flow (Hi/Mi/Lo) (CFM)	353 / 283 / 177	353 / 283 / 177	530 / 450 / 371	776 / 694 / 435
Indoor Noise Level (Hi/Mi/Lo) (dBA)	38 / 32 / 25	38 / 34 / 26	39 / 37 / 35	44 / 40 / 36
Dimension (W×D×H) (in)	27.75 × 20 × 8	27.75 × 20 × 8	34.75 × 28.50 × 8.25	43.5 × 30.5 × 10
Dimension (W×D×H) (mm)	700 × 506 × 200	700 × 506 × 200	880 × 674 × 210	1100 × 774 × 249
Net Weight (lb/kg)	39 / 17.75	39 / 17.75	55.5 / 25.25	90.5 / 41
Gross Weight (lb/kg)	48.25 / 22	48.5 / 22	67 / 30.5	106 / 48
<b>REFRIGERANT &amp; PIPING (R410A)</b>				
Factory Charge per 25ft/5m (oz/g)	Does not apply	Does not apply	Does not apply	Does not apply
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ⅜ / 9.52
Gas Side (in/mm)	1 × ⅜ / 9.52	1 × ½ / 12.7	1 × ½ / 12.7	1 × ⅝ / 15.9
<b>Wi-Fi® CONNECTION</b>				
Wi-Fi® Kit Available	Yes	Yes	Yes	Yes
Optional Kit Model Number	PAMSWIFI-LC	PAMSWIFI-LC	PAMSWIFI-LC	PAMSWIFI-LC

\*Specs are from testing with single-zone outdoor model shown. Actual specs may vary with different condenser types.

# SPECIFICATIONS

## 230 VOLT

### COMPATIBLE WITH:

- Multi-Zone Series
- HyperTek® Series



	CONSOLE	FLOOR & CEILING
<b>INDOOR MODEL</b>	3PAMSCONH12	3PAMSFCH18
<b>OUTDOOR MODEL*</b>	3PAMSHH12-SZO	3PAMSHH18-SZO
<b>POWER REQUIREMENTS</b>		
Power Supply (V, Ph, Hz)	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz
<b>COOLING</b>		
Rated Capacity (BTU/h)	12000	17000
Input Power (W)	923	1360
SEER/EER	23 / 13	20.2 / 12.5
<b>HEATING</b>		
Rated Capacity at 47°F (BTU/h)	12000	18000
Input Power (W)	1091	1655
COP	3.22	3.19
HSPF4 / 5	11.5 / 9.5	10.6 / 8.6
Rated Capacity at 17°F (BTU/h)	13100	18000
Rated Capacity at 5°F (BTU/h)	12100	16000
COP at 5°F	1.84	1.75
<b>INDOOR UNIT</b>		
Indoor Air Flow (Hi/Mi/Lo) (CFM)	365/318/248	548/485/420
Indoor Noise Level (Hi/Mi/Lo) (dBA)	43 / 39 / 33	46 / 43 / 39
Dimension (W×D×H) (in)	27.5 × 23.75 × 8.25	42 × 26.75 × 9.25
Dimension (W×D×H) (mm)	700 × 600 × 210	1068 × 675 × 235
Net Weight (lb/kg)	32.75 / 15	57 / 25
Gross Weight (lb/kg)	41 / 18.75	68.5 / 31
<b>REFRIGERANT &amp; PIPING (R410A)</b>		
Factory Charge per 25ft/5m (oz/g)	Does not apply	Does not apply
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15
Liquid Side (in/mm)	1 × 1/4 / 6.35	1 × 1/4 / 6.35
Gas Side (in/mm)	1 × 1/2 / 12.7	1 × 1/2 / 12.7
<b>Wi-Fi® CONNECTION</b>		
Wi-Fi® Kit Available	No	Yes
Optional Kit Model Number	—	PAMSWIFI-LC

\*Specs are from testing with single-zone outdoor model shown. Actual specs may vary with different condenser types.

