

Job Name:	
Tag#	



Submittal Data Sheet

FTXB24AXVJU / RXB24AXVJU

2.0-Ton Wall Mounted Heat Pump System



Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. *If product is installed in a commercial application, limited warranty period is 5 years.*

Indoor Specifications

Airflow Rate (cfm)	Cooling		Heating	
	H	M	H	M
	555	486	580	486
	L		L	
	405		405	
Sound (dBA) H / M / L	47 / 44 / 41		47 / 44 / 41	
Dimensions (H × W × D) (in)		12-5/8 × 46-1/8 × 9-1/2		
Weight (Lbs)		31		

Outdoor Specifications

Compressor	Hermetically Sealed Swing Type			
Refrigerant	R-410A			
Factory Charge (Lbs)	3.20			
Refrigerant Oil	PVE (FVC50K)			
Airflow Rate (cfm)	Cooling		Heating	
	H	1796	H	1796
Sound Pressure Level (dBA)	52			
Dimensions (H x W x D) (in)	29-11/16 x 33-11/16 x 12-15/16			
Weight (Lbs)	97			

Efficiency

Cooling		Heating	
SEER	17	HSPF	9
EER	11	COP	3.68

Performance

Cooling (Btu/hr)	
Rated (Min/Max)	21,200 (6,000 – 22,200)
Sensible @ AHRI	15,116
Operating Range	50°F – 115°F

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

Heating (Btu/hr)	
1: @ 47° Rated (Min/Max)	21,200 (4,100 – 27,300)
2: @ 17° Rated	11,800
3: @ 5°	10,381
Operating Range	5°F – 65°F

1: Rated Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 47°F DB/43°F WB
2: Rated Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 17°F DB/15°F WB
3: Heating Conditions: Indoor: 69.8°F DB
Outdoor: 5°F WB

Electrical

	208/60/1	230/60/1
System MCA	16.2	16.2
System MFA	20	20
Compressor RLA	16	16
Outdoor fan motor FLA	.50	.50
Outdoor fan motor W	61	61
Indoor fan motor FLA	.24	.24
Indoor fan motor W	40	40

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)

Piping

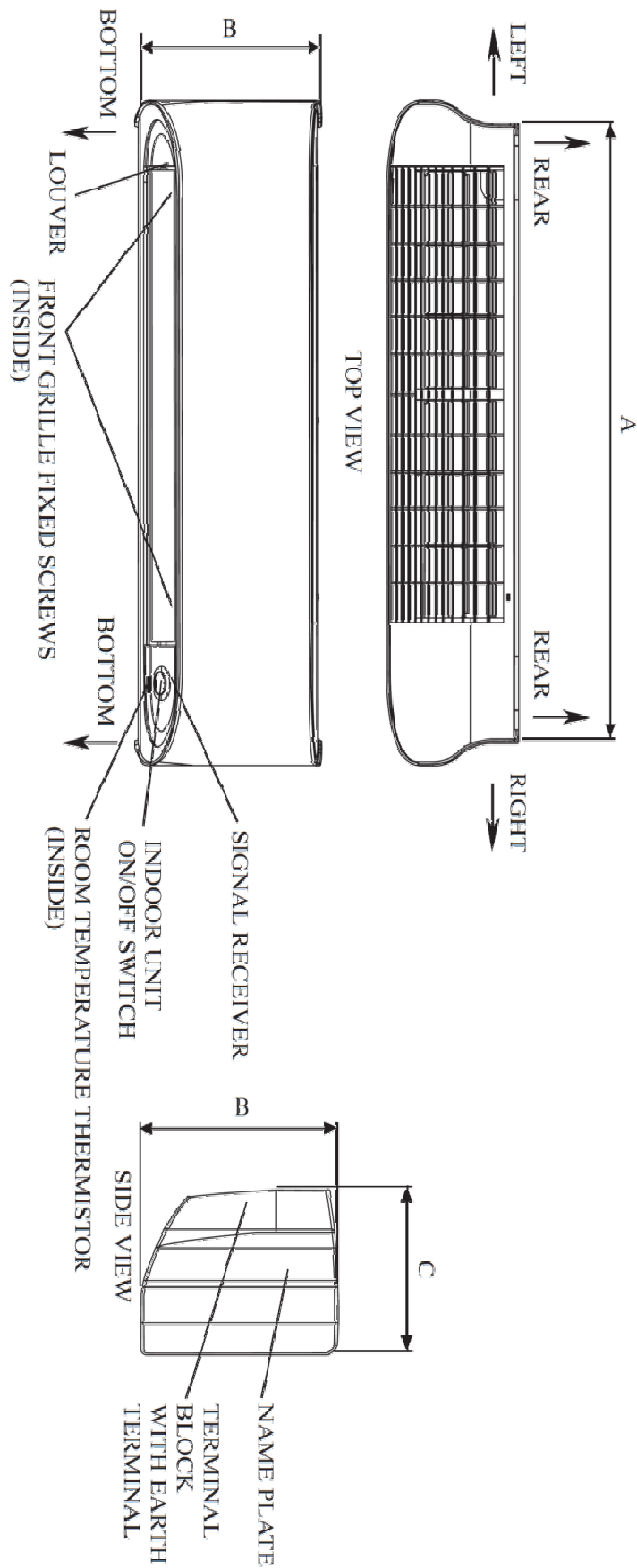
Liquid (in)	1/4
Gas (in)	5/8
Drain (in)	3/4
Max. Interunit Piping Length (ft)	98.4
Max. Interunit Height Difference (ft)	32.8
Chargeless (ft)	24.6
Additional Charge of Refrigerant (oz/ft)	.21

