

Job Name:	
Tag#	



Submittal Data Sheet

FTKB09AXVJU / RKB09AXVJU

0.75-Ton Wall Mounted Cooling Only System



Efficiency

Cooling	
SEER	17
EER	11

Performance

Cooling (Btu/hr)	
Rated (Min/Max)	8,800 (4,400 – 10,200)
Sensible @ AHRI	7,165
Operating Range	50°F – 115°F

Rated Cooling Conditions: Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

Electrical

	208/60/1	230/60/1
System MCA	6.95	6.95
System MFA	15	15
Compressor RLA	6.75	6.75
Outdoor fan motor FLA	.19	.19
Outdoor fan motor W	41	41
Indoor fan motor FLA	.20	.20
Indoor fan motor W	18	18

MFA: Max. fuse amps **MCA:** Min. circuit amps (A) **FLA:** Full load amps (A)
RLA: Rated load amps (A) **W:** Fan motor rated output (W)

Indoor Specifications

Airflow Rate (cfm)	Cooling	
	H	M
	330	272
	L	
	215	
Sound (dBA) H / M / L	42 / 35 / 30	
Dimensions (H × W × D) (in)	11-11/16 × 35-1/16 × 8-1/4	
Weight (Lbs)	20	

Outdoor Specifications

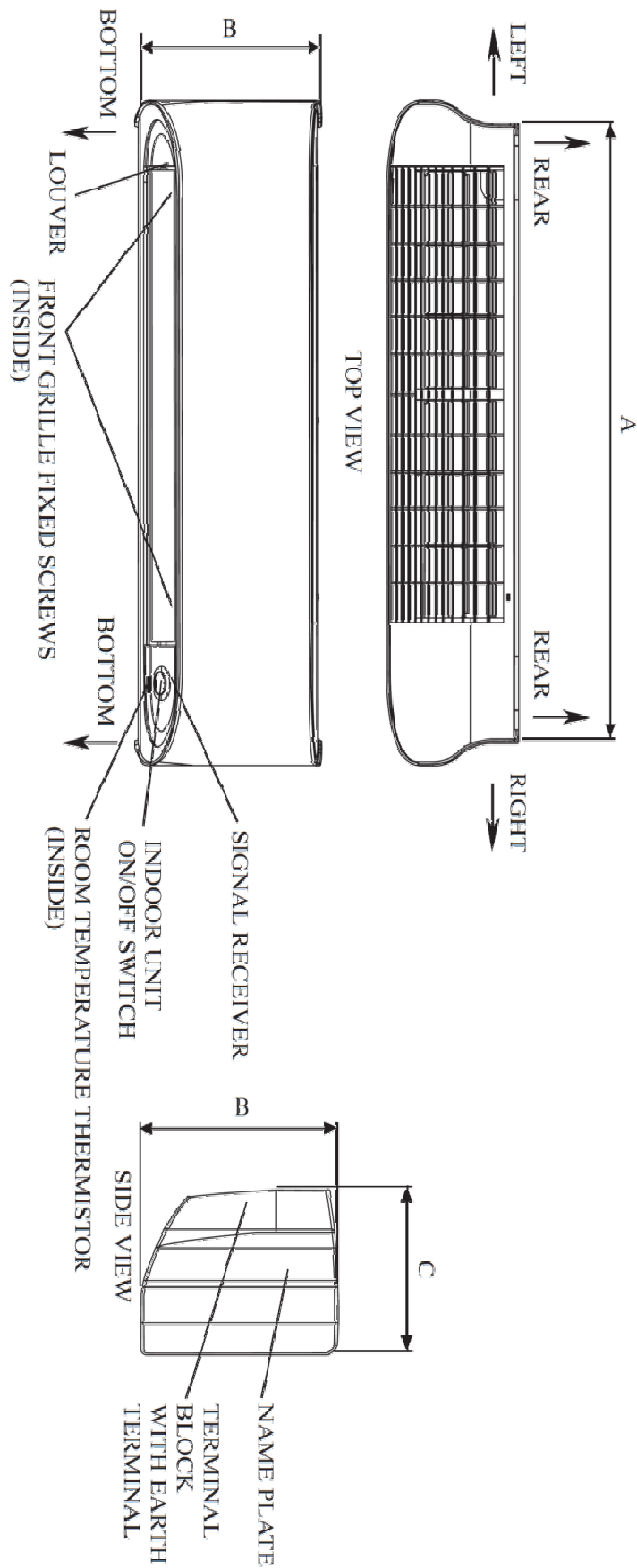
Compressor	Hermetically Sealed Swing Type	
Refrigerant	R-410A	
Factory Charge (Lbs)	1.625	
Refrigerant Oil	PVE (FVC50K)	
Airflow Rate (cfm)	Cooling	
	H	900
Sound Pressure Level (dBA)	46	
Dimensions (H × W × D) (in)	21-5/8 × 25-15/16 × 10-3/4	
Weight (Lbs)	53	

