



DUCTLESS MINI-SPLITS

REDEFINE INDOOR COMFORT WITH
MAXIMUM EFFICIENCY, CONTROL, FLEXIBILITY & CHOICE



FEATURES

COMFORT



360° 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



FOLLOW ME – 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



IFEEL REMOTE – Quick Connect Systems

Full-function “IFEEL” remote control includes a built-in thermostat that puts you in control of your comfort—anytime, anywhere



WI-FI CONNECTIVITY – Quick Connect Systems

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.

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

Anticorrosive coating on indoor and outdoor units withstands salty air, rain and other corrosive elements while improving heating efficiency by accelerating defrosting process

RELIABILITY



LOW AMBIENT OPERATION

With a special built-in kit the air conditioner can be used in temperatures as low as 5°F for cooling



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



SILVER ION FILTER

Nano Silver attached to filter releases Silver Ion to kill or deactivate bacteria

WARRANTY INFORMATION



INITIAL 30 MONTH WARRANTY

Single Zone and Multi-zone

Confident in the quality of our products and their performance, we stand behind our products with an outstanding Initial 30 Month Warranty. If any part of your unit proves to be defective due to material and/or improper workmanship under normal conditions and use during the first 30 months of its original installation, at our option, we will either replace the defective part, or the entire unit – at no cost.



7 YEAR PARTS WARRANTY

Single Zone and Multi-zone

If any part of your unit proves to be defective due to material and/or improper workmanship under normal conditions

and use within seven (7) years from the original date of installation, at our option, we will replace the defective part – at no cost.



7 YEAR COMPRESSOR WARRANTY

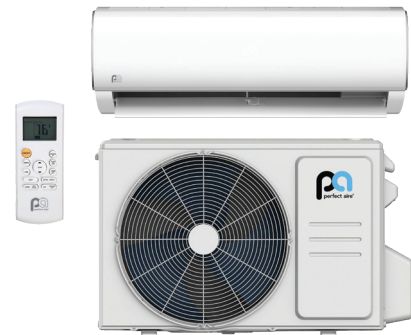
Single Zone and Multi-zone

If the compressor of your unit proves to be defective due to material and/or improper workmanship under normal conditions and use within seven (7) years from the original date of installation, we will replace the defective compressor – at no cost.

SINGLE-ZONE MINI-SPLIT

16+ SEER

Providing maximum comfort, efficiency and control for single space environments, Perfect Aire 16+ SEER Series offers single-zone ductless systems from 9,000 Btu up to 36,000 Btu for use as primary cooling or heating sources. Operational temperature range is 5°F to 122°F in cooling mode and 5°F to 86°F in heating mode.



FULL SYSTEM		3PAMSH09A-16.5	3PAMSH09B-16.5	3PAMSH12A-16.5	3PAMSH12B-16.8
	POWER SUPPLY (V)	115	208-230	115	208-230
	SEER/EER (Btu/W)	16.5/10.1	16.5/8.8	16.5/8.8	16.8/8.8
	COOLING CAPACITY (Btu/h)	9,000	9,000	12,000	12,000
	RATED CURRENT COOLING (A)	7.5	4.45	11.89	5.92
	HEATING CAPACITY (Btu/h)	9,800	10,000	12,000	12,000
	RATED CURRENT HEATING (A)	8.9	4.39	10.54	5.27
	HSPF4/HSPF5 (Btu/W)	9.8/7.8	9.4/8.0	9.4/7.7	9.4/8.0
	DEHUMIDIFICATION (pts./Hr.)	2.1	2.5	2.1	2.5
		3PAMSH18B-16.8	3PAMSH24B-16.5	2PAMSH30B-18	2PAMSH36B-16
	POWER SUPPLY (V)	208-230	208-230	208-230	208-230
	SEER/EER (Btu/W)	16.8/9.9	16.5/8.9	18/10.5	16/8.5
	COOLING CAPACITY (Btu/h)	17,000	24,000	30,000	36,000
	RATED CURRENT COOLING (A)	7.6	12.3	12.5	18.5
	HEATING CAPACITY (Btu/h)	18,000	24,000	30,000	36,000
	RATED CURRENT HEATING (A)	7.5	11.3	13.5	16.7
	HSPF4/HSPF5 (Btu/W)	9.7/8.0	9.5/8.0	9.6/ 8.1	10/ 8.4
	DEHUMIDIFICATION (pts./Hr.)	4.2	5.0	7.0	8.5
HIGH WALL UNIT		3PAMSH09A-SZW	3PAMSH09B-SZW	3PAMSH12A-SZW	3PAMSH12B-SZW
	AIR FLOW (CFM) (Hi/Mi/Lo)	265/212/159	318/241/176	318/241/176	318/241/176
	FAN SPEEDS (R/Min.) (Hi/Mi/Lo)	1180/950/750	1200/950/750	1180/950/750	1180/950/750
	SOUND LEVEL (dBA) (Hi/Lo)	39.5/26	41.5/25.5	41/27.5	41.5/25.5
	UNIT				
	UNIT DIMENSIONS (WxHxD) (in.)	28 1/4 x 11 1/4 x 7 3/4	31 3/4 x 11 1/4 x 7 3/4	31 3/4 x 11 1/4 x 7 3/4	31 3/4 x 11 1/4 x 7 3/4
	NET WT./SHIPPING WT. (lbs.)	15.9/20.5	17.2/22	17.2/22.5	17.2/22
		3PAMSH18B-SZW	3PAMSH24B-SZW	2PAMSH30B-SZW-18	2PAMSH36B-SZW-16
	AIR FLOW (CFM) (Hi/Mi/Lo)	464/369/275	565/447/341	795/618/471	853/647/471
	FAN SPEEDS (R/Min.) (Hi/Mi/Lo)	1200/1000/800	1200/1000/800	1200/1050/950	1200/1050/750
	SOUND LEVEL (dBA) (Hi/Lo)	44/30	46/33.5	52.5/44.5	54.5/38.5
	UNIT				
	UNIT DIMENSIONS (WxHxD) (in.)	37 3/4 x 12 x 8 1/2	41 x 13 x 8 3/4	49 9/16 x 14 1/4 x 11 1/8	49 9/16 x 14 1/4 x 11 1/8
	NET WT./SHIPPING WT. (lbs.)	22.9/29.3	28.88/36.60	43/56	43/56

