



PRODIRECT™ Series Heat Pump

Up to 15.2 SEER2

Cooling capacity: 18 - 60kbtu/h



Contents:

1 NOMENCLATURE.....	2
2 SPECIFICATIONS.....	3
3 DIMENSIONS.....	5
4 WIRING DIAGRAMS.....	6



Standard Features:

- R410A chlorine-free refrigerant.
- Energy-efficient compressor.
- Internally protection against high temperature motor overload conditions.
- High quality condenser with inner-groove copper tube and aluminum fin.
- Service valves with sweat connections and easy-access gauge ports.
- Factory-installed high pressure switch and low pressure switch.
- AHRI certified and ETL listed.
- Optional drier filter as accessory.

Cabinet Features:

- Unique sound control top design.
- Compact design, easy installation and transportation.
- Powder-painted galvanized steel cabinet.
- Wire fan discharge grille.
- Steel louver coil guard

PRODIRECT™ Series

1 Nomenclature

H HP 15 018 F A

1 2 3 4 5 6

Legend		
No.	Code	Remarks
1	H	PRODIRECT™
2	HP	Heat Pump
3	15	SEER2
4	018	Capacity (MBTU/H)
5	F	Refrigerant (F = R410a)
6	A	1st Gen

2 Specifications

	HHP15018FA	HHP15024FA	HHP15030FA	HHP15036FA
NOMINAL CAPACITY				
Cooling (BTU/h)	18,000	24,000	30,000	36,000
Heating (BTU/h)	18,000	24,000	30,000	36,000
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	208/230 / 1	208/230 / 1	208/230 / 1	208/230 / 1
Min. / Max. Voltage	187/253	187/253	187/253	187/253
MCA	13.0	15.5	17.2	23.0
MOP	20	24	30	40
COMPRESSOR				
Type	Scroll	Scroll	Scroll	Scroll
Stage	Single	Single	Single	Single
RLA	8	8	8	8
LRA	48	52	72	75
Crankcase Heater	Yes	Yes	Yes	Yes
CONDENSER COIL				
Throttle Type	Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin
Tube Size(O.D)	3/16	3/16	3/16	3/16
FAN MOTOR				
Motor Type	ECM	ECM	ECM	ECM
Horsepower (HP)	1-1/6	1-1/6	1-1/6	1-1/3
Full Load Amps (FLA)	1.6	1.6	1.6	2.2
REFRIGERATION SYSTEM				
Liquid Valve Size (O.D.)	3/8	3/8	3/8	3/8
Suction Valve Size (O.D.)	3/4	3/4	3/4	3/4
Liquid Line Size ("O.D.)	3/8	3/8	3/8	3/8
Suction Line Size ("O.D.)	3/4	3/4	3/4	3/4
Refrigerant Charge (lbs. - oz.)	5 LBS.-4 OZ	6 LBS.-7 OZ	6 LBS.-7 OZ	7 LBS.-2 OZ
Superheat(°F)	9°F	9°F	9°F	9°F
OPERATION RANGE				
Cooling(°F)	55-115	55-115	55-115	55-115
Heating(°F)	5-86	5-86	5-86	5-86
SOUND POWER (DB)	72	74	73	73

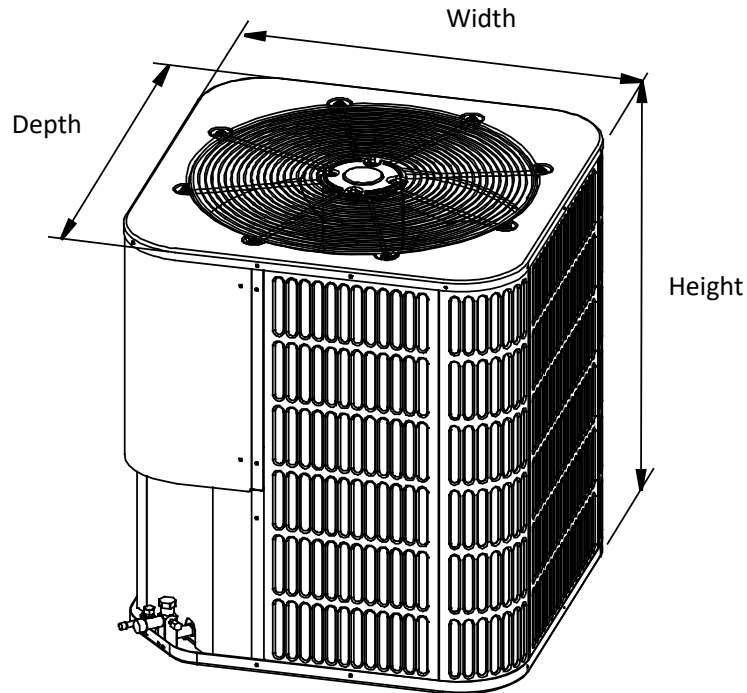
PRODIRECT™ Series

Specifications

	HHP15042FA	HHP15048FA	HHP15060FA
NOMINAL CAPACITY			
Cooling (BTU/h)	42,000	48,000	60,000
Heating (BTU/h)	42,000	48,000	60,000
ELECTRICAL DATA			
Voltage / Phase (60 Hz)	208/230 / 1	208/230 / 1	208/230 / 1
Min. / Max. Voltage	187/253	187/253	187/253
MCA	26.9	29.6	34.6
MOP	50	50	60
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	8	8	8
LRA	112.3	94	127.1
Crankcase Heater	Yes	Yes	Yes
CONDENSER COIL			
Type	Tube & Fin	Tube & Fin	Tube & Fin
Tube Size(O.D)	3/16	3/16	9/32
FAN MOTOR			
Motor Type	ECM	ECM	ECM
Horsepower (HP)	1-1/3	1-1/3	1-1/3
Full Load Amps (FLA)	2.2	2.2	2.2
REFRIGERATION SYSTEM			
Liquid Valve Size (O.D.)	3/8	3/8	3/8
Suction Valve Size (O.D.)	7/8	7/8	7/8
Liquid Line Size ("O.D.)	3/8	3/8	3/8
Suction Line Size ("O.D.)	7/8	11/8	11/8
Refrigerant Charge (lbs. - oz.)	8 LBS.-7 OZ	8 LBS.-7 OZ	11 LBS.-5 OZ
Superheat(°F)	9°F	9°F	9°F
OPERATION RANGE			
Cooling(°F)	55-115	55-115	55-115
Heating(°F)	5-86	5-86	5-86
SOUND POWER (DB)	76	76	78

PRODIRECT™ Series

3 Dimensions



	HHP15018FA	HHP15024FA	HHP15030FA	HHP15036FA
UNIT DIMENSION AND WEIGHTS				
Height (in.)	24-15/16	24-15/16	24-15/16	33-3/16
Width (in.)	23-5/8	28	28	28
Depth (in.)	23-5/8	28	28	28
Weight (lbs.)	137	154	157	179

	HHP15042FA	HHP15048FA	HHP15060FA
UNIT DIMENSION AND WEIGHTS			
Height (in.)	33-3/16	33-3/16	33-3/16
Width (in.)	29-1/8	29-1/8	29-1/8
Depth (in.)	29-1/8	29-1/8	29-1/8
Weight (lbs.)	198	201	218

PRODIRECT™ Series

4 Wiring Diagrams

HHP15018FA, HHP15024FA, HHP15030FA, HHP15036FA, HHP15042FA, HHP15048FA, HHP15060FA

