

# 15 SEER SINGLE-ZONE INVERTER SPLIT

Perfect Aire<sup>®</sup> single-zone ductless mini-split systems provide maximum comfort, efficiency and control for single space environments. Whether the primary cooling or heating source or as supplemental solution to the more challenging applications, Perfect Aire offers single-zone split systems from 9,000 BTU (3/4 ton) all the way up to 36,000 BTU (3 ton) systems.

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### **Follow Me**

There is a built in sensor in the remote control effectively allowing the thermostat to be located anywhere in the room.

#### **Refrigerant Leakage Detect**

The indoor unit will sound an alarm when the outdoor unit detects a condition indicating refrigerant leakage.

Feature is standard on 9,000–22,000 BTU models only



#### **Golden Fin**

The Golden hydrophilic condenser can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand salty air, rain and other corrosive elements.



#### **Low Ambient Kit**

The air conditioner with a special built-in Low Ambient Kit can be used in temperatures as low as 5°F for cooling operation.

### **Heat Pump**

Ductless mini-split-system heat pumps make good additions to houses without forced air heating systems such as hot water heat, radiant panels, and space heaters. A reversing valve allows the unit to reverse the air conditioning during cold weather, absorbing heat from the outside and transferring inside. Mini-splits with heat pump are ideal for room additions where ductwork is not possible. Heat pumps allow mini-splits to provide year-round comfort. Be sure to choose a mini-split system that is sufficient for the space that you are looking to cool and find a professional installer experienced with mini-split installation.

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#### **Inverter Technology**

An inverter compressor is programmed to run at optimum speed, which is set by the input frequency as it varies between heat requirements. This means that if a mini-split is set at 70° F, and the room becomes hot and the compressor needs to cool it by a couple of degrees, a standard compressor will turn "On" with full power, while an inverter compressor only uses the energy it needs to reduce the room's temperature to the desired setting. On an average day, a standard compressor will have to turn on and off many times. An inverter compressor will turn on and reach the desired setting and remain at that setting until more energy is needed.

By using different rotation speed, the inverter compressor saves energy and operates more quietly than a regular compressor. Not having the compressor constantly turn on and off at maximum RPM increases the life of the inverter compressor.



