



Product Specification Sheet

FLOATING AIR® PRO | WALL-MOUNTED HEAT PUMPS

PERFORMANCE RATINGS

System Model No.	FPHW093B	FPHW123B	FPHW183B	FPHW243B
Indoor Model	FAHFW09A3A	FAHFW12A3A	FAHFW18A3A	FAHFW24A3A
Outdoor Model	FPHSR09A3B	FPHSR12A3B	FPHSR18A3B	FPHSR24A3B

SPECIFICATIONS

Capacity Cooling (Rated)	Btu	9,000	12,000	18,000	24,000
Capacity Cooling (Min.-Max.)	Btu	3,600-10,000	4,000-13,000	6,500-19,000	8,000-25,000
Capacity Heating (Rated) @ 47°F	Btu	9,000	12,000	18,000	24,000
Capacity Heating (Rated) @ 17°F	Btu	9,000	10,800	18,000	22,000
Capacity Heating (Min.-Max.)	Btu	3,600-10,000	4,000-13,000	6,500-19,000	8,000-25,000
Capacity Heating (M1 Calc) @ 5°F	Btu	9,000	10,500	18,000	19,200
Capacity Heating (Min.-Max.) @ -4°F	Btu	6,700	7,700	13,700	14,100
Sensible Heat Ratio		83.0%	73.0%	79.0%	70%
COP		4.0	3.9	3.7	3.3
HSPF2		11.0	10.0	10.0	9.5
SEER2		25.0	23.0	21.0	22.5
EER2		13.7	12.3	12.95	12.3
ENERGY STAR®		YES	YES	YES	YES
Moisture Removal	Pts/h	1.6	2.2	2.7	4.0
Airflow - (High/Med/Low/Quiet)	CFM	382/341/294/247	394/364/311/252	647/588/482/382	705/647/558/441
Sound Rating - Indoor (Max/High/Med/Low/Quiet)	dB-A	42/39/37/35/32	42/39/37/35/32	48/45/41/39/36	50/48/43/41/39
Sound Rating - Outdoor	dB-A	53	53	58	61
Operating Range Indoor (Heating)	°F	[45°F - 81°F]	[45°F - 81°F]	[45°F - 81°F]	[45°F - 81°F]
Operating Range Outdoor (Heating)	°F	[-13°F - 75°F]	[-13°F - 75°F]	[-13°F - 75°F]	[-13°F - 75°F]
Operating Range Indoor (Cooling)	°F	[70°F - 90°F]	[70°F - 90°F]	[70°F - 90°F]	[70°F - 90°F]
Operating Range Outdoor (Cooling)	°F	[5°F - 118°F]	[5°F - 118°F]	[5°F - 118°F]	[5°F - 118°F]
Est. Yearly Operating Cost	U.S. \$	\$58	\$90	\$125	\$180

ELECTRICAL DATA

Power Source	V-Hz-Phase	230/208V	230/208V	230/208V-60Hz-1P	230/208V-60Hz-1P
Min. Ampacity	A	9.5	10.5	20.0	22.0
Cooling Watts	W	590	979	1360	1955
Cooling Amps	A	2.6	4.3	6.1	8.3
Heating Watts	W	690.0	901.0	1460.0	2100.0
Heating Amps	A	3.1	4.1	6.5	9.3
Max. TD Fuse/Breaker	A	15	15	30	35
Power and Communication Cable	No. x AWG	4 x 14AWG	4 x 14AWG	4 x 14AWG	4 x 14AWG

REFRIGERATION SYSTEM

Refrigerant		R-454B	R-454B	R-454B	R-454B
Compressor Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Connections		Flared	Flared	Flared	Flared
Liquid Line O.D.	in.	1/4	1/4	1/4	3/8
Suction Line O.D.	in.	3/8	3/8	1/2	5/8
Refrigerant Charge	oz.	35.0	38.0	53.0	71.0
Factory Precharge	ft.	25'	25'	25'	25'
Min. / Max. Line Length	ft.	10' / 66'	10' / 66'	10' / 100'	10' / 100'
Max. Height Difference	ft.	50'	50'	50'	50'

DIMENSIONS & WEIGHT

Indoor Unit					
W x H x D	in.	33 7/8" x 11 3/16" x 8 1/2"		45 1/8" x 13 1/8" x 10"	
Net Weight	lbs.	22	22	34.0	34.0
Shipping Weight	lbs.	26.5	26.5	37.4	37.4
Outdoor Unit					
W x H x D	in.	31 7/8" x 23" x 11"		33 7/8" x 25 1/2" x 12 1/8"	35 7/16" x 29 1/2" x 13 3/8"
Net Weight	lbs.	70.6	70.6	97	112.0
Shipping Weight	lbs.	82.0	82.0	106.0	121.0
Total Net Weight	lbs.	92.6	92.6	131.0	146.0
Total Shipping Weight	lbs.	108.5	108.5	143.4	158.4

Due to continuing research in new energy-saving technology, specifications are subject to change without notice. Your energy costs will depend on your utility rates and use. The estimated energy cost is based on a electricity cost of \$.13 per kWh. For more information, visit -www.ftc.gov/energy.

CERTIFICATIONS

