




Best Practices Guide: Fuel Switching HVAC




Introduction

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HVAC Product Specifications:

110-120V

<u>Model</u>	<u>Picture</u>	<u>CFM</u>	<u>HVAC Type</u>	<u>Heat/Cool Capacity (BTU)</u>	<u>Power Heat/Cool (W)</u>	<u>Amp</u>	<u>COP</u>	<u>Refrigerant Type</u>
Frigidaire FFRH0822Q1		216-278	Window mount Heat Pump	7000/8000	780/816	7.4	9.0	R-410A
			Electric Resistance	3500	1290	11.6		
Gree 26TTW09HP1 15V1A		223-270	Through wall Heat pump	8500/9000	830/920	8.4	3.0	R-410A
			Electric resistance	3900	1150	7.6		
Friedrich YS10N10C		300	Through wall or window Heat pump	8800/10000	978/917	7.9/9	3.2	R-410A




<u>Model</u>	<u>Picture</u>	<u>CFM</u>	<u>HVAC Type</u>	<u>Efficiency</u>	<u>Power (W)</u>	<u>Amps</u>	<u>Voltage</u>	<u>Refrigerant Type</u>
Fantech SH704		42-96	Wall mount	57%	48	.36	120	Air
Honeywell ER200		80-250	Window mount	75%	182	1.4	120	Air
Panasonic FV-04VE1		10-40	Ceiling insert ventilator	36%	10	.15	120	Air

208/230V

<u>Model</u>	<u>Picture</u>	<u>CFM</u>	<u>HVAC Type</u>	<u>Heat/Cool Capacity (BTU)</u>	<u>Power Heat/Cool (W)</u>	<u>Amp</u>	<u>COP</u>	<u>Refrigerant Type</u>
Arama APTHP15000		333/405	Through wall Heat pump	14330/14000	1415/1420	6.83	3.04	R-410A
			Electric heating component	68224 /10236 /17060	230V 2/3/5KW			
Amana AH123G35AX		280	Through wall heat pump	10,200 / 9,900	1,150 /1,110	5.1 / 5.3	2.6	R-410A
			Electric heating component	10,700 / 8,500	3,580 / 2,770	16.0 / 14.6		
Amana AH183G35AX		590	Through wall heat pump	14,300 / 14,000	1,520 / 1,490	6.5 / 7.0	2.8	
			Electric heating component	11,000 / 9,000	3,680 / 3,030	16.0 / 15.6		
Friedrich VRP12K / VRP12R			Outdoor Unit Heat Pump	11,500 /12,000	991/923	4.8	3.4	R-410A
Lennox XP25		-	Heat Pump Solar Ready	-	-	-	-	R-410A
Goodman GSZC18 0481C		2.8	Split System Heat Pump	51-49.5	4.15	28.3	1.76-4.65	R-410A
Fujitsu FO*14R		2410-4780	Heat Pump	17.3-60.5	17.6-5.28	12-32	3.5-3.8	R-410A
York Affinity Series YZH		2990-3460	Outdoor Unit Heat Pump	3		17.5-36.9	3.14-4.30	R-410A
Trane XV20i		4787	Outdoor Heat Pump	-	-	17-23		R-410A
Infinity 20 25VNA0		2700-5000	Variable Speed Heat Pump	0.698-1.354/ 0.726-1.650	0.53-0.60	30-50	3.18-4.7	Puron
Arama APTHP15000		333/405	Through wall Heat pump	14330/14000	1415/1420	6.83	3.04	R-410A
			Electric heating component	68224/ 10236/ 17060	2000/ 3000/ 5000			
Amana AH123G35AX		280	Through wall heat pump	10,200 / 9,900	1,150 / 1,110	5.3	2.6	R-410A
			Electric heating component	10,700 / 8,500	3,580 / 2 770	16.0 / 14.6		

Ductless Mini Splits



<u>Model</u>	<u>Picture</u>	<u>CFM</u>	<u>HVAC Type</u>	<u>Heat/Cool Capacity (BTU)</u>	<u>Power Heat/Cool (kW)</u>	<u>Volts (Amp)</u>	<u>COP [HSPF] (SEER)</u>	<u>Temp. Operating range (F) (Heating/ Cooling)</u>	<u>Number of Zones</u>
Fujitsu AOU36RLXF Z1		<u>306-542</u>	<u>Mini Split Compressor</u>	<u>22,000-32,500/35,200</u>	<u>1.29/2.69</u> <u>1.44/1.89</u>	<u>230</u> <u>(20.3)</u>	<u>[10.6]</u> <u>(19.0)</u>	<u>5 - 75</u> <u>14 - 115</u>	<u>4</u>
Fujitsu AOU24RLXF ZH			<u>Mini Split Compressor</u>	<u>25,000/22,000</u>	<u>1.81</u>	<u>230</u> <u>(20.8)</u>	<u>[10.3]</u> <u>(20)</u>	<u>-15 - 75</u> <u>14 - 115</u>	<u>2-4</u>
LG LMU18CHV		<u>1,766</u>	<u>Mini Split Compressor</u>	<u>22,000/17,000</u>	<u>0.09</u>	<u>230</u> <u>(11.09)</u>	<u>[9.7]</u> <u>(22)</u>	<u>-4 - 64</u> <u>14 - 118</u>	<u>2</u>