# UNIVERSAL HIGH WALL

One unit, endless possibilities. Perfect Aire universal high wall indoor units are HyperTek® compatible and can be combined with our single-zone HyperTek® condensers, or any of our multi-zone and HyperTek® multi-zone condensers.



## YEAR-ROUND USE

All-in-one solution provides efficient cooling and supplemental heating for use throughout every season.

## DUCTLESS INSTALLATION

Connect the high wall indoor unit to the outdoor compressor with a line set (sold separately) to provide climate control in spaces where ductwork isn't an option.

## ADVANCED AIRFLOW

Use the horizontal louvers to direct air where you want it, or set the BREEZE AWAY mode to disperse air throughout the room.

## TEMPERATURE-SENSING REMOTE

Includes a full-function remote control with a built-in thermostat that puts you in control of your comfort from anywhere in the room.

## SILENCE MODE

Set the system to run at a lower frequency for quieter performance (only when paired with Single-Zone outdoor condensers).

## HIDDEN LED DISPLAY

Turn off the indoor unit's lighted display for a good night's sleep.

## 24-HOUR TIMER

Programmable timer allows you to automatically set when your system turns on and off.

## ADDITIONAL FEATURES

- Inverter compressor
- Golden-fin coating
- Auto-defrost
- Auto-restart
- Leak detection
- Compressor/base pan heater
- 5 functions
- 6 fan speeds
- Sleep mode
- Reusable, washable filter
- Optional wireless function (see page 26)



## Wi-Fi® Kit Available

Control your Perfect Aire mini-split system via your smart phone!

### WIRELESS APP FEATURES

- Android & iOS
- Daily & Weekly Schedules
- Operation Mode
- Temperature
- Fan Speed
- Running Status
- Shared Access

Control multiple devices in the same app

## SCAN QR CODE

TO VIEW SUBMITTAL SHEETS







# SPECIFICATIONS

## 230 VOLT

### COMPATIBLE WITH:

- Multi-Zone Series
- HyperTek® Series

### UNIVERSAL HIGH WALL

INDOOR MODEL	3PAMSHH09-UVW	3PAMSHH12-UVW	3PAMSHH18-UVW	3PAMSHH24-UVW
OUTDOOR MODEL*	3PAMSHH09-SZO	3PAMSHH12-SZO	3PAMSHH18-SZO	3PAMSHH24-SZO
<b>POWER REQUIREMENTS</b>				
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
<b>COOLING</b>				
Rated Capacity (BTU/h)	9000	12000	18000	23000
Input Power (W)	569	923	1385	1840
SEER/EER	25.5 / 15.8	22 / 13	21.5 / 13	21.5 / 12.5
<b>HEATING</b>				
Rated Capacity at 47°F (BTU/h)	12000	12000	18000	26000
Input Power (W)	902	978	1575	2540
COP	3.90	3.60	3.35	3.0
HSPF4 /5	12.5 / 10.5	12.7 / 10.8	11 / 9.2	11.5 / 9.7
Rated Capacity at 17°F (BTU/h)	12000	12000	19000	23000
Rated Capacity at 5°F (BTU/h)	10000	10000	18000	23000
COP at 5°F	1.8	1.8	1.78	1.75
<b>INDOOR UNIT</b>				
Indoor Air Flow (Hi/Mi/Lo) (CFM)	291 / 194 / 153	291 / 194 / 153	531 / 459 / 382	601 / 459 / 382
Indoor Noise Level (Hi/Mi/Lo) (dBA)	40 / 35 / 24	42 / 36 / 24	46 / 40 / 25	47 / 44 / 35
Dimension (W×D×H) (in)	31.5 × 8 × 11.75	31.5 × 8 × 11.75	42.75 × 9.75 × 13.25	42.75 × 9.75 × 13.25
Dimension (W×D×H) (mm)	802 × 200 × 295	802 × 200 × 295	1083 × 244 × 336	1082 × 234 × 337
Net Weight (lb/kg)	11 / 8.75	11 / 8.5	17 / 13.5	17.5 / 13.75
Gross Weight (lb/kg)	24.25 / 19	24.25 / 19	37.5 / 29.75	38.25 / 30
<b>REFRIGERANT &amp; PIPING (R410A)</b>				
Factory Charge per 25ft/5m (oz/g)	Does not apply	Does not apply	Does not apply	Does not apply
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ¼ / 6.35	1 × ⅜ / 9.52
Gas Side (in/mm)	1 × ⅜ / 9.52	1 × ½ / 12.7	1 × ½ / 12.7	1 × ⅝ / 15.9
<b>Wi-Fi® CONNECTION</b>				
Wi-Fi® Kit Available	Yes	Yes	Yes	Yes
Optional Kit Model Number	PAMSWIFI-AF-AG	PAMSWIFI-AF-AG	PAMSWIFI-AF-AG	PAMSWIFI-AF-AG