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

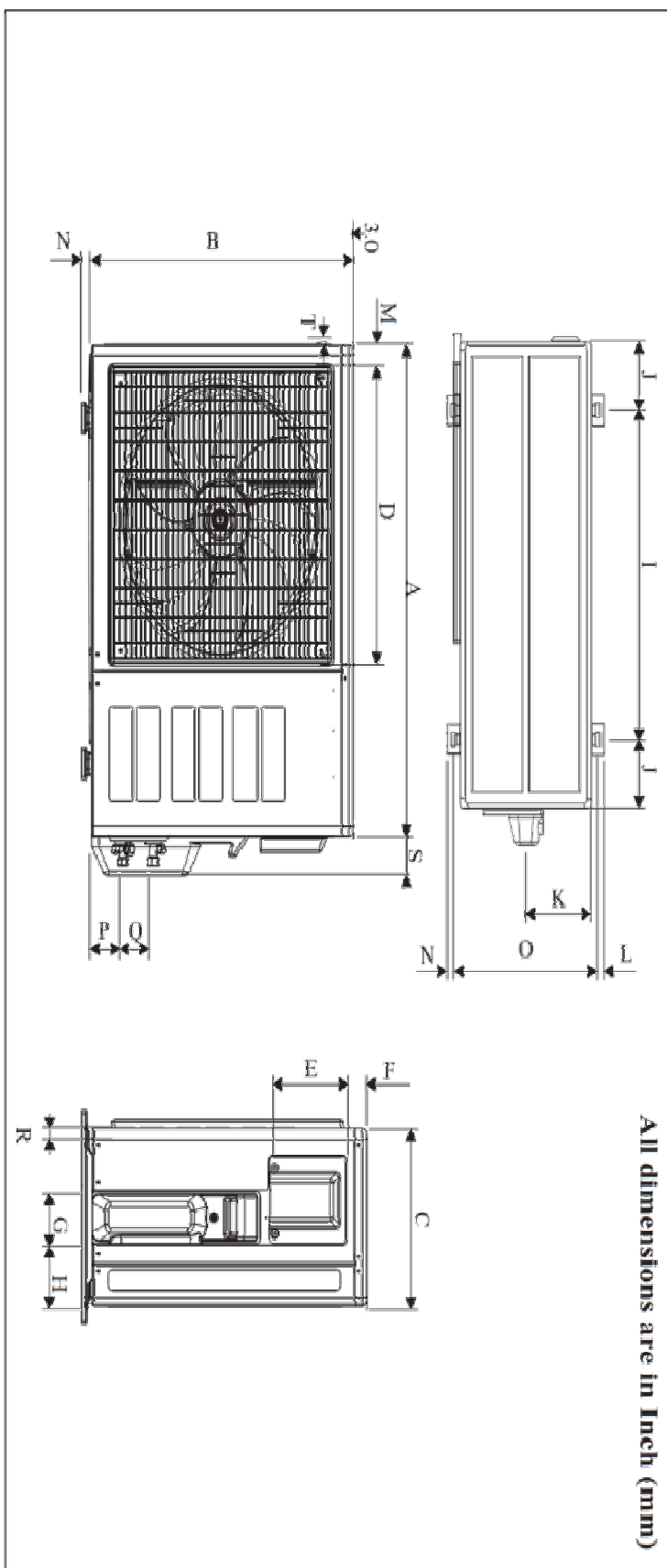
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Model	Dimension		
18/24	A	B	C
	46-1/8 (1172)	12-5/8 (320)	9-1/2 (242)