Piping

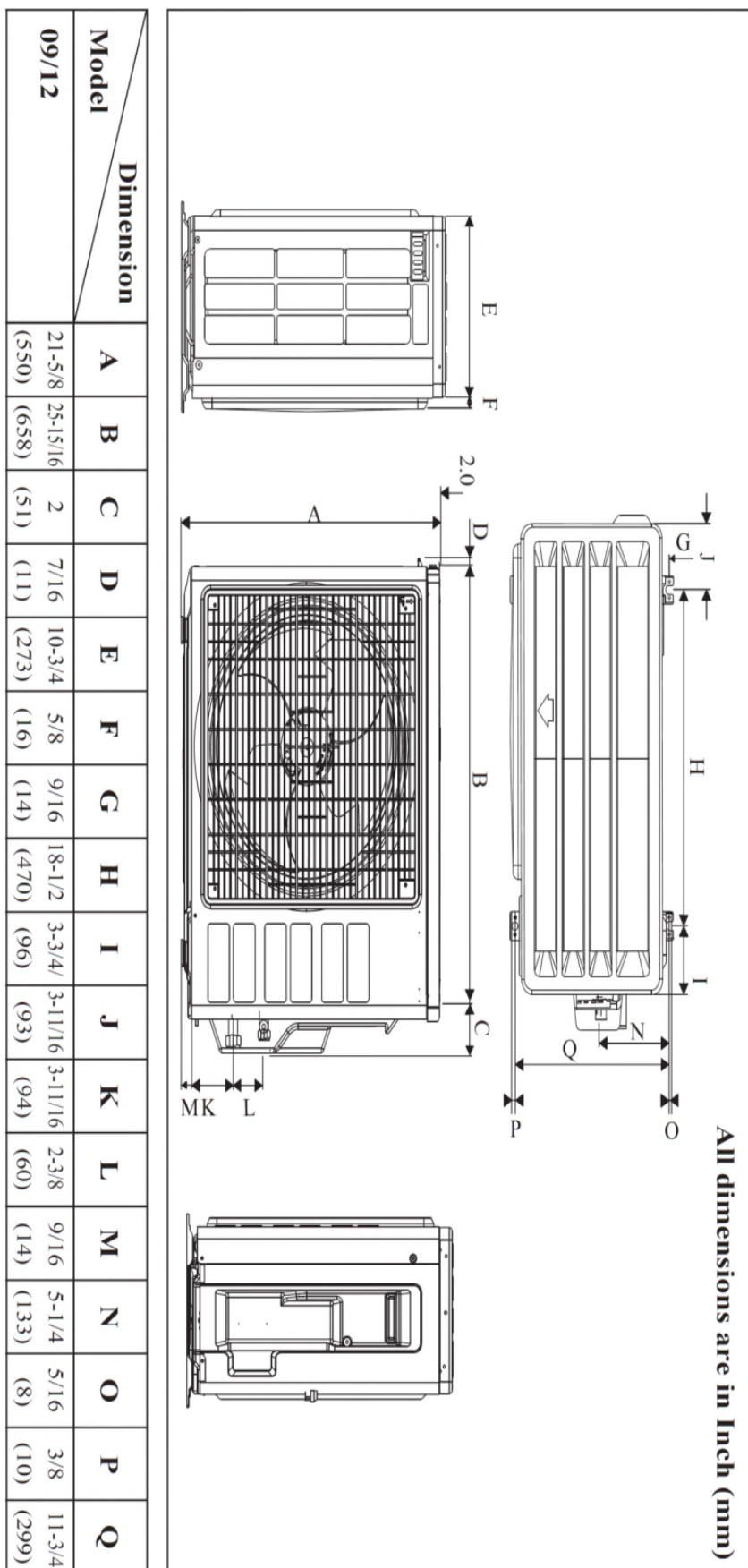
Liquid (in)	1/4
Gas (in)	3/8
Drain (in)	3/4
Max. Interunit Piping Length (ft)	65.625
Max. Interunit Height Difference (ft)	32.8
Chargeless (ft)	24.6
Additional Charge of Refrigerant (oz/ft)	.21