\*Specs are from testing with single-zone outdoor model shown. Actual specs may vary with different condenser types.

# MULTI-ZONE CONDENSERS

**One system, endless temperature control options.**

That's the beauty of a multi-zone mini-split cooling and supplemental heating system from Perfect Aire. With the installation of a single outdoor condenser, this system allows you to independently control up to 5 rooms within your home or business. Air goes directly where it needs to, so it's as energy efficient as can be—and your downsized energy bills will prove it. Keep things as cozy or cool as you like, zone by zone, with any of the indoor air handlers shown on pages 12-17.



**YEAR-ROUND USE**

All-in-one solution provides efficient cooling and supplemental heating for use throughout every season.

**INVERTER TECHNOLOGY**

Inverter compressor reduces friction for smoother rotation and less vibration, resulting in a quieter and more efficient air conditioner.

**COMPRESSOR/BASE PAN HEATER**

Built-in Compressor and Base Pan heaters provide more powerful heating operation even in extreme cold.

**SELF-DIAGNOSTIC FUNCTION**

System switches off automatically if abnormal operations or part failures are detected and indoor unit displays error/protection code.

**CONDENSER AUTO DEFROST**

Prolongs product life & improves energy savings.

**GOLDEN FIN**

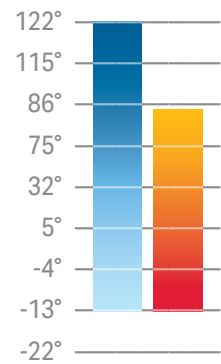
Anti-corrosive coating units withstands salty air, rain and other corrosive elements while improving heating efficiency by accelerating defrosting process.

**ENERGY STAR**

Condensers are Energy Star certified when paired with non-ducted heads.

