

# Airdach

Heating &  
Air Conditioning

## Heat Pump

*Up to 15.2 SEER2*



## Fixed speed-system Reliable comfort

### Standard Features

- R454B 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.
- 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



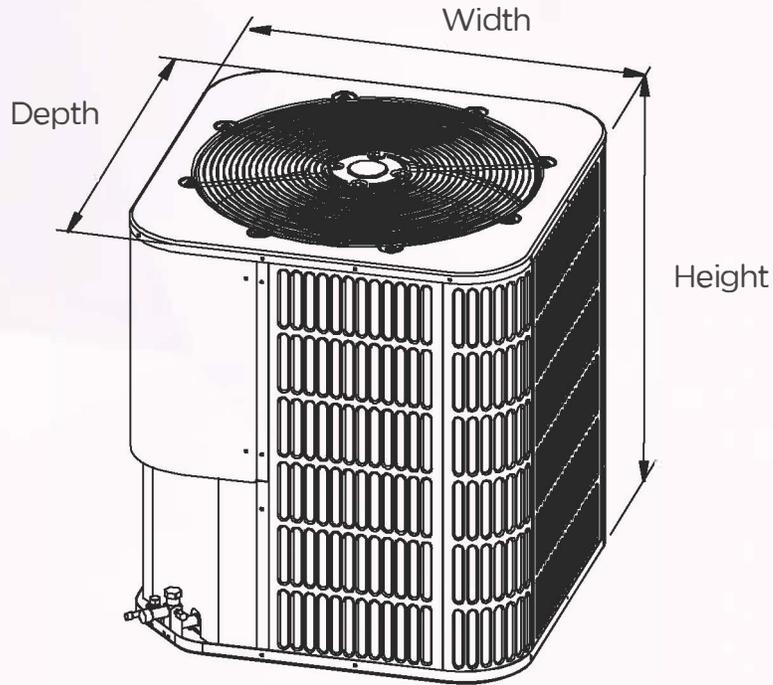
## Specifications

Model	A4TH18152MN1DL	A4TH24152MN1DL	A4TH30152MN1DL	A4TH36152MN1DL
<b>NOMINAL CAPACITY</b>				
Cooling (BTU/h)	18,000	24,000	30,000	36,000
Heating (BTU/h)	18,000	24,000	30,000	36,000
<b>ELECTRICAL DATA</b>				
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
<b>COMPRESSOR</b>				
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
<b>CONDENSER COIL</b>				
Throttle Type	Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin
Tube Size(O.D)	3/16	3/16	3/16	3/16
<b>FAN MOTOR</b>				
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
<b>REFRIGERATION SYSTEM</b>				
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 R454B	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
<b>OPERATION RANGE</b>				
Cooling(°F)	55-115	55-115	55-115	55-115
Heating(°F)	5-86	5-86	5-86	5-86
<b>SOUND POWER (DB)</b>				
	72	74	73	73

## Specifications

Model	A4TH42152MN1DL	A4TH48152MN1DL	A4TH60152MN1DL
<b>NOMINAL CAPACITY</b>			
Cooling (BTU/h)	42,000	48,000	60,000
Heating (BTU/h)	42,000	48,000	60,000
<b>ELECTRICAL DATA</b>			
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
<b>COMPRESSOR</b>			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	8	8	8
LRA	112.3	94	127.1
Crankcase Heater	Yes	Yes	Yes
<b>CONDENSER COIL</b>			
Throttle Type	Tube & Fin	Tube & Fin	Tube & Fin
Tube Size(O.D)	3/16	3/16	9/32
<b>FAN MOTOR</b>			
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
<b>REFRIGERATION SYSTEM</b>			
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	1 1/8	1 1/8
Refrigerant Charge (lbs. - oz.)	8 LBS.-7 OZ	8 LBS.-7 OZ	11 LBS.-5 OZ
Superheat(°F)	9 °F	9 °F	9 °F
<b>OPERATION RANGE</b>			
Cooling(°F)	55-115	55-115	55-115
Heating(°F)	5-86	5-86	5-86
<b>SOUND POWER (DB)</b>			
	76	76	78

## Dimensions



Model	A4TH18152MN1DL	A4TH24152MN1DL	A4TH30152MN1DL	A4TH36152MN1DL
<b>UNIT DIMENSION AND WEIGHTS</b>				
Height (in.)	24-15/16	24-15/16	24-15/16	33-3/16
Width (in.)	23-5/8	28	28	29-1/8
Depth (in.)	23-5/8	28	28	29-1/8
Weight (lbs.)	137	154	157	179

Model	A4TH42152MN1DL	A4TH48152MN1DL	A4TH60152MN1DL
<b>UNIT DIMENSION AND WEIGHTS</b>			
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



**OLDACH**  
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

