



## Single Package Vertical Heat Pump *with electric heat*

1.0 - 2.5 tons

3 – 10 kW electric heat

11.9 SEER2 & 6.3 HSPF2



*To order through Chadwell Supply, please contact your local sales representative.*

# Nomenclature

FP H 05 E1 018 C 2 A 00 F

FP - First-Pak

**BRAND**

F - First Co.

**UNIT TYPE**

H - Heat Pump w/ Electric Heat

**MINOR REVISION**

**HEAT CAPACITY (kW)**

03 - 3 kW

05 - 5 kW

07 - 7 kW

10 - 10 kW

**VOLTAGE**

**REVISION**

**HEAT CONFIGURATION**

E1 - Single Stage Electric Heat

**NOMINAL COOLING CAPACITY / SIZE**

## STANDARD FEATURES

- Insulated chassis compartment to improve cooling performance, reduce noise and prevent sweating
- Blower collar locking mechanism to improve seal between cooling chassis and cabinet

Slide Out  
Electric Heater

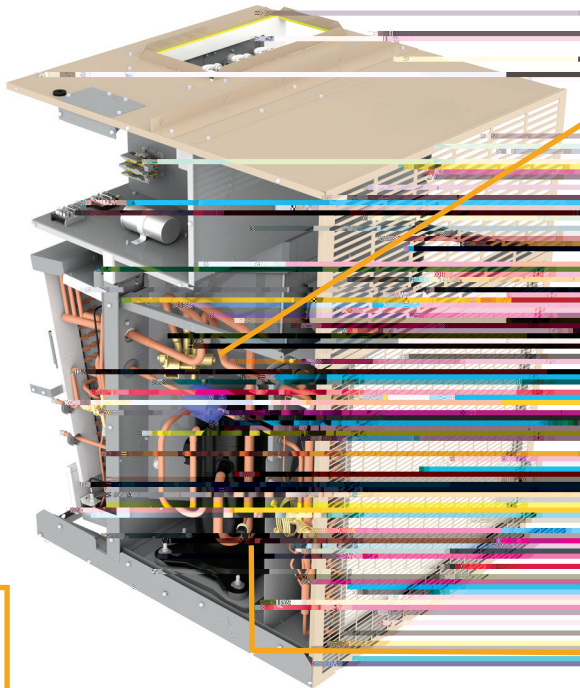


Line & Low  
Voltage  
Connections

Thermal  
Expansion  
Valve (TXV)

High Pressure  
Switch

Compressor  
with Double  
Isolated Mount



Reversing Valve

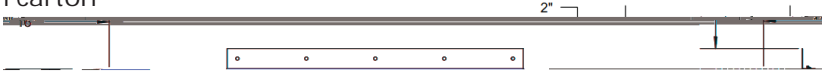
Filter Drier

Low  
Pressure  
Switch

# Accessories

## WALL SLEEVES

- Part number 929-10
- Ships unassembled in carton



## ALUMINUM ARCHITECTURAL LOUVERS (OPTIONAL)

- Part number G230A Clear Anodized Finish
- Part number G230S\* Painted Finish

### Standard Paint Colors

\*Custom Color with paint matching.

*ASCOT WHITE (19)	*LIGHT STONE (43)	*SHELBURNE (69)
*BONE WHITE (24)	*PORTLAND STONE (49)	*MEDIUM BRONZE (72)
*CORONADO RED (34)	*TAUPE (52)	*DARK BRONZE (75)
*FOREST GREEN (36)	*SAHARA TAN (65)	*STONE GRAY (78)
*HERRINGBONE (37)	*SANDSTONE (67)	*BLACK (89)



# Physical Data

MODEL NUMBER	FPH03E1012C	FPH05E1012C	FPH07E1012C	FPH05E1018C	FPH07E1018C	FPH10E1018C
Compressor Type (Qty)				Scroll (1)	Scroll (1)	Scroll (1)
Factory Charge (R410A) lbp 00B0014000C7.838 0 Tdr03000B0014000C7.83(R410A 0 0 8 87.4797 682.789 Tm(MODEL NUMBER) OA 0 0 8 87.4797						