**OPERATING RANGE (°F)**

COOLING | HEATING



**SCAN QR CODE**  
TO VIEW CAPACITY CHARTS




**SCAN QR CODE**  
TO VIEW SUBMITTAL SHEETS



# SPECIFICATIONS

## 230 VOLT

### MULTI-ZONE CONDENSERS

INDOOR MODEL	Non-ducted	Non-ducted	Non-ducted	Non-ducted
OUTDOOR MODEL	3PAMSH18-MZO2	3PAMSH27-MZO3	3PAMSH36-MZO4	3PAMSH48-MZO5
Energy Star Certified		—	—	—
<b>POWER REQUIREMENTS</b>				
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Minimum Circuit Ampacity (A)	18	24.5	25.0	40
Maximum Fuse Size (A)	25	30	40	60
<b>COOLING</b>				
Rated Capacity (BTU/h)	18000	27000	36000	48000
Input Power (W)	1437	2250	3600	4364
SEER/EER	21.5 / 12.5	22.5 / 12	21.8 / 10.5	21 / 11
<b>HEATING</b>				
Rated Capacity at 47°F (BTU/h)	19000	28000	37000	48000
Input Power (W)	1517	2250	3600	4364
COP	3.7	3.7	3.0	3.22
HSPF4 /5	10.6 / 8.6	10.2 / 8.3	11.5 / 9.5	10.5 / 8.5
Rated Capacity at 17°F (BTU/h)	15000	20640	29800	32000
Rated Capacity at 5°F (BTU/h)	12400	15500	23959	27000
COP at 5°F	1.75	1.75	1.75	1.65
<b>OUTDOOR UNIT</b>				
Dimension (W×D×H) (in)	35 × 13.5 × 26.5	37.25 × 16.25 × 32	37.25 × 16.25 × 32	37.5 × 16.5 × 52.5
Dimension (W×D×H) (mm)	890 × 342 × 673	946 × 410 × 810	946 × 410 × 810	952 × 415 × 1333
Net Weight (lb/kg)	100.5 / 45.5	139.75 / 63.5	169 / 76.75	225.5 / 102.5
Gross Weight (lb/kg)	108.75 / 49.5	150.75 / 68.5	181.5 / 82.5	256.75 / 116.5
Outdoor Noise Level (dBA)	59	61	63	64
Min. In/Outdoor Connect Cable	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code
<b>REFRIGERANT &amp; PIPING (R410A)</b>				
Factory Charge per 25ft/5m (oz/g)	65.26 / 1850	91.7 / 2600	134.04 / 3800	162 / 4600
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	2 × ¼ / 6.35	3 × ¼ / 6.35	4 × ¼ / 6.35	5 × ¼ / 6.35
Gas Side (in/mm)	2 × ⅜ / 9.52	3 × ⅜ / 9.52	3 × ⅜ / 9.52 + 1 × ½ / 12.7	3 × ⅜ / 9.52 + 2 × ½ / 12.7
Max. Length (ft/m)	131 / 40	197 / 60	262 / 80	262 / 80
Max. Length per Zone (ft/m)	82 / 25	98 / 30	115 / 35	115 / 35
Max. Difference in Height (IDU+ODU) (ft/m)	49 / 15	49 / 15	49 / 15	49 / 15
Max. Difference in Height (IDU+IDU) (ft/m)	33 / 10	33 / 10	33 / 10	33 / 10

# MULTI-ZONE CONDENSERS

## HyperTek® HEAT

Perfect Aire HyperTek® Multi-Zone Mini-Splits offer consistent warmth in extremely cold environments, down to -22°F. Perfect for adding supplemental heat or bringing warmth to drafty areas, these systems provide cost-effective installation with zero ductwork to install, zoned temperature control for multiple spaces and significant energy savings when compared to traditional central systems.



### HyperTek® HEAT

Operating temperature down to -22°F keeps you toasty even in the harshest winter environments.

### INVERTER TECHNOLOGY

Inverter compressor reduces friction for smoother rotation and less vibration, resulting in a quieter and more efficient air conditioner.

### COMPRESSOR/BASE PAN HEATER

Built-in Compressor and Base Pan heaters provide more powerful heating operation even in extreme cold.

### SELF-DIAGNOSTIC FUNCTION

System switches off automatically if abnormal operations or part failures are detected and indoor unit displays error / protection code.

### CONDENSER AUTO DEFROST

Prolongs product life & improves energy savings.

### GOLDEN FIN

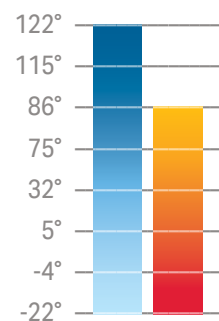
Anti-corrosive coating units withstands salty air, rain and other corrosive elements while improving heating efficiency by accelerating defrosting process.

### ENERGY STAR

Condensers are Energy Star certified when paired with non-ducted heads.

