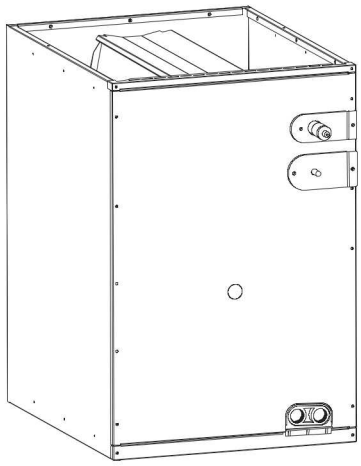
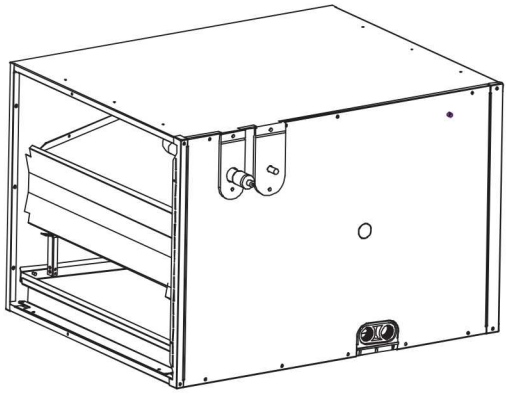
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APLUS

R32

Indoor A-Coil
Cooling capacity: 18-60 K Btu/h





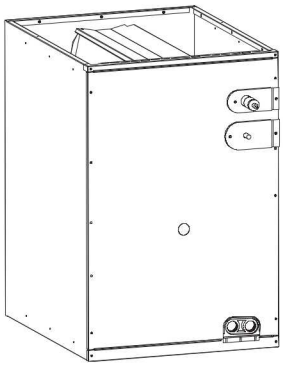
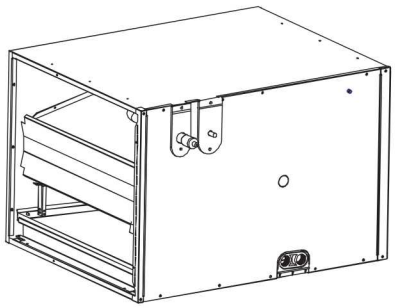
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Standard Features:

- Equipped with a refrigerant sensor, suitable for R32 system .
- Multi-position installation accommodated a variety of installation scenarios .
- Broad cooling range from 55 °F to 120 °F.
- Optional factory installed Thermostatic Expansion Valve .
- All aluminum coil for corrosion-resistance.
- 100% insulation, reduces operating sound and enhance thermal insulation.

1 Product lineup

Model	AAC-CF18MR3-HA01/SE143 AAC-CF24MR3-HB01/SE143 AAC-CF30MR3-HB02/SE143 AAC-CF36MR3-HC01/SE143 AAC-CF18MR3-AA01/SE143 AAC-CF24MR3-AB01/SE143 AAC-CF30MR3-AB02/SE143 AAC-CF36MR3-AC01/SE143
Appearance	 