	3PAMSH09A-SZO	3PAMSH09B-SZO	3PAMSH12AA-SZO	3PAMSH12B-SZO
ELECTRICAL DATA				
MAIN POWER CONNECTION	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
MINIMUM CIRCUIT AMPACITY (A)	16	9	17	9
MAX. FUSE (A)	25	15	25	15
MIN. IN/OUTDOOR CONNECT CABLE	16AWG x 4 (Stranded, unshielded)			
LINE SETS O.D.				
LIQUID CONNECTION (Flare) (in.)	1/4	1/4	1/4	1/4
SUCTION CONNECTION (Flare) (in.)	3/8	3/8	3/8	3/8
MAX. LINE SET LENGTH (ft.)	82	82	82	82
MAX. ELEVATION (Indoor/Outdoor) (ft.)	33	33	33	33
REFRIGERANT CHAGRE (R-410A)				
FACTORY PRE-CHARGE (ft./oz.)	25/20.46	25/25.75	25/25.75	25/25.75
ADDITIONAL REFRIGERANT (oz./ft.)	0.161	0.161	0.161	0.161
UNIT				
UNIT DIMENSIONS (WxHxD) (in.)	28 1/2 x 19 1/2 x 10 3/4	28 1/2 x 19 1/2 x 10 3/4	28 1/2 x 19 1/2 x 10 3/4	28 1/2 x 19 1/2 x 10 3/4
NET WT./SHIPPING WT. (lbs.)	54.67/58.42	52.91/56.44	55.12/58.86	52.91/56.44

	3PAMSH18B-SZO	3PAMSH24B-SZO	2PAMSH30B-SZO-18	2PAMSH36B-SZO-16
ELECTRICAL DATA				
MAIN POWER CONNECTION	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
MINIMUM CIRCUIT AMPACITY (A)	15	19	20	25
MAX. FUSE (A)	20	30	30	35
MIN. IN/OUTDOOR CONNECT CABLE	16AWG x 4 (Stranded, unshielded)			
LINE SETS O.D.				
LIQUID CONNECTION (Flare) (in.)	1/4	3/8	3/8	3/8
SUCTION CONNECTION (Flare) (in.)	1/2	5/8	5/8	5/8
MAX. LINE SET LENGTH (ft.)	98	98	164	213
MAX. ELEVATION (Indoor/Outdoor) (ft.)	66	66	82	98
REFRIGERANT CHARGE (R-410A)				
FACTORY PRE-CHARGE (ft./oz.)	25/47.97	25/62.8	25/97.0	25/119.9
ADDITIONAL REFRIGERANT (oz./ft.)	0.161	0.322	0.322	0.322
UNIT DIMENSIONS				
UNIT DIMENSIONS (WxHxD) (in.)	30 1/4 x 22 x 12	35 x 26 1/2 x 13 1/2	37 1/4 x 31 7/8 x 16 9/16	37 1/4 x 31 7/8 x 16 9/16
NET WT./SHIPPING WT. (lbs.)	64.2/69.7	97.89/104.5	138/148	143/153