### OPERATING RANGE (°F)

COOLING | HEATING



SCAN QR CODE  
TO VIEW CAPACITY CHARTS



SCAN QR CODE  
TO VIEW SUBMITTAL SHEETS





# SPECIFICATIONS

## 230 VOLT

### MULTI-ZONE CONDENSERS - HyperTek® Heat

INDOOR MODEL	Non-ducted	Non-ducted	Non-ducted	Non-ducted
OUTDOOR MODEL	3PAMS18-HH-MZ02	3PAMS27-HH-MZ03	3PAMS36-HH-MZ04	3PAMS48-HH-MZ05
Energy Star Certified		—		—
<b>POWER REQUIREMENTS</b>				
Power Supply (V, Ph, Hz)	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Minimum Circuit Ampacity (A)	20	25.0	40	40
Maximum Fuse Size (A)	25	40	60	60
<b>COOLING</b>				
Rated Capacity (BTU/h)	19000	28000	36000	48000
Input Power (W)	1520	2545	2880	4364
SEER/EER	21 / 13	22 / 12	20 / 12.5	21 / 11
<b>HEATING</b>				
Rated Capacity at 47°F (BTU/h)	20000	28000	36500	49000
Input Power (W)	1640	2545	3000	4261
COP	3.6	3.2	3.52	3.4
HSPF4 /5	9.7 / 8	10 / 8	10.8 / 8.8	11.5 / 9.7
Rated Capacity at 17°F (BTU/h)	19500	26600	34800	48100
Rated Capacity at 5°F (BTU/h)	19000	24000	36000	48000
COP at 5°F	1.96	1.75	1.9	2.0
<b>OUTDOOR UNIT</b>				
Dimension (W×D×H) (in)	37.25 × 16.25 × 32	37.25 × 16.25 × 32	37.5 × 16.5 × 52.5	37.5 × 16.5 × 52.5
Dimension (W×D×H) (mm)	946 × 410 × 810	946 × 410 × 810	952 × 415 × 1333	952 × 415 × 1333
Net Weight (lb/kg)	138.25 / 62.75	168 / 76.25	223.25 / 101.25	238.5 / 108.25
Gross Weight (lb/kg)	149 / 67.75	179.75 / 81.5	254 / 115.25	270 / 122.5
Outdoor Noise Level (dBA)	61	63	63	65
Min. In/Outdoor Connect Cable	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code	Stranded - Per Local Code
<b>REFRIGERANT &amp; PIPING (R410A)</b>				
Factory Charge per 25ft/5m (oz/g)	91.7 / 2600	134.04 / 3800	162 / 4600	162 / 4600
Additional Charge per Foot (oz/g)	0.161 / 15	0.161 / 15	0.161 / 15	0.322 / 30
Liquid Side (in/mm)	2 × ¼ / 6.35	3 × ¼ / 6.35	4 × ¼ / 6.35	5 × ¼ / 6.35
Gas Side (in/mm)	2 × ⅜ / 9.52	3 × ⅜ / 9.52	3 × ⅜ / 9.52 + 1 × ½ / 12.7	3 × ⅜ / 9.52 + 2 × ½ / 12.7
Max. Length all Zones (ft/m)	131 / 40	197 / 60	262 / 80	262 / 80
Max. Length per Zone (ft/m)	82 / 25	98 / 30	115 / 35	115 / 35
Max. Difference in Height (IDU+ODU) (ft/m)	49 / 15	49 / 15	49 / 15	49 / 15
Max. Difference in Height (IDU+IDU) (ft/m)	33 / 10	33 / 10	33 / 10	33 / 10