# SPECIFICATIONS - 15 SEER SINGLE-ZONE INVERTER SPLIT

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FEATURES: (Full System)	1PAMSH09-14.5	1PAMSH09-15	1PAMSH12-15	1PAMSH18-15	1PAMSH22-15	1PAMSH30-16	1PAMSH36-14.5
Power Supply	208-230v	208-230v	208-230v	208-230v	208-230v	208-230v	208-230v
Cooling Capacity (Btu/h)	9,000	9,000	12,000	18,000	22,000	30,000	36,000
SEER (Btu/w)	14.5	15	15	15	15	16	14.5
EER (Btu/w)	9	10	9	9	9	10	8.8
HSPF4 (Btu/w)	8.2	8.2	8.2	8.2	8.2	9.6	9.0
Dehumidification (Pts/Hr)	2.1	2.1	3.0	3.8	5.3	2.8	2.8
Heating Capacity (Btu/h)	9,000	9,000	12,000	18,000	22,000	30,000	36,000
Heating Amps	4.3	4.0	5.5	8.0	9.7	11.0	15.2
INDOOR UNIT	1PAMSH09-SZW-14.5	1PAMSH09-SZW-15	1PAMSH12-SZW-15	1PAMSH18-SZW-15	1PAMSH22-SZW-15	1PAMSH30-SZW-16	1PAMSH36-SZW-14.5
Air Flow (CFM) (Hi/Mi/Lo)	290/240/210	310/255/230	350/310/240	440/390/280	740/680/560	970/840/740	970/840/740
Fan Speeds (Cool/Heat/Fan)	3	3	3	3	3	3	3
Sound Level (dBa) H-M-L	38/31/29	40/33/28	39/35/31	42/39/31	49/45/39	50/47/43	50/46/42
INDOOR UNIT DIMENSIONS							
Width (inches)	26 <sup>3/4</sup>	26 <sup>3/4</sup>	30 <sup>5/16</sup>	35 <sup>5/8</sup>	40 <sup>9/16</sup>	567/8	56 <sup>7/8</sup>
Height (inches)	10 <sup>3/8</sup>	10 <sup>3/8</sup>	101/16	10 <sup>13/16</sup>	12 <sup>3/8</sup>	13 <sup>3/8</sup>	13 <sup>3/8</sup>
Depth (inches)	7	7	7 <sup>3/8</sup>	7 <sup>13/16</sup>	89/16	107/8	107/8
Net Wt./Shipping Wt. (lbs)	15/18	15/18	16/21	20/25	26/33	53/71	53/71
OUTDOOR UNIT DIMENSIONS	1PAMSH09-SZ0-14.5	1PAMSH09-SZ0-15	1PAMSH12-SZ0-15	1PAMSH18-SZ0-15	1PAMSH22-SZ0-15	1PAMSH30-SZ0-16	1PAMSH36-SZ0-14.5
OUTDOOR UNIT DIMENSIONS Width (inches)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup>	1PAMSH09-SZ0-15 27 <sup>9/16</sup>	1PAMSH12-SZO-15 30 <sup>11/16</sup>	1PAMSH18-SZ0-15 29 <sup>15/16</sup>	1PAMSH22-SZ0-15 33 <sup>1/4</sup>	1PAMSH30-SZ0-16 35 <sup>1/4</sup>	1PAMSH36-SZ0-14.5 39
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup>	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup>	<b>1PAMSH12-SZ0-15</b> 30 <sup>11/16</sup> 21 <sup>1/4</sup>	<b>1PAMSH18-SZ0-15</b> 29 <sup>15/16</sup> 23 <sup>1/4</sup>	<b>1PAMSH22-SZ0-15</b> 33 <sup>1/4</sup> 27 <sup>9/16</sup>	<b>1PAMSH30-SZ0-16</b> 35 <sup>1/4</sup> 33 <sup>7/8</sup>	<b>1PAMSH36-SZ0-14.5</b> 39 38
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup>	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup>	1PAMSH12-SZ0-15           3011/16           211/4           913/16	1PAMSH18-SZ0-15           29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup>	1PAMSH22-SZ0-15           331/4           279/16           125/8	1PAMSH30-SZ0-16           35 <sup>1/4</sup> 33 <sup>7/8</sup> 13	1PAMSH36-SZO-14.5 39 38 13.5
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63	1PAMSH12-SZ0-15           3011/16           211/4           913/16           66/70	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111	1PAMSH30-SZ0-16           35 <sup>1/4</sup> 33 <sup>7/8</sup> 13           157/165	1PAMSH36-SZ0-14.5 39 38 13.5 181/190
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165	1PAMSH36-SZ0-14.5 39 38 13.5 181/190
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 Outdoor Unit	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 Outdoor Unit	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 Outdoor Unit	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 Outdoor Unit	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 Outdoor Unit	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 Outdoor Unit	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 Outdoor Unit
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 Outdoor Unit 10	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 Outdoor Unit 10	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 Outdoor Unit 10	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 Outdoor Unit 14	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 Outdoor Unit 16	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 0utdoor Unit 16	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 Outdoor Unit 20
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 0utdoor Unit 10 15	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 0utdoor Unit 10 15	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 0 0utdoor Unit 14 20	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 0utdoor Unit 16 25	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 0utdoor Unit 16 25	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 0utdoor Unit 20 30
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 0utdoor Unit 10 15 15 14AWG	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 0utdoor Unit 10 15 14AWG	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15 14AWG	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 0 0utdoor Unit 14 20 14AWG	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 0utdoor Unit 16 25 14AWG	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 0utdoor Unit 16 25 14AWG	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 0utdoor Unit 20 30 14AWG
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 Outdoor Unit 10 15 14AWG	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 Outdoor Unit 10 15 14AWG	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 Outdoor Unit 10 15 14AWG	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 Outdoor Unit 14 20 14AWG	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 0utdoor Unit 16 25 14AWG	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 0utdoor Unit 16 25 14AWG	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 Outdoor Unit 20 30 14AWG
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH) Liquid Connection (flare) (in.)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/18</sup> 54/58 Outdoor Unit 10 15 14AWG 1/4	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 0utdoor Unit 10 15 14AWG 14AWG	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 Outdoor Unit 10 15 14AWG 1/4	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 0 0utdoor Unit 14 20 14AWG 14AWG	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 04/111 00ttdoor Unit 16 25 14AWG 3/8	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 0utdoor Unit 16 25 14AWG 14AWG	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 0utdoor Unit 20 30 14AWG 3/8
