



Unit shown with service panels removed.
Representative drawing only. Some models
may vary in appearance.

BENEFITS & ENHANCEMENTS:

- One piece cabinet, reducing time and effort when field converting airflow orientation. Unit is convertible to either orientation with the correct door / accessories.
- Reduced air handler weight.
- Factory installed heat kits available from 10-20 kW.
- More room in cabinet for larger coils, as energy efficiencies increase, while maintaining overall cabinet dimensions.
- EFS/L one-piece cabinet design fits up to a 27.5" tall coil.
- Rail-mounted blower assembly easily removed for service.
- Electrical access from both sides of the cabinet.
- Redesigned control panel for enhanced interface to wiring and components.
- Sloped coil shelf for optimal condensate management.

FEATURES AND SPECIFICATIONS:

APPLICATION VERSATILITY

Designed for the manufactured home market with flexibility in mind. One-piece air handler factory built as downflow (louvered door) air handler. Can also be field configured to upflow (solid door) configuration with the proper conversion kit. (Kits sold separately). 2 – 5 tons of cooling or heating airflow with a range of factory installed electric heat kits.

MOTOR

Constant torque ECM, speeds and torque controlled by software to maintain constant torque*. Direct drive blowers circulate air quietly and efficiently. Motor speeds and torques pre-programmed in the motor at the factory. Blowers mounted on rails so they can be easily removed for service.

CABINET

Sturdy, galvanized steel cabinet with painted front panels. Cabinet fully insulated with 1/2" micro mat non-hygroscopic insulation to prevent sweating, to encapsulate glass fibers, and to provide excellent R-value. Mechanical fastening ensure insulation remains in place.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available from 3 to 20 kW. Models with electric heat include sequencers and temperature limit switches for safe, efficient operation. Modules are easily installed in the field using molex plugs or can be ordered factory-installed. Controls are accessible from the front for easy service. Disconnect does not protrude through the wall panel.

ELECTRONIC CIRCUIT BOARD

Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil. Automotive pull-style fuse integrated into board for easy diagnosis and replacement of fuse.

WARRANTY

Standard five-year limited parts warranty. Upgrades to an extended 10 year parts warranty with online registration.

OPTIONS

See options menu.

*Constant torque does not change as ESP increases/decreases

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In keeping with its commitment to continuous improvement. ACiQ reserves the right to make changes without notice and incurring obligation.

BRAND	BRAND FAMILY	HEATING (KW)	CABINET WIDTH	RETURN	ORIENTATION	CATEGORY
ACiQ	EFS = Electric Furnace 1.5-3 tons EFL= Electric Furnace 3-5 tons	10KW 15KW 20KW	20	F	D	MH = Mobile Home

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA											
MODEL	NOMINAL COOLING (BTU)	ELECTRIC HEAT KIT MODEL	PERFORMANCE DATA					ELECTRICAL DATA			
			HEATING			TOTAL AMPS		MINIMUM CIRCUIT AMPACITY (MCA)		MAX BREAKER OR FUSE SIZE	
			SPEED TAP	(KW)		(A)					
				208V	240V	208V	240V	208V	240V	208V	240V
EFS	18,000 - 36,000	10KW	T2	7.2	9.6	38.2	43.6	47.8	54.5	50A	60A
		15KW	T3	7.2 / 3.6	9.6 / 4.8	38.2 / 17.3	43.6 / 20.0	47.8 / 21.6	54.5 / 25.0	50A / 25A	60A / 25A
EFL	36,000 - 60,000	20KW	T2	7.2 / 7.2	9.6 / 9.6	41.6 / 34.6	47.0 / 40.0	52.8 / 43.3	59.5 / 50.0	60A / 45A	60A / 50A

BLOWER DATA														
MODEL	SPEED TAP	MOTOR			CFM VS EXTERNAL STATIC (DRY COIL)									
		HP	AMPS	VOLT.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
EFS (18,000-36,000)	T1	1/2	3.6	240	710	650	590	530	470	460	410	340	-	-
	T2				770	720	670	630	570	510	450	420	370	340
	T3				900	850	810	800	705	660	610	560	510	480
	T4				1130	1100	1060	1020	980	940	900	850	810	760
	T5				1310	1280	1240	1200	1165	1130	1080	1050	1010	970
EFL (36,000-60,000)	T1	1	7.0	240	1130	1100	1060	1020	965	900	860	810	750	690
	T2				1340	1300	1265	1230	1200	1155	1115	1050	1020	975
	T3				1490	1450	1420	1400	1365	1330	1300	1270	1235	1170
	T4				1670	1640	1610	1585	1550	1520	1500	1460	1430	1400
	T5				1850	1825	1800	1770	1750	1720	1690	1670	1640	1620

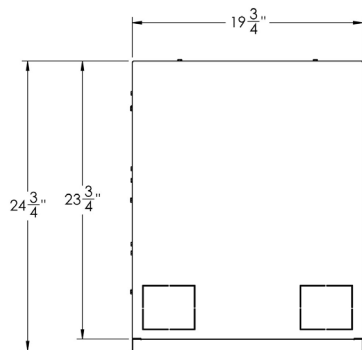
ONE PIECE WRAPPER - CONFIGURATION TABLE					
BROCK AIR MODEL (DEFAULT)	CONFIGURATION (DEFAULT)	RETURN (DEFAULT)	DOOR (DEFAULT)	CONVERTIBLE TO	KIT NEEDED FOR CONVERSION
EFS	DOWNFLOW	FRONT	LOUVERED	DOWNFLOW / FRONT & TOP RETURN – LOUVER DOOR	AEXK-01
				DOWNFLOW / TOP RETURN – SOLID DOOR	AEXK-02
EFL				UPFLOW / BOTTOM RETURN – SOLID DOOR	AEXK-02

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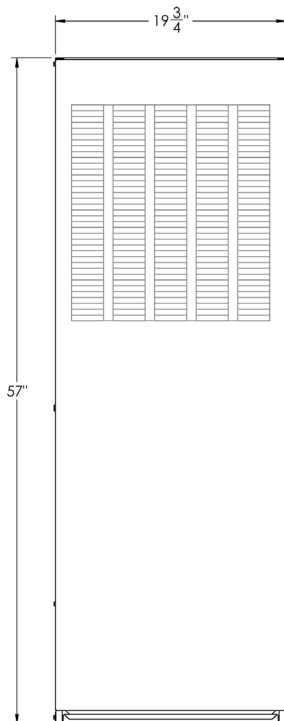
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SHIPPING SPECIFICATIONS

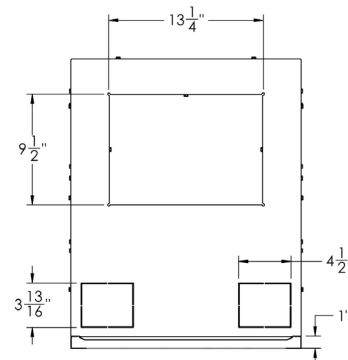
MODEL	SHIP WEIGHT (LB)	SKID QTY
ACiQ-EFS	116	4
ACiQ-EFL	128	



TOP VIEW



FRONT VIEW



BOTTOM VIEW



EFS/L
(Downflow)



EFS/L
(Upflow)



Solid panel
option



Louvered
panel option

FILTER SIZE: 18"x20"x1" for all configurations.

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