- ✓ Compatible
- ✗ Not Compatible

# COMPATIBILITY CHART

		3PAMSH09A-SZW	3PAMSH09B-SZW	3PAMSH12A-SZW	3PAMSH12B-SZW	3PAMSH18B-SZW	3PAMSH24B-SZW	3PAMSH30B-SZW	3PAMSH36B-SZW
<b>SINGLE-ZONE</b>	3PAMSH09A-SZO	✓	✗	✗	✗	✗	✗	✗	✗
	3PAMSH09B-SZO	✗	✓	✗	✗	✗	✗	✗	✗
	3PAMSH12AA-SZO	✗	✗	✓	✗	✗	✗	✗	✗
	3PAMSH12B-SZO	✗	✗	✗	✓	✗	✗	✗	✗
	3PAMSH18B-SZO	✗	✗	✗	✗	✓	✗	✗	✗
	3PAMSH24B-SZO	✗	✗	✗	✗	✗	✓	✗	✗
	3PAMSH30B-SZO	✗	✗	✗	✗	✗	✗	✓	✗
	3PAMSH36B-SZO	✗	✗	✗	✗	✗	✗	✗	✓
<b>SINGLE-ZONE HyperTek® HEAT</b>	3PAMSHH09-SZO	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMSHH12-SZO	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMSHH18-SZO	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMSHH24-SZO	✗	✗	✗	✗	✗	✗	✗	✗
<b>MULTI-ZONE</b>	3PAMSH18-MZ02	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMSH27-MZ03	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMSH36-MZ04	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMSH48-MZ05	✗	✗	✗	✗	✗	✗	✗	✗
<b>MULTI-ZONE HyperTek® HEAT</b>	3PAMS18-HH-MZ02	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMS27-HH-MZ03	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMS36-HH-MZ04	✗	✗	✗	✗	✗	✗	✗	✗
	3PAMS48-HH-MZ05	✗	✗	✗	✗	✗	✗	✗	✗

**Single-Zone High Wall**

	3PAMSH09-UVW	3PAMSH12-UVW	3PAMSH18-UVW	3PAMSH24-UVW		3PAMSDH09	3PAMSDH12	3PAMSDH18	3PAMSDH24		3PAMSHCONH12	3PAMSFCH18		3PAMSCH12	3PAMSCH18	3PAMSCH24
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	x	x	x	x		x	x	x	x		x	x		x	x	x
	✓	x	x	x		✓	x	x	x		x	x		x	x	x
	x	✓	x	x		x	✓	x	x		✓	x		✓	x	x
	x	x	✓	x		x	x	✓	x		x	✓		x	✓	x
	x	x	x	✓		x	x	x	✓		x	x		x	x	✓
	✓	✓	x*	x*		✓	✓	x*	x*		✓	x*		✓	x*	x*
	✓	✓	✓	x*		✓	✓	✓	x*		✓	✓		✓	✓	x*
	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓	✓
	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓	✓
	✓	✓	x*	x*		✓	✓	x*	x*		✓	x*		✓	x*	x*
	✓	✓	✓	x*		✓	✓	✓	x*		✓	✓		✓	✓	x*
	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓	✓
	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓	✓

**Universal High Wall**

**Ducted**

**Console**

**Floor & Ceiling**

**Cassette**



**SCAN QR CODE**  
to see a complete list of past and current Perfect Aire mini split models.

# LINE SET COVER KITS

## 12' LINE SET COVER KIT | PROLSKIT-12

Typically used with 15' line set installations



### 12' KIT INCLUDES:

- 3 × Ducts (47.25" Ea.)
- 1 × Wall Outlet
- 1 × Flat Elbow
- 1 × End Cap
- 2 × Couplers
- 1 × Accessory Parts



### FEATURES

- Protect and hide mini-split system refrigerant lines
- Ultra-durable, easy to install, lightweight, and weatherproof
- Can be installed over existing pre-installed pipes
- Color - white (paintable)

## 20' LINE SET COVER KIT | PROLSKIT-20

Typically used with 25' line set installations



### 20' KIT INCLUDES:

- 5 × Ducts (47.25" Ea.)
- 1 × Wall Outlet
- 1 × Flat Elbow
- 1 × End Cap
- 4 × Couplers
- 1 × Accessory Parts



# LINE SET ACCESSORIES



ACCESSORIES	PROLSDUCT47-3	PROLSOUTLET-3	PROLSELBOW-3	PROLSBEND-3	PROLSCAP-3	PROLSCOUPLING-3	PROLST-3	PROLSFLEX -3
PKG. DIMENSIONS (W×H×D) (in.)	4 × 2.75 × 47.25	4.5-5×3-3.25×9	4 × 3 × 6	3 × 4.25 × 4.5	2.25 × 3 × 4.5	4.5 × 3 × 2.5	3 × 4.5 × 9.25	3.5 × 4 × 2.5
MASTER PACK QUANTITY	6	50	63	78	150	180	42	24