Dimension		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Model																
18		33-11/16 (855)	24-3/4 (628)	12-15/16 (328)	20-1/2 (520)	7-1/16 (179)	5-3/4 (46)	4 (101)	4-7/16 (113)	23-3/4 (603)	4-15/16 (126)	6-7/16 (164)	9/16 (15)	1-5/16 (34)	15/16 (23)	14-1/4 (362)
24		33-11/16 (855)	28-3/4 (730)	12-15/16 (328)	20-1/2 (520)	7-1/16 (179)	5-3/4 (46)	4 (101)	4-7/16 (113)	23-3/4 (603)	4-15/16 (126)	6-7/16 (164)	9/16 (15)	1-5/16 (34)	15/16 (23)	14-1/4 (362)
Dimension		P	Q	R	S	T										
Model																
18		2-7/8 (73)	2-15/16 (75)	5/16 (8)	2-5/8 (67)	1/4 (7)										
24		2-7/8 (73)	2-15/16 (75)	5/16 (8)	2-5/8 (67)	1/4 (7)										

FTXB24AXVJU / RXB24AXVJU 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
405	61.6°F	69.2°F	19988	13198	1.46	19281	12853	1.58	18564	12508	1.71	17819	12149	1.86	16363	11306	2.02	15107	10635	2.22
		74.6°F	20014	15804	1.46	19304	15442	1.58	18589	15083	1.72	17846	14708	1.86	16395	13737	2.02	15165	12961	2.22
		80.0°F	20172	17919	1.47	19501	17512	1.59	18816	17099	1.72	18107	16662	1.86	16707	15505	2.02	15545	14561	2.23
		85.4°F	20793	20793	1.47	20196	20196	1.60	19584	19584	1.73	18954	18954	1.88	17569	17569	2.04	16437	16437	2.25
		74.6°F	22047	12322	1.49	21274	12010	1.61	20493	11690	1.74	19682	11360	1.89	18088	10581	2.05	16722	9964	2.26
		80.0°F	22062	14098	1.49	21285	13781	1.61	20506	13465	1.74	19698	13139	1.89	18106	12291	2.05	16743	11643	2.26
	67.0°F	85.4°F	22096	17397	1.49	21333	17027	1.61	20579	16649	1.75	19798	16249	1.89	18229	15196	2.06	16912	14380	2.27
		90.8°F	22358	22358	1.49	21630	21630	1.62	20929	20929	1.75	20215	20215	1.90	18704	18704	2.07	17486	17486	2.28
		80.0°F	24255	12061	1.51	23416	11769	1.64	22562	11474	1.78	21681	11159	1.93	19936	10398	2.09	18455	9803	2.31
		85.4°F	24263	14698	1.51	23425	14385	1.64	22566	14058	1.78	21685	13724	1.93	19944	12847	2.09	18461	12183	2.31
		90.8°F	24276	17165	1.51	23436	16839	1.64	22583	16505	1.78	21701	16164	1.93	19969	15174	2.09	18508	14414	2.31
		96.2°F	24355	19465	1.52	23550	19075	1.64	22733	18679	1.78	21906	18266	1.93	20202	17126	2.10	18783	16247	2.31
	72.4°F	69.2°F	20799	13766	1.48	20048	13412	1.60	19288	13055	1.73	18500	12687	1.88	16975	11814	2.03	15660	11119	2.24
		74.6°F	20861	16710	1.48	20111	16318	1.60	19359	15929	1.73	18577	15528	1.88	17066	14487	2.04	15776	13673	2.24
		80.0°F	21112	18979	1.48	20403	18537	1.60	19700	18060	1.74	18992	17523	1.88	17533	16275	2.05	16335	15224	2.26
		85.4°F	21992	21992	1.49	21356	21356	1.62	20705	20705	1.75	20032	20032	1.90	18561	18561	2.07	17349	17349	2.28
		74.6°F	22914	13024	1.50	22096	12697	1.63	21268	12366	1.76	20413	12026	1.91	18746	11206	2.07	17318	10563	2.28
		80.0°F	22954	15001	1.50	22135	14670	1.63	21307	14338	1.76	20452	13998	1.91	18791	13086	2.07	17372	12390	2.28