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH) Liquid Connection (flare) (in.) Suction Connection (flare) (in.)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 00tdoor Unit 10 15 14AWG 15 14AWG 1/4 3/8	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 0utdoor Unit 10 15 14AWG 14AWG 1/4 3/8	1PAMSH12-S20-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15 14AWG 1/4 3/8	1PAMSH18-S20-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 000000000000000000000000000000000	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 0utdoor Unit 16 25 14AWG 3/8 5/8	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 0utdoor Unit 16 25 14AWG 3/8 5/8	1PAMSH36-SZ0-14.5 39 38 13.5 181/190 0utdoor Unit 20 30 14AWG 3/8 5/8
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH) Liquid Connection (flare) (in.) Suction Connection (flare) (in.) Maximum Line Set Length (ft)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 00tdoor Unit 10 15 14AWG 15 14AWG 15 14AWG	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 00tdoor Unit 10 15 14AWG 15 14AWG 12 1/4 3/8 82	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15 14AWG 1/4 3/8 82	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 000000000000000000000000000000000	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 00tdoor Unit 16 25 14AWG 3/8 5/8 98	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 157/165 00tdoor Unit 16 25 14AWG 3/8 5/8 164	1PAMSH36-SZ0-14.5         39         38         13.5         181/190         0utdoor Unit         20         30         14AWG         3/8         5/8         213
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH) Liquid Connection (flare) (in.) Suction Connection (flare) (in.) Maximum Line Set Length (ft) Max. Elevation (indoor/outdoor) (ft)	1PAMSH09-SZ0-14.5         279/16         211/4         97/16         54/58         0utdoor Unit         10         15         14AWG         1/4         3/8         82         33	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 559/63 000000000000000000000000000000000000	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15 14AWG 1/4 3/8 82 33	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 0 00tdoor Unit 14 20 14AWG 14AWG 14AWG 1/4 1/2 98 666	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 00tdoor Unit 16 25 14AWG 25 14AWG 3/8 5/8 98 98 66	1PAMSH30-SZ0-16         35 <sup>1/4</sup> 33 <sup>7/8</sup> 13         157/165         0utdoor Unit         16         25         14AWG         3/8         5/8         164         82	1PAMSH36-SZ0-14.5         39         38         13.5         181/190         0utdoor Unit         20         30         14AWG         3/8         5/8         213         98
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH) Liquid Connection (flare) (in.) Suction Connection (flare) (in.) Maximum Line Set Length (ft) Max. Elevation (indoor/outdoor) (ft) REFRIGERANT CHARGE (R-410A)	1PAMSH09-SZ0-14.5 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 54/58 0utdoor Unit 10 15 14AWG 15 14AWG 15 14AWG 3/8 82 33	1PAMSH09-S20-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 0utdoor Unit 10 15 14AWG 15 14AWG 1/4 3/8 82 33	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15 14AWG 1/4 3/8 82 33	1PAMSH18-SZ0-15 29 <sup>15/16</sup> 23 <sup>1/4</sup> 11 <sup>1/4</sup> 83/88 0 00tdoor Unit 14 20 14AWG 14AWG 1/4 1/2 98 66	1PAMSH22-SZ0-15 33 <sup>1/4</sup> 27 <sup>9/16</sup> 12 <sup>5/8</sup> 104/111 0utdoor Unit 16 25 14AWG 3/8 5/8 98 66	1PAMSH30-SZ0-16 35 <sup>1/4</sup> 33 <sup>7/8</sup> 13 13 157/165 0utdoor Unit 16 25 14AWG 3/8 3/8 5/8 164 82	1PAMSH36-SZ0-14.5         39         38         13.5         181/190         0utdoor Unit         20         30         14AWG         3/8         5/8         213         98
OUTDOOR UNIT DIMENSIONS Width (inches) Height (inches) Depth (inches) Net Wt./Shipping Wt. (lbs) ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Minimum Circuit Ampacity Max. Fuse/HACR Circuit Breaker Recommended Indoor/Outdoor Connecting Cable Type LINE SETS O.D. (INCH) Liquid Connection (flare) (in.) Suction Connection (flare) (in.) Maximum Line Set Length (ft) Max. Elevation (indoor/outdoor) (ft) REFRIGERANT CHARGE (R-410A) Factory Pre-Charge (ft)	1PAMSH09-SZ0-14.5         279/16         211/4         97/16         54/58         0utdoor Unit         10         15         14AWG         1/4         3/8         82         33         23         25	1PAMSH09-SZ0-15 27 <sup>9/16</sup> 21 <sup>1/4</sup> 9 <sup>7/16</sup> 59/63 0utdoor Unit 10 10 15 14AWG 15 14AWG 15 14AWG 15 14AWG 3/8 82 33 33	1PAMSH12-SZ0-15 30 <sup>11/16</sup> 21 <sup>1/4</sup> 9 <sup>13/16</sup> 66/70 0utdoor Unit 10 15 14AWG 1/4 3/8 82 33 25	1PAMSH18-SZ0-15         2915/16         231/4         111/4         83/88         0utdoor Unit         14         20         144WG         14         20         144WG         98         66         25	1PAMSH22-SZ0-15         331/4         279/16         125/8         104/111         0utdoor Unit         16         25         14AWG         3/8         5/8         98         66         25         23/8	1PAMSH30-SZ0-16         35 <sup>1/4</sup> 33 <sup>7/8</sup> 13         157/165         0utdoor Unit         16         25         14AWG         3/8         5/8         164         82         25	1PAMSH36-SZ0-14.5         39         39         38         13.5         181/190         0utdoor Unit         20         30         14AWG         3/8         5/8         213         98         25

MODEL NUMBER KEY (Example: 1PAMSH09-SZ0-15)

Perfect IPC

1 = Generation
PAMS = Perfect Aire Mini-Split
H = Heat Pump
09 = BTU Rating x 1,000
SZO = Single-Zone Outdoor Unit
SZW = Single-Zone Wall Unit
15 = SEER Rating





## Perfect Aire

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