



PRODIRECT™ Series Air Conditioner

Up to 15.2 SEER2

Cooling capacity: 18 - 60kBtu/h



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Standard Features:

- R410A chlorine-free refrigerant.
- Energy-efficient compressor.
- Internal 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
- 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 AC 15 018 F A

1 2 3 4 5 6

Legend		
No.	Code	Remarks
1	H	PRODIRECT
2	AC	Air Conditioner
3	15	SEER 2
4	018	Capacity
5	F	Refrigerant F = R410A
6	A	1st Generation

PRODIRECT™ Series

2 Specifications

	HAC15018FA	HAC15024FA	HAC15030FA	HAC15036FA
NOMINAL CAPACITY				
Cooling (BTU/h)	18,000	24,000	30,000	36,000
Heating (BTU/h)	/	/	/	/
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	11.6	14.6	15.8	21
MOP	15	20	25	35
COMPRESSOR				
Type	Rotary	Rotary	Rotary	Scroll
Stage	Single	Single	Single	Single
RLA	8	10.4	11.4	15
LRA	35	43	58	75
Crankcase Heater	NO	NO	NO	NO
CONDENSER COIL				
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
Capacitor(µF)	/	/	/	/
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.)	4 LBS.-14 OZ	5 LBS.-12 OZ	7 LBS.-5 OZ	5 LBS.-9 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)	/	/	/	/
SOUND POWER (DB)	70	73	72	75

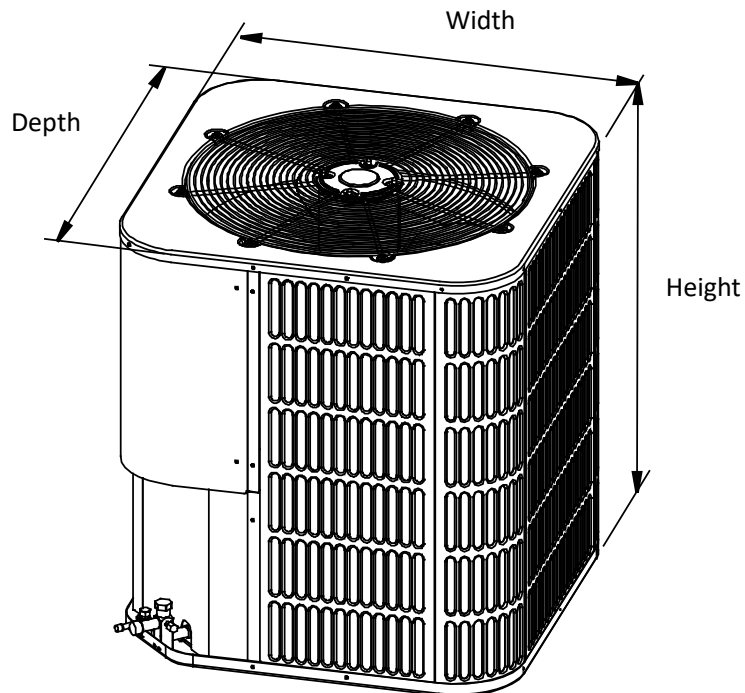
PRODIRECT™ Series

Specifications

	HAC15042FA	HAC15048FA	HAC15060FA
NOMINAL CAPACITY			
Cooling (BTU/h)	42,000	48,000	60,000
Heating (BTU/h)	/	/	/
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	24.9	25.2	35.1
MOP	45	45	60
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	18.1	18.4	26.3
LRA	112	94	127
Crankcase Heater	NO	NO	NO
CONDENSER COIL			
Type	Tube & Fin	Tube & Fin	Micro Channel
Tube Size(O.D)	3/16	3/16	-
FAN MOTOR			
Motor Type	ECM	ECM	ECM
Capacitor(µF)	/	/	/
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	7/8	11/8
Refrigerant Charge (lbs. - oz.)	8 LBS.-1 OZ	8 LBS.-10 OZ	7 LBS.-14 OZ
Superheat(°F)	9°F	9°F	9°F
OPERATION RANGE			
Cooling(°F)	55-115	55-115	55-115
Heating(°F)	/	/	/
SOUND POWER (DB)	75	76	77

PRODIRECT™ Series

3 Dimensions



	HAC15018FA	HAC15024FA	HAC15030FA	HAC15036FA
UNIT DIMENSION AND WEIGHTS				
Height (in.)	24-15/16	24-15/16	33-3/16	24-15/16
Width (in.)	23-5/8	28	28	29-1/8
Depth (in.)	23-5/8	28	28	29-1/8
Weight (lbs.)	117	132	156	154

	HAC15042FA	HAC15048FA	HAC15060FA
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.)	191	191	194

PRODIRECT™ Series

4 Wiring Diagrams

HAC15018FA, HAC15024FA, HAC15030FA, HAC15036FA, HAC15042FA, HAC15048FA, HAC15060FA,