\* Electric heat is single stage and wired for single W signal

# Physical Data

## Unit Dimensions



# Electrical Data

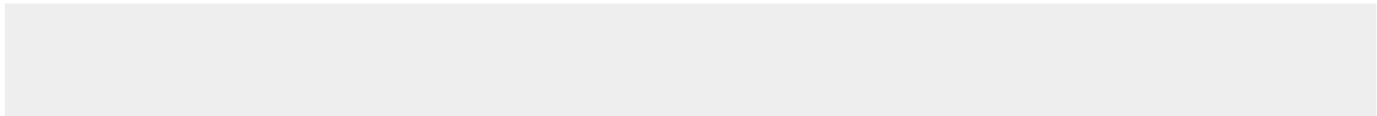
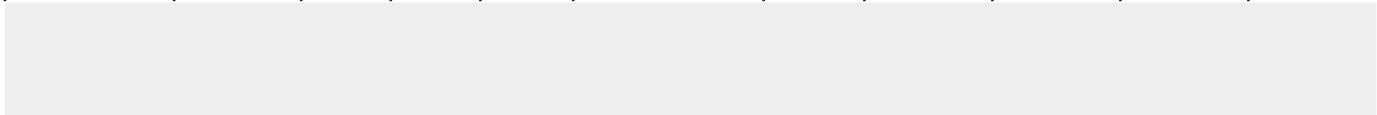
	Voltage	Wiring						Panel						Notes		
		1	2	3	4	5	6	1	2	3	4	5	6			

Refer to wiring diagram in FPH IOM for additional details  
Wire size should be determined in accordance with National Electrical Codes  
Units are rated at 208/230V, but MOP & MCA values are calculated at 208/240V

- RLA - Rated Load Amps
- LRA - Locked Rotor Amps
- FLA - Full Load Amps
- HP - Horsepower



# Rated Cooling & Heating Performance



\*S/T is not a rated value

All units tested in accordance with AHRI 210/240 2023 (SEER2)

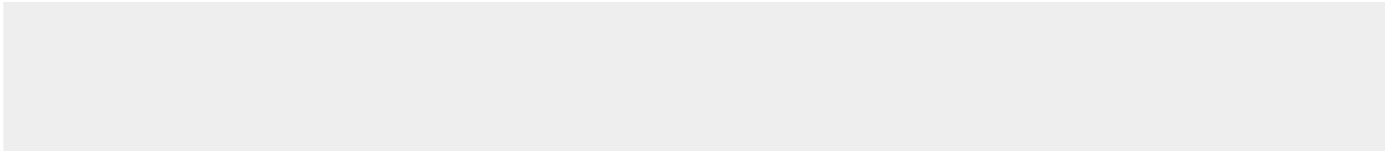
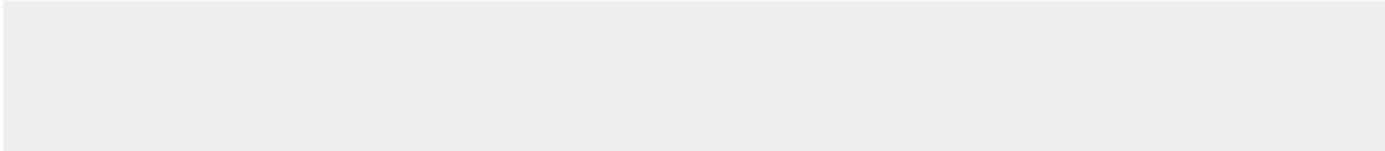
# Extended Heating Performance

*Heat Pump Only*

\*



# Extended Cooling Performance Data



\* Total power input of the unit

Performance data is simulated based on the rated value of each model and is calculated based on nominal CFM and .3 external static pressure

# Blower Performance

MODEL NUMBER	TAP SPEED	0.1		0.2		0.3		0.4		0.5					
		WATT	SCFM	WATT	SCFM	WATT	SCFM	WATT	SCFM	WATT	SCFM	WATT	SCFM	WATT	SCFM
T1	62	595	66	554	69	516	76	489	81	442					
T1	64	597	157	850	165	828	169	799	177	777	183	754			
<b>FPH05E1012C</b>			107	735	114	706	117	674	125	651	131	620			
T1	59	539	61	491	64	447	67	409	65	376					
<b>FPH07E1012C</b>			208	934	216	911	222	885	228	862	231	835			
			157	849	165	824	170	793	178	772	184	748			
<b>FPH05E1018C</b>															
			133	758	142	740	146	708	152	683	161	661			
			133	758	142	740	146	708	152	683	161	661			
			172	841	182	815	185	783	194	764	196	738			
			133	758	142	740	146	708	152	683	161	661			

C  
H

vS( $\phi$ O L $\phi$

T2

T2

T3 174 882 183 861  
T4

T2

T3 189 906 197 882  
T4

T1

59 539 61 491 64 447

T5 155 807 165 785

T1

59 539 61 491 64 447

**FPH07E1018C**

T5 155 807 165 785





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