Daikin North America LLC 5151 San Felipe, Suite 500 Houston, TX 77056

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Dimension		A	B	C
Model	09/12	35-1/16 (890)	11-11/16 (297)	8-1/4 (210)



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FTKB09AXVJU / RKB09AXVJU Performance Tables



Cooling Mode

AFR (CFM)	EWB	EDB	Outdoor temperature																	
			66.2°F			77.0°F			86.0°F			95.0°F			104.0°F			114.8°F		
			TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
215	61.6°F	69.2°F	8294	6258	0.61	8001	6094	0.66	7703	5930	0.71	7394	5760	0.77	6790	5360	0.84	6269	5042	0.92
		74.6°F	8305	7493	0.61	8010	7322	0.66	7714	7151	0.71	7405	6974	0.77	6803	6513	0.84	6293	6145	0.92
		80.0°F	8371	8371	0.61	8092	8092	0.66	7808	7808	0.71	7514	7514	0.77	6933	6933	0.84	6450	6450	0.93
		85.4°F	8628	8628	0.61	8381	8381	0.66	8127	8127	0.72	7865	7865	0.78	7290	7290	0.85	6821	6821	0.94
		90.8°F	9149	5842	0.62	8828	5694	0.67	8504	5543	0.72	8167	5386	0.79	7506	5017	0.85	6939	4724	0.94
	67.0°F	80.0°F	9155	6684	0.62	8832	6534	0.67	8509	6384	0.72	8174	6230	0.79	7513	5827	0.85	6948	5520	0.94
		85.4°F	9169	8249	0.62	8852	8073	0.67	8539	7894	0.72	8216	7704	0.79	7564	7205	0.85	7018	6818	0.94
		90.8°F	9278	9278	0.62	8976	8976	0.67	8685	8685	0.73	8388	8388	0.79	7761	7761	0.86	7256	7256	0.95
		96.2°F	10065	5718	0.63	9717	5580	0.68	9362	5440	0.74	8997	5291	0.80	8273	4930	0.87	7658	4648	0.96
		80.0°F	10068	6969	0.63	9720	6820	0.68	9364	6665	0.74	8998	6507	0.80	8276	6091	0.87	7661	5776	0.96
	72.4°F	90.8°F	10074	8139	0.63	9725	7984	0.68	9371	7825	0.74	9005	7664	0.80	8286	7194	0.87	7680	6834	0.96
		96.2°F	10106	9229	0.63	9773	9044	0.68	9433	8856	0.74	9090	8661	0.80	8383	8120	0.87	7794	7703	0.96
272	61.6°F	69.2°F	8632	6529	0.61	8320	6361	0.66	8005	6192	0.72	7678	6017	0.78	7045	5603	0.84	6499	5273	0.93
		74.6°F	8658	7925	0.61	8347	7740	0.66	8034	7555	0.72	7710	7365	0.78	7083	6871	0.85	6547	6485	0.93
		80.0°F	8762	8762	0.62	8468	8468	0.67	8176	8176	0.72	7882	7882	0.78	7277	7277	0.85	6779	6779	0.94
		85.4°F	9128	9128	0.62	8863	8863	0.67	8593	8593	0.73	8314	8314	0.79	7703	7703	0.86	7200	7200	0.95
		90.8°F	9510	6177	0.62	9171	6022	0.67	8827	5865	0.73	8472	5704	0.79	7780	5315	0.86	7187	5010	0.95
