

# SELECT SERIES SPECIFICATIONS

PERFORMANCE RATINGS		115 volt models		230/208 volt models		
SYSTEM MODEL NO.		FSHW091	FSHW121	FSHW183	FSHW243	FSHW363
INDOOR MODEL		FSHSW09A1A	FSHSW12A1A	FSHSW18A3A	FSHSW24A3A	FSHSW36A3A
OUTDOOR MODEL		FHSR09A1A	FHSR12A1A	FHSR18A3A	FHSR24A3A	FHSR36A3A
<b>SPECIFICATIONS</b>						
CAPACITY COOLING (RATED)	Btu	9000	12000	18000	24000	36000
CAPACITY COOLING MIN - MAX	Btu	3100-9600	3100-12500	3412-20472	8600-24000	7404-35997
CAPACITY HEATING (RATED) @ 47°F	Btu	9500	13000	19800	24000	34600
CAPACITY HEATING (RATED) @ 17°F	Btu	6800	7100	12800	14600	20200
CAPACITY HEATING MIN - MAX	Btu	3100-12000	3412-15013	3412-21837	8600-26000	14979-35997
SENSIBLE HEAT RATIO		0.79	0.73	0.77	0.77	0.75
HSPF		9.0	9.0	9.0	10.0	9.0
SEER		18.0	18.0	18.0	18.0	18.0
EER		10.0	10.1	9.89	11.0	8.2
MOISTURE REMOVAL	Pts/h	1.69	2.96	3.8	4.23	7.4
AIRFLOW (HIGH/MED/LOW/QUIET)	CFM	318/288/241/171	400/318/241/194	500/441/383/294	588/441/306/206	883/765/647/559
SOUND RATING - INDOOR (HIGH/MED/LOW/QUIET)	dB-A	43/38/34/28	43/39/35/29	47/44/41/35	49/46/42/36	54/49/44/37
SOUND RATING - OUTDOOR	dB-A	52	53	57	58	65
OPERATING RANGE (HEATING)	°F	-4-75	-4-75	-13-75	-13-75	-4-75
OPERATING RANGE (COOLING)	°F	0-115	0-115	0-115	0-115	0-115
EST. YEARLY OPERATING COST	U.S. \$	\$67	\$113	\$146	\$198	\$368
<b>ELECTRICAL DATA</b>						
POWER SOURCE	V-Hz-Phase	115-60-1	115-60-1	230/208-60-1	230/208-60-1	230/208-60-1
MIN. AMPACITY	A	17	20	16	16	24
COOLING WATTS	W	900	1194	1820	2010	4100
COOLING AMPS	A	10.87	13.0	8.1	17.0	10.87
HEATING WATTS	W	870	1250	2090	2130	3800
HEATING AMPS	A	10.36	13.5	8.5	9.45	16.5
MAX. TD FUSE/BREAKER	A	25	30	25	25	40
<b>REFRIGERATION SYSTEM</b>						
REFRIGERANT		R410A	R410A	R410A	R410A	R410A
COMPRESSOR TYPE		Inverter	Inverter	Inverter	Inverter	Inverter
CONNECTIONS		Flare	Flare	Flare	Flare	Flare
LIQUID LINE O.D.	in	1/4"	1/4"	1/4"	1/4"	1/4"
SUCTION LINE O.D.	in	3/8"	3/8"	1/2"	5/8"	5/8"
REFRIGERANT CHARGE	oz.	24.7	31.8	45.68	56.4	91.71
FACTORY PRECHARGE	ft	25	25	25	25	25
MIN. / MAX. LINE LENGTH	ft	7/66	7/98	10/82	10/82	15/98
MAX. HEIGHT DIFFERENCE	ft	32.8	49.2	65.0	65.6	32.8
<b>DIMENSIONS &amp; WEIGHT</b>						
<b>INDOOR UNIT</b>						
W x H x D	in	31 1/8 x 10 7/8 x 8	31 1/8 x 11 3/8 x 8	33 1/4 x 11 7/8 x 9	42 1/2 x 12 7/8 x 10	53 1/8 x 12 7/8 x 10
NET WEIGHT	lbs	20.9	23.2	30.9	37.5	42.0
SHIPPING WEIGHT	lbs	25.4	27.6	37.5	45.2	51.8
<b>OUTDOOR UNIT</b>						
W x H x D	in	33 1/2 x 21 1/4 x 12 5/8		37 5/8 x 27 5/8 x 15 5/8		38 5/8 x 31 1/8 x 16 7/8
NET WEIGHT	lbs	62.8	67.3	97.0	103.6	161
SHIPPING WEIGHT	lbs	68.4	72.8	106.9	113.5	171.9
TOTAL NET WEIGHT	lbs	83.7	90.5	127.9	141.1	203
TOTAL SHIPPING WEIGHT	lbs	93.8	100.4	144.4	158.7	223.7

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