# QUICK START INSTALLATION KIT

- For Single-Zone and Multi-Zone Condensers
- Surge protection

*Sold as kit only - products not sold separately.*

	<b>MSK001</b>
<b>PKG. DIMENSIONS (W×H×D) (in.)</b>	11.5 × 11.5 × 7
<b>MASTER PACK QUANTITY</b>	1



### DISCONNECT BOX

- 60 amp non-fused metallic
- Non-fused pullout
- Rated NEMA 3R for outdoor use
- Line, load, and ground terminals aligned for easy hook up with heavy wires
- Full dead front
- Rear, bottom and side entry knockouts
- Heavy gauge steel case
- Large internal wiring space



### DITEK SURGE PROTECTOR

- Weatherproof enclosure
- Parallel connection for easy installation
- Diagnostic LED provides positive indication of power, ground presence, and surge protection
- Auto-resets to handle multiple surge events
- Typical applications: A/C disconnect, small electrical panels, pool/well pumps
- Half the response time as similar models



### ELECTRICAL WHIP

- One 1/2" diameter × 4' long liquid tight conduit
- Three #10 THHN conductors
- One straight and one 90° non-metallic connector
- Two 3/4" and 1/2" reducing washers



### WALL SLEEVE

- Telescopic from 5" to 7 3/4" long
- 3" outside diameter
- 2 7/8" interior diameter



### VALVE ADAPTER

- Converts the 5/16" SAE charging vacuum ports to accept 1/4" SAE gauge hose set

#### KIT INCLUDES:



# INSTALLATION ACCESSORIES



### ECOPAD™ PLASTIC EQUIPMENT PAD

**EP1838-3**



### 17" HEF-T-BLOCK MOUNTING BLOCKS *(Quantity of 2 per box)*

**230-MB17W**



### MINI-SPLIT STAND *(Holds up to 400 lbs.)*

**QSMS1801**



### MINI-SPLIT CONDENSER MOUNTING BRACKET

**MA-SB35**

#### ADDITIONAL ACCESSORIES

<b>PKG. DIMENSIONS (W×H×D) (in.)</b>	38 × 3 × 18	5 × 19 × 8.5	19 × 3 × 34	33.25 × 2.75 × 3.25
<b>MASTER PACK QUANTITY</b>	1	1	1	1

# WIRELESS & WIRED OPTIONS

Control your Perfect Aire mini-split system via your smart phone or with an LCD display wired controller!



PAMSWIFI-AF-KIT



PAMSWIFI-AF-AG



PAMSWIFI-LC

Wi-Fi® Kit for Economy Series	Wi-Fi® Kit for Universal High Wall	Wi-Fi® Kit for Light Commercial
PAMSWIFI-AF-KIT	PAMSWIFI-AF-AG	PAMSWIFI-LC
<b>COMPATIBLE INDOOR MODELS</b>		
<ul style="list-style-type: none"> <li>• 3PAMSH09A-SZW</li> <li>• 3PAMSH09B-SZW</li> <li>• 3PAMSH12A-SZW</li> <li>• 3PAMSH12B-SZW</li> <li>• 3PAMSH18B-SZW</li> <li>• 3PAMSH24B-SZW</li> </ul>	<ul style="list-style-type: none"> <li>• 3PAMSHH09-UVW</li> <li>• 3PAMSHH12-UVW</li> <li>• 3PAMSHH18-UVW</li> <li>• 3PAMSHH24-UVW</li> </ul>	<ul style="list-style-type: none"> <li>• 3PAMSCH12</li> <li>• 3PAMSCH18</li> <li>• 3PAMSCH24</li> <li>• 3PAMSDH09</li> <li>• 3PAMSDH12</li> <li>• 3PAMSDH18</li> <li>• 3PAMSDH24</li> <li>• 3PAMSFCH18</li> </ul>

**WIRELESS APP FEATURES** (Android & iOS):

- Daily & Weekly Schedules
- Operation Mode
- Temperature
- Fan Speed
- Running Status
- Shared Access
- Control multiple devices in the same app