2

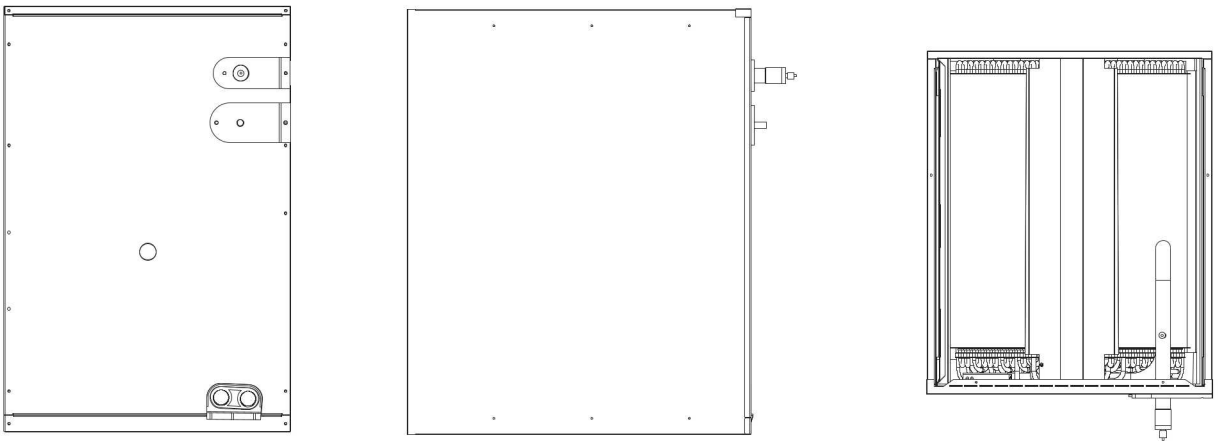
2 Specifications

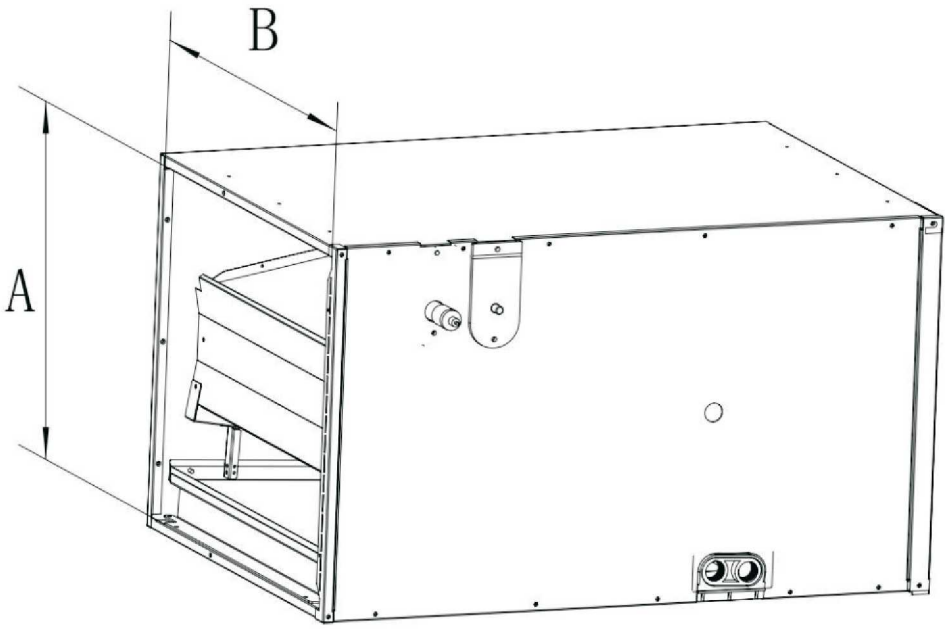
	AAC-CF18MR3-HA01/SE143	AAC-CF24MR3-HB01/SE143	AAC-CF30MR3-HB02/SE143	AAC-CF36MR3-HC01/SE143
INSTALLATION	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
AIR OUTLET (W × H) (in.)	13×19	13×19	13×19	16-1/2×19
NOMINAL RATING				
Nominal Tons	1.5Ton	2Ton	2.5Ton	3Ton
EVAPORATOR COIL				
Type	Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin
Tube Material	Aluminum	Aluminum	Aluminum	Aluminum
Tube Size (in.)	9/32	9/32	9/32	9/32
REFRIGERANT CONNECTION SIZE				
Liquid Line Size (O.D.) (in.)	3/8	3/8	3/8	3/8
Suction Line Size (O.D.) (in.)	3/4	3/4	3/4	3/4
DIMENSIONS				
Net dimensions (W × D × H) (in.)	14×21×18	14×21×22	14×21×22	17-1/2×21×26
WEIGHT				
Net weight (lbs.)				
Shipping weight (lbs.)				