486	61.6°F	85.4°F	23063	18506	1.50	22261	18105	1.63	21463	17700	1.76	20643	17267	1.91	19007	16145	2.08	17634	15253	2.29
		90.8°F	23448	23448	1.51	22733	22733	1.63	22008	22008	1.77	21278	21278	1.93	19709	19709	2.09	18427	18427	2.31
		80.0°F	25176	12751	1.53	24290	12452	1.66	23387	12137	1.80	22457	11810	1.95	20637	11015	2.11	19088	10393	2.33
		85.4°F	25207	15648	1.53	24318	15323	1.66	23412	14981	1.80	22483	14632	1.95	20664	13704	2.11	19115	13005	2.33
		90.8°F	25252	18336	1.53	24374	17986	1.66	23480	17619	1.80	22556	17243	1.95	20751	16174	2.11	19234	15357	2.33
		96.2°F	25408	20728	1.53	24587	20335	1.66	23729	19912	1.80	22866	19448	1.96	21096	18200	2.12	19669	17169	2.34
	67.0°F	69.2°F	21569	14365	1.49	20777	14000	1.61	19980	13632	1.74	19152	13250	1.89	17566	12341	2.05	16192	11615	2.26
		74.6°F	21682	17456	1.49	20893	17042	1.61	20108	16624	1.75	19295	16188	1.89	17721	15106	2.05	16371	14243	2.26
		80.0°F	22031	20004	1.50	21311	19488	1.62	20591	18942	1.75	19852	18356	1.90	18345	17004	2.07	17095	15875	2.28
		85.4°F	23133	23133	1.51	22456	22456	1.63	21765	21765	1.77	21049	21049	1.92	19490	19490	2.09	18203	18203	2.31
		74.6°F	23739	13779	1.51	22881	13439	1.64	22011	13094	1.78	21115	12739	1.93	19378	11876	2.09	17890	11202	2.30
		80.0°F	23809	15942	1.51	22954	15577	1.64	22091	15213	1.78	21200	14840	1.93	19466	13879	2.09	17990	13130	2.30
	72.4°F	85.4°F	24006	19619	1.52	23157	19191	1.64	22327	18752	1.78	21472	18282	1.93	19770	17075	2.10	18352	16094	2.31
		90.8°F	24527	24527	1.52	23809	23809	1.65	23075	23075	1.79	22315	22315	1.95	20673	20673	2.12	19333	19333	2.34
		80.0°F	26050	13479	1.54	25124	13184	1.67	24179	12853	1.81	23206	12515	1.96	21315	11678	2.13	19700	11028	2.34
		85.4°F	26104	16617	1.54	25174	16304	1.67	24227	15948	1.81	23254	15585	1.96	21365	14594	2.13	19760	13835	2.35
		90.8°F	26194	19475	1.54	25288	19135	1.67	24358	18732	1.81	23401	18319	1.97	21529	17170	2.13	19945	16295	2.35
		96.2°F	26427	21989	1.55	25600	21589	1.68	24714	21116	1.82	23825	20592	1.98	22014	19208	2.15	20535	18082	2.37

Heating Mode

Indoor DB°F	Outdoor WB°F											
	5.0		14.0		23.0		32.0		42.8		50.0	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60.8	10637	1.21	13195	1.30	15754	1.38	18349	1.47	21420	1.57	23467	1.64
64.4	10527	1.27	13086	1.36	15681	1.44	18240	1.53	21310	1.63	23357	1.70
68.0	10417	1.33	12976	1.42	15571	1.50	18130	1.59	21200	1.69	23247	1.76
69.8	10381	1.36	12940	1.45	15498	1.53	18057	1.62	21164	1.72	23211	1.79
71.6	10308	1.39	12903	1.48	15462	1.56	18020	1.65	21091	1.75	23138	1.82
75.2	10198	1.46	12793	1.54	15352	1.63	17911	1.71	20981	1.81	23028	1.88

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.

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