<b>Wired Controller</b>	
3PAMS-WIRE-CON	2PAMS-WIRE-CON
<b>COMPATIBLE INDOOR MODELS</b>	
<ul style="list-style-type: none"> <li>• 3PAMSHH09-UVW</li> <li>• 3PAMSHH12-UVW</li> <li>• 3PAMSHH18-UVW</li> <li>• 3PAMSHH24-UVW</li> <li>• 3PAMSCH12</li> <li>• 3PAMSCH18</li> <li>• 3PAMSCH24</li> <li>• 3PAMSDH09</li> <li>• 3PAMSDH12</li> <li>• 3PAMSDH18</li> <li>• 3PAMSDH24</li> <li>• 3PAMSFCH18</li> </ul>	<ul style="list-style-type: none"> <li>• 3PAMSH09A-SZW</li> <li>• 3PAMSH09B-SZW</li> <li>• 3PAMSH12A-SZW</li> <li>• 3PAMSH12B-SZW</li> <li>• 3PAMSH18B-SZW</li> <li>• 3PAMSH24B-SZW</li> </ul>

**WIRED CONTROLLER FEATURES & FUNCTIONS:**

- LCD display shows time and current temperature\*
- 7-day schedule\*
- 24-hour timer
- Temperature
- Mode selection
- Fan speed
- Swing
- Child lock



3PAMS-WIRE-CON



2PAMS-WIRE-CON

\*3PAMS-WIRE-CON only

Wi-Fi® is a registered trademark of Wi-Fi Alliance®

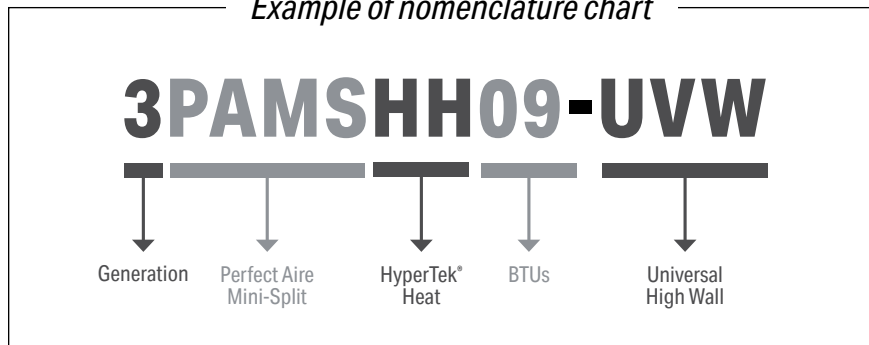
# MODEL # KEY *(per series)*

SINGLE-ZONE SYSTEMS	
Example: <b>3PAMSHH09-UVW</b>	
<b>3</b>	Generation
<b>PAMS</b>	Perfect Aire Mini-Split
<b>H</b>	Standard Heat
<b>HH</b>	HyperTek® Heat
<b>09</b>	BTU
<b>A/B</b>	115V/230V <i>(If not indicated, systems are 230V)</i>
<b>SZW</b>	Single-Zone Indoor Unit
<b>UVW</b>	Universal High Wall
<b>SZO</b>	Outdoor Unit
<b>SYS</b>	System

LIGHT COMMERCIAL	
Example: <b>3PAMSDH09</b>	
<b>3</b>	Generation
<b>PAMS</b>	Perfect Aire Mini-Split
<b>D</b>	Ducted
<b>CON</b>	Console
<b>FC</b>	Floor / Ceiling
<b>C</b>	Cassette
<b>H</b>	Standard Heat
<b>09</b>	BTU
<b>P</b>	Panel

MULTI-ZONE CONDENSERS	
Example: <b>3PAMSH18-MZ02</b>	
<b>3</b>	Generation
<b>PAMS</b>	Perfect Aire Mini-Split
<b>H</b>	Standard Heat
<b>HH</b>	HyperTek® Heat
<b>18</b>	BTU
<b>MZ</b>	Multi-Zone
<b>02</b>	# of Zones (2-5)

Example of nomenclature chart





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