	67.0°F	80.0°F	9526	7115	0.62	9186	6958	0.67	8843	6800	0.73	8488	6639	0.79	7799	6206	0.86	7210	5876	0.95
		85.4°F	9572	8777	0.62	9239	8587	0.68	8908	8395	0.73	8567	8190	0.79	7888	7657	0.86	7319	7234	0.95
		90.8°F	9731	9731	0.63	9435	9435	0.68	9134	9134	0.74	8831	8831	0.80	8180	8180	0.87	7648	7648	0.96
		96.2°F	10449	6048	0.63	10081	5906	0.69	9706	5757	0.75	9320	5601	0.81	8565	5224	0.88	7922	4929	0.97
		80.0°F	10462	7421	0.63	10093	7268	0.69	9717	7105	0.75	9331	6940	0.81	8576	6500	0.88	7933	6168	0.97
	72.4°F	90.8°F	10480	8696	0.64	10116	8530	0.69	9745	8356	0.75	9361	8178	0.81	8612	7671	0.88	7983	7283	0.97
		96.2°F	10545	9831	0.64	10205	9645	0.69	9848	9444	0.75	9490	9224	0.81	8755	8632	0.88	8163	8143	0.97
330	61.6°F	69.2°F	8952	6814	0.62	8624	6641	0.67	8293	6466	0.72	7949	6285	0.78	7291	5854	0.85	6721	5509	0.94
		74.6°F	8999	8280	0.62	8672	8084	0.67	8346	7886	0.73	8009	7679	0.79	7355	7166	0.85	6795	6756	0.94
		80.0°F	9144	9144	0.62	8845	8845	0.67	8546	8546	0.73	8240	8240	0.79	7614	7614	0.86	7096	7096	0.95
		85.4°F	9602	9602	0.63	9321	9321	0.68	9034	9034	0.74	8737	8737	0.80	8090	8090	0.87	7555	7555	0.96
		90.8°F	9853	6536	0.63	9497	6375	0.68	9136	6211	0.74	8764	6043	0.80	8043	5634	0.87	7426	5314	0.95
	67.0°F	80.0°F	9882	7562	0.63	9527	7389	0.68	9169	7216	0.74	8800	7040	0.80	8080	6584	0.87	7467	6229	0.96
		85.4°F	9964	9306	0.63	9612	9103	0.68	9267	8895	0.74	8912	8672	0.80	8206	8100	0.87	7617	7617	0.96
		90.8°F	10180	10180	0.63	9882	9882	0.69	9578	9578	0.74	9262	9262	0.81	8580	8580	0.88	8025	8025	0.97
		96.2°F	10812	6394	0.64	10428	6254	0.69	10036	6097	0.75	9632	5937	0.82	8847	5540	0.88	8177	5231	0.97
		80.0°F	10835	7883	0.64	10449	7734	0.69	10056	7565	0.75	9652	7393	0.82	8868	6923	0.88	8202	6563	0.97
	72.4°F	90.8°F	10872	9238	0.64	10496	9077	0.69	10110	8886	0.75	9713	8690	0.82	8936	8145	0.89	8278	7730	0.98
		96.2°F	10969	10431	0.64	10626	10241	0.70	10258	10017	0.76	9889	9768	0.82	9137	9111	0.89	8524	8524	0.98

Remark:

AFR: Air flow rate (CFM)

EWB: Entering Wet Bulb Temp. (°F)

EDB: Entering Dry Bulb Temp. (°F)

TC: Total Cooling Capacity (Btu/h)

SC: Sensible Cooling Capacity (Btu/h)

PI: Power Input (kW)

Notes:

1. Ratings shown are net capacities.
2. Shows nominal capacities.
3. Direct interpolation is permissible. Do not extrapolate.