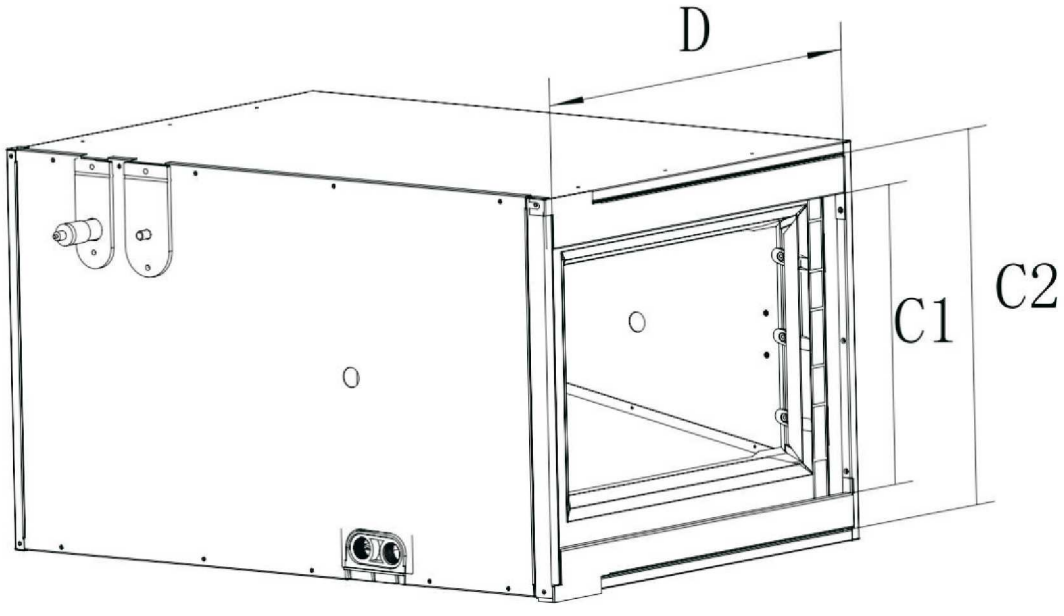
	AAC-CF18MR3-AA01/SE143	AAC-CF24MR3-AB01/SE143	AAC-CF30MR3-AB02/SE143	AAC-CF36MR3-AC01/SE143
INSTALLATION	Vertical only	Vertical only	Vertical only	Vertical / Horizontal
AIR OUTLET (W × H) (in.)	16-1/2×19	16-1/2×19	16-1/2×19	16-1/2×19
NOMINAL RATING				
Nominal Tons	1.5Ton	2Ton	2.5Ton	3Ton
EVAPORATOR COIL				
Type	Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin
Tube Material	Aluminum	Aluminum	Aluminum	Aluminum
Tube Size (in.)	9/32	9/32	9/32	9/32
REFRIGERANT CONNECTION SIZE				
Liquid Line Size (O.D.) (in.)	3/8	3/8	3/8	3/8
Suction Line Size (O.D.) (in.)	3/4	3/4	3/4	3/4
DIMENSIONS				
Net dimensions (W × D × H) (in.)	22×21×17-1/2	26×21×17-1/2	26×21×17-1/2	30×21×17-1/2
WEIGHT				
Net weight (lbs.)				
Shipping weight (lbs.)				

3

3 Dimensional Drawing







Coils	Capacity	Dimensions (inch)			Box Body	Refrigerant Sensor	Air outlet size inch		Air inlet size inch		
		W	D	H			A	B	C1	C2	D
Vertical	1.5 ton	14	21	18	A	YES	13	19	/	13	20-1/8
	2.0 ton	14	21	22	B	YES	13	19	/	13	20-1/8
	2.5 ton	14	21	22	B	YES	13	19	/	13	20-1/8
	3.0 ton	17-1/2	21	26	C	YES	16-1/2	19	13	16-1/4	20-1/8
Horizontal	1.5 ton	22	21	17-1/2	D	YES	16-1/2	19	13	16-1/4	20-1/8
	2.0 ton	26	21	17-1/2	E	YES	16-1/2	19	13	16-1/4	20-1/8
	2.5 ton	26	21	17-1/2	E	YES	16-1/2	19	13	16-1/4	20-1/8
	3.0 ton	30	21	17-1/2	F	YES	16-1/2	19	13	16-1/4	20-1/8

4 Airflow Performance

Pressure drop characteristics for wet coil (SCFM)							
	Pressure drop (Inches of water gauge)						
Model	0.1	0.15	0.2	0.25	0.3	0.35	0.4
AAC-CF18MR3-HA01/SE143	436	606	727	820	896	961	1017
AAC-CF24MR3-HB01/SE143	351	593	764	897	1006	1098	1178
AAC-CF30MR3-HB02/SE143	491	711	866	987	1085	1168	1240
AAC-CF36MR3-HC01/SE143	318	563	737	872	982	1075	1155
AAC-CF18MR3-AA01/SE143	438	517	594	667	737	804	867
AAC-CF24MR3-AB01/SE143	495	600	699	791	878	958	1032
AAC-CF30MR3-AB02/SE143	516	613	705	792	875	953	1026
AAC-CF36MR3-AC01/SE143	716	853	982	1105	1220	1328	1430

Pressure drop characteristics for dry coil (SCFM)							
	Pressure drop (Inches of water gauge)						
Model	0.1	0.15	0.2	0.25	0.3	0.35	0.4
AAC-CF18MR3-HA01/SE143	480	616	736	841	930	1003	1060
AAC-CF24MR3-HB01/SE143	510	707	878	1021	1137	1227	1289
AAC-CF30MR3-HB02/SE143	554	720	870	1004	1122	1224	1310
AAC-CF36MR3-HC01/SE143	540	678	808	929	1042	1147	1244
AAC-CF18MR3-AA01/SE143	458	551	640	723	801	874	942
AAC-CF24MR3-AB01/SE143	534	654	767	870	966	1053	1132
AAC-CF30MR3-AB02/SE143	542	658	767	869	963	1050	1131
AAC-CF36MR3-AC01/SE143	730	878	1017	1148	1270	1383	1488

Data based on wet coil with entering air at 80 deg F DB / 67 deg F WB without air filter.

The maximum allowable pressure drop is 0.4 in. WC.

The maximum CFM is the data at 0.4 in. WC. pressure