iAir

TAG:

Submittal

1.5 / 2 / 2.5 Ton Split System Air Conditioner - 1 Phase

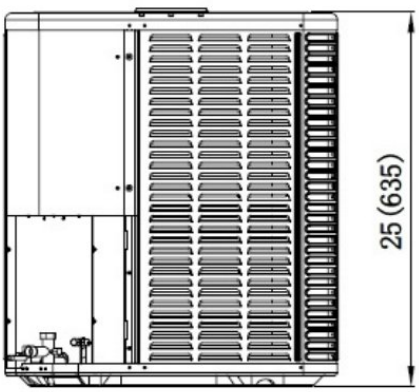
*DAC5018E1000**
*DAC5024E1000**
*DAC5030E1000**

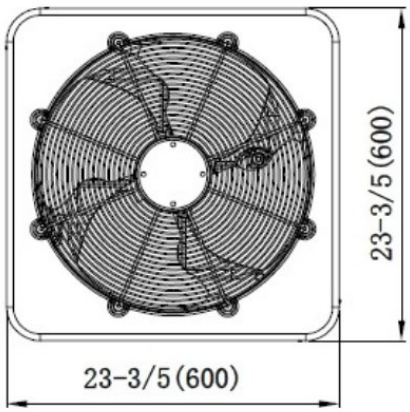
Standard Features:

- Eco-friendly R32 refrigerant with low GWP value
- Energy-efficient scroll compressor
- Equipped with thermal overload protection
- 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

Cabinet Features:

- Compact design allows for easy of installation, clearance, serviceability
- Powder-painted galvanized steel cabinet
- Protective steel louvered coil guard Steel wire axial fan guard
- Unique Fan blade for quieter operation





Model	W - inch [mm]	H - inch [mm]	L - inch [mm]	GAS VALVE SIZE in.	LIQUID VALVE SIZE in.
DAC5018E1000*	23-3/5 [600]	25 [635]	23-3/5 [600]	3/4	3/8
DAC5024E1000*	23-3/5 [600]	25 [635]	23-3/5 [600]	3/4	3/8
DAC5030E1000*	23-3/5 [600]	25 [635]	23-3/5 [600]	3/4	3/8

PRODUCT SPECIFICATIONS

NOMINAL CAPACITY	1.5 Ton	2 Ton	2.5 Ton
Cooling (BTU/h)	18,000	23,600	27,800
Heating (BTU/h)	N/A	N/A	N/A
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	10.5	13.5	16.7
MOP	15	20	25
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
RLA	7.3	9.7	11
LRA	47	65	69
Crankcase Heater	NO	NO	NO
CONDENSER COIL			
Type	Tube & Fin	Tube & Fin	Tube & Fin
FAN MOTOR			
Motor Type	PSC	PSC	PSC
Capacitor(uF)	6	6	6
Horsepower (HP)	1/9	1/9	1/5
Full Load Amps (FLA)	0.8	0.8	1.5
REFRIGERATION SYSTEM			
Liquid Line Size (“O.D.)	3/8"	3/8"	3/8"
Suction Line Size (“O.D.)	3/4"	3/4"	3/4"
Refrigerant Chargeless (ft.)[m]	25[7.5]	25[7.5]	25[7.5]
OPERATION RANGE			
Cooling(°F)	55-120	55-120	55-120
Heating(°F)	N/A	N/A	N/A
SHIPPING DIMMENTION - (IN.) [mm]			
Width	24-13 /16[63 0]	24-13/16[630]	24-13/16[630]
Height	26-1/8[665]	26-1/8[665]	26-1/8[665]
Length	24-13 /16[63 0]	24-13/16[630]	24-13/16[630]
SHIPPING WEIGHT			
Shipping (LBS.) [kg]	139[63]	139[63]	148[67]

iAir

Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.