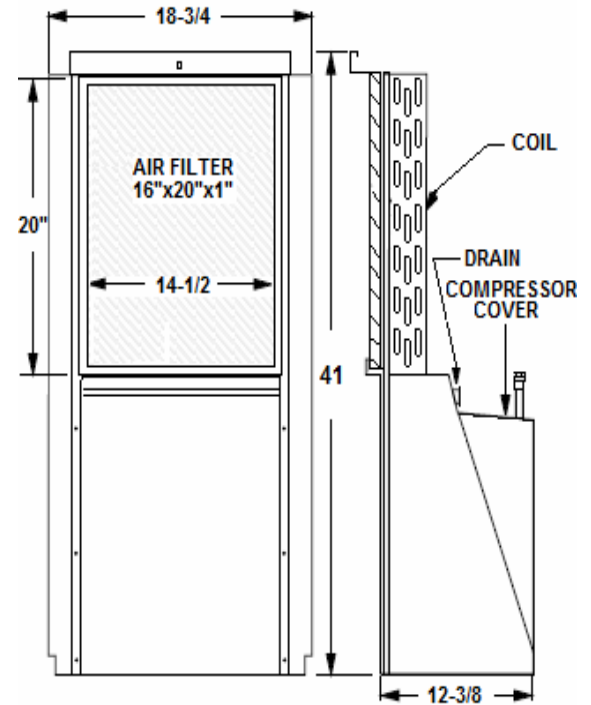
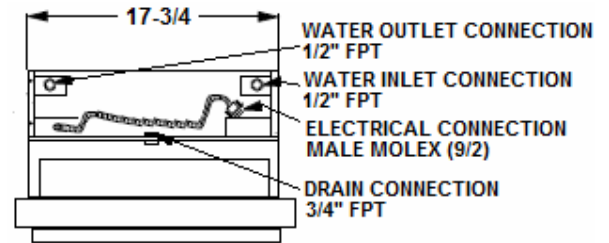


Singer/McQuay & ElectroHydronic Replacement Heat Pumps

GENERAL PRODUCT SPECIFICATIONS					
Model Number	WPS10-HPB	WPS12-HPB	WPS15-HPB	WPS20-HPB	WPS24-HPB
Nominal Cooling (tons)	0.83	1.00	1.25	1.7	2.0
COOLING CYCLE					
Total BTUH	10,150	12,100	15,400	20,000	25,000
HEATING CYCLE					
Total Heating	12,000	16,000	18,000	24,000	28,800
COMPRESSOR TYPE	Rotary	Rotary	Rotary	Rotary	Scroll
Refrigerant R410a (oz)	26	26	26	32	40
FILTER 1" Washable	16 x 24	16 x 24	16 x 24	16 x 24	20 x 24
CONDENSER COIL	Coaxial - Tube in Tube				
Gallons Per Minute	2.5	3.0	3.7	5.0	6.0
Water In Connection	1/2	1/2	1/2	1/2	1/2
Water Out Connection	1/2	1/2	1/2	1/2	1/2
Condensate Connection	3/4 Pipe	3/4 Pipe	3/4 Pipe	3/4 Pipe	3/4 Pipe
EVAPORATOR COIL - TYPE	Copper Tube-Aluminum Fins				
Refrigerant Control	TXV	TXV	TXV	TXV	TXV



Note: These chassis are designed to work with the existing blower. Before installing the new chassis, cleaning, repairing or replacement of the blower may be required to ensure the rated airflow is attained. Chassis must replace a unit of like capacity to assure proper airflow and power supply.



ELECTRICAL DATA						
Model No.	Electrical	Compressor		Unit Total	Min. Circuit	Maximum Fuse
		RLA	LRA			
WPS10-1HPB	208/230/60/1	4.5	25	4.5	5.6	15
WPS10-2HPB	265/277/60/1	4.0	23	4.0	5.0	15
WPS12-1HPB	208/230/60/1	4.7	25	4.7	5.8	15
WPS12-2HPB	265/277/60/1	4.2	22	4.2	5.3	15
WPS15-1HPB	208/230/60/1	5.6	29	5.6	7.0	15
WPS15-2HPB	265/277/60/1	5.0	28	5.0	6.2	15
WPS20-1HPB	208/230/60/1	7.4	33	7.4	9.2	15
WPS20-2HPB	265/277/60/1	6.0	28	6.0	7.5	15
WPS24-1HPB	208/230/60/1	12.8	58	12.8	16.0	20
WPS24-2HPB	265/277/60/1	9.6	54	9.6	12.0	15

Note: Due to on-going research and development, product specifications may change without notice.





The vertical stacked water cooled heat pump chassis is an exact replacement for the **Singer/McQuay EH/HC** and **ElectroHydronic** series. The units are available in nominal capacities of 10,000, 12,000, 15,000, 20,000, and 24,000 Btu's. The replacement chassis is designed as an exact replacement for the original, allowing for a quick installation. The equipment is manufactured to meet industry standards using proven modern, components and offers high efficiency and reliability. Backed by a one year parts warranty and five year compressor warranty.

CABINET

The chassis is constructed with a 16 gauge base and a combination of 16 & 20 gauge galvanized sheet metal cabinet. The unit interior is insulated with ½" thick insulation for sound attenuation as well as its insulation factor.

GENERAL PRODUCT SPECIFICATION

REFRIGERATION CIRCUITS

All models utilize a high efficiency rotary or scroll compressor. The compressors are wired with internal over-load protection. Each compressor section is insulated for sound attenuation. Compressors are mounted on rubber isolators to minimize vibration transmission. The refrigeration circuit consists of an adjustable thermal expansion valve. A high efficiency coaxial tube in tube condenser coil is utilized.

ELECTRICAL/CONTROLS

All units have high and low pressure controls. All units are equipped with Anti-freeze controls. Refrigerant access valves are located for easy access.

FILTERS

All units are shipped with a washable 1" reusable filter on the return air intake.

Important:

Chassis performance is based on maintaining proper air flow. Assessment of the blower and the motor is essential. Repair or replacement of the blower section must be done on each installation.