

Model			FA-H09A20TL	FA-H12A20TL	FA-H09-D20TL	FA-H12-D20TL	FA-H18-D20TL	FA-H24-D20TL	FA-H36-D20TL	
Power supply			115V~/60Hz/1P	115V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P	230V~/60Hz/1P	230V~/60Hz/1P	230V~/60Hz/1P	
Rated cooling capacity	Btu/h		9000	12000	9000	12000	18000	24000	36000	
Rated Heating capacity	Btu/h		9500	12000	10000	12500	19000	24500	36000	
SEER	Btu/W.h		20	20	19	19	19	18	17	
HSPF Rating (Region IV)	Btu/W.h		10.5	10	10	9.5	10	10	9	
EER	Btu/W.h		12.0	10.5	11.0	10.5	10.0	9.5	9.5	
COP	W/W		3.4	3.0	3.0	3.2	3.0	3.0	3	
MXimum Operation Pressure	PSIG		650							
MXimum Fuse Size	A		25	25	15	20	20	20	20	
MX Current	Cooling	A	8.5	12.1	4.6	6.1	9.7	13.1	16.0	
	Heating	A	8.7	12.1	5.5	6.1	9.7	13.1	19.0	
MX Power input	Cooling	W	940	1340	1010	1360	2150	2890	4080	
	Heating	W	960	1340	1210	1360	2150	2890	4180	
Rated current	Cooling	A	6.8	9.7	3.7	4.9	7.8	10.5	12.8	
	Heating	A	7.0	9.7	4.4	4.9	7.8	10.5	15.2	
Rated input	Cooling	W	750	1070	810	1090	1720	2310	3270	
	Heating	W	770	1070	970	1090	1720	2310	3350	
Annual Energy Consumption	Kw.h		375	535	405	545	860	1155	1635	
Moisture removal	Liters/h		1.1	1.6	1.1	1.6	2.45	2.6	2.6	
Indoor noise level at cooling	High	dB(A)	38	40	38	40	44	50	50	
	Med.	dB(A)	35	37	35	37	39	46	46	
	Low	dB(A)	32	34	32	34	34	42	42	
Outdoor noise level	dB(A)		50	52	50	52	55	58	58	
Connecting Pipe	Gas	inches	3/8"					1/2"		5/8"
	Liquid	inches	1/4"							3/8"
Connecting Wiring	Size x Core number		4×16AWG							
Dimensions (W x H x D)	Indoor	inch	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	31.92x11.49x8.07	39.76x12.40x8.66	46.69x13.38x10.23	46.69x13.38x10.23	
	Outdoor	inch	28.66x21.65x11.22	28.66x21.65x11.22	28.14x19.37x9.44	28.14x19.37x9.44	30.70x23.81x11.41	33.26x27.51x14.96	35.43x31.69x14.17	
Indoor air circulation/Hi	m ³ /h		600	650	550	670	1030	1500		
Evaporator	mm		Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x2	Φ7x3	
Condenser	mm		Φ7x1	Φ7x2	Φ7x1	Φ7x2	Φ7x2	Φ7x2	Φ7x3	
Factory Refrigerant charge(7.5m pipe)	g/oz		770g / 27.16ozs	1000g / 35.27ozs	800g / 28.21ozs	950g / 33.5 ozs	1150g / 40.56ozs	1550g / 54.67ozs	2600g / 91.71ozs	
Factory Precharge Line	(m/ft)		7.5 / 25							
MXimum Line Length	(m/ft)		15 / 50							
MXimum Height Difference Between Indoor and Outdoor	(m/ft)		5 / 16.4							
Operation temperature	°C		16~31							
Working Temperature	Indoor(cooling/heating)	°C	>=17/<=30							
	Outdoor(cooling/heating)	°C	-15~50/-25~30							