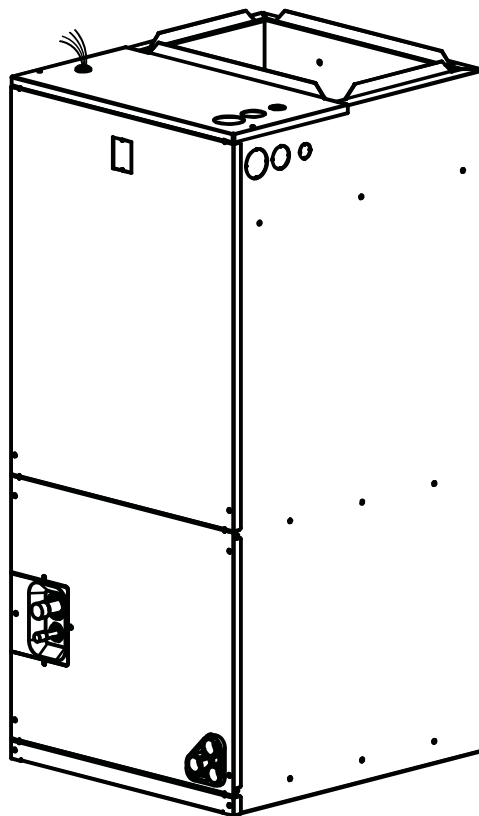




SPECIFICATIONS

ARAM AIR HANDLERS
HIGH EFFICIENCY



1.5-5Tons

FEATURING R-410A OR R22 REFRIGERANT

4.4 ELECTRICAL DATA

NOMINAL COOLING		VOLTAGE	HERTZ	HP	RPM	SPEEDS	CIRCUIT AMPS.	MINIMUM CIRCUIT AMPACITY	MAXIMUM CIRCUIT PROTECTOR
COOLING	1.5	208/240	60	1/7	580	3	0.68	1	15(A)
	2	208/240	60	1/5	701	3	0.95	1.5	15(A)
	2.5	208/240	60	1/4	872	3	1.48	2	15(A)
	3	208/240	60	1/3	794	3	1.63	2	15(A)
	3.5	208/240	60	2/5	882	3	1.8	3	15(A)
	4	208/240	60	1/2	845	3	2.11	3	15(A)
COOLING AND HEATING	5	208/240	60	3/4	963	3	2.79	4	15(A)
	1.5	208/240	60	1/7	580	3	0.68	1	15(A)
	2	208/240	60	1/5	701	3	0.95	1.5	15(A)
	2.5	208/240	60	1/4	872	3	1.48	2	15(A)
	3	208/240	60	2/5	794	3	1.63	3	15(A)
	3.5	208/240	60	2/5	882	3	1.8	3	15(A)
	4	208/240	60	1/2	845	3	2.11	3	15(A)
	5	208/240	60	3/4	963	3	2.79	4	15(A)

5.0 AIRFLOW PERFORMANCE

Airflow performance data is based on cooling performance with a coil and no filter in place. Select performance table for appropriate unit size external static applied to unit allows operation within the minimum and maximum limits shown in table below for both cooling and electric heat operation.

AIRFLOW PERFORMANCE DATA

Model Number	Motor Speed		CFM(Watts)									
			External Static Pressure-Inches W.C.[kPa]									
			0[0]	0.1[.02]	0.16[.04]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.15]	0.7[.17]	0.8[.20]
18	Low	CFM	551	509	-	462	393	345	280	-	-	-
		RPM	440	518	-	595	679	726	781	-	-	-
		Watts	122.4	120	-	116.8	116.3	109.9	106.2	-	-	-
		Amps	0.62	0.62	-	0.62	0.61	0.61	0.6	-	-	-
	Middle	CFM	661	622	-	577	506	443	400	-	-	-
		RPM	518	580	-	640	731	770	812	-	-	-
		Watts	145.2	143	-	140.8	136.3	133.6	131.2	-	-	-
		Amps	0.69	0.68	-	0.68	0.67	0.67	0.66	-	-	-
	High	CFM	-	-	-	-	-	-	590	550	487	400
		RPM	-	-	-	-	-	-	894	911	940	975
		Watts	-	-	-	-	-	-	232	229.5	224.4	217.4
		Amps	-	-	-	-	-	-	1.16	1.15	1.14	1.12
24	Low	CFM	646	623	-	592	553	506	453	-	-	-
		RPM	528	591	-	650	728	790	840	-	-	-
		Watts	169.4	166.4	-	163	157.5	151.3	146.3	-	-	-
		Amps	0.79	0.78	-	0.78	0.77	0.76	0.75	-	-	-
	Middle	CFM	815	802	-	771	733	681	613	-	-	-
		RPM	658	701	-	743	790	841	888	-	-	-
		Watts	218	216.6	-	214.4	211.4	207.4	203	-	-	-
		Amps	0.96	0.95	-	0.95	0.94	0.93	0.92	-	-	-
	High	CFM	-	-	-	-	-	-	780	695	607	515
		RPM	-	-	-	-	-	-	919	956	986	1014
		Watts	-	-	-	-	-	-	262.6	256.4	250.1	243
		Amps	-	-	-	-	-	-	1.2	1.18	1.17	1.15

Model Number	Motor Speed		CFM(Watts)									
			External Static Pressure-Inches W.C.[kPa]									
			0[0]	0.1[.02]	0.16[.04]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.15]	0.7[.17]	0.8[.20]
30	Low	CFM	912	853	831	811	756	697	644	-	-	-
		RPM	730	773	793	813	844	873	902	-	-	-
		Watts	288.4	281	276	274	267.1	259.4	253	-	-	-
		Amps	1.32	1.31	1.3	1.29	1.28	1.27	1.25	-	-	-
	Middle	CFM	1076	1024	992	966	871	850	785	-	-	-
		RPM	823	855	872	885	911	932	954	-	-	-
		Watts	338	332	328	327	321	314	308	-	-	-
		Amps	1.51	1.49	1.48	1.48	1.46	1.45	1.43	-	-	-
	High	CFM	-	-	-	-	-	-	969	893	820	740
		RPM	-	-	-	-	-	-	1004	1018	1033	1043
		Watts	-	-	-	-	-	-	404.4	396	387	378.5
		Amps	-	-	-	-	-	-	1.92	1.9	1.88	1.86
36	Low	CFM	1102	1066	1043	1028	984	930	812	-	-	-
		RPM	666	709	733	748	781	825	882	-	-	-
		Watts	330.1	319.1	318.3	312.6	304.6	297.5	281.7	-	-	-
		Amps	1.43	1.39	1.38	1.36	1.33	1.29	1.23	-	-	-
	Middle	CFM	1256	1217	1197	1182	1137	1089	1019	-	-	-
		RPM	742	782	794	810	841	874	905	-	-	-
		Watts	385.2	376.2	376.6	372	362.1	354	340.3	-	-	-
		Amps	1.67	1.64	1.63	1.61	1.57	1.55	1.49	-	-	-
	High	CFM	-	-	-	-	-	-	1184	1102	900	805
		RPM	-	-	-	-	-	-	953	978	1013	1032
		Watts	-	-	-	-	-	-	394.2	376.6	347.8	330.8
		Amps	-	-	-	-	-	-	1.75	1.69	1.58	1.53
42	Low	CFM	1215	1175	1151	1134	1086	1028	967	-	-	-
		RPM	739	775	797	808	844	872	905	-	-	-
		Watts	380.6	369.5	362.7	358	346.6	335.3	322.3	-	-	-
		Amps	1.67	1.62	1.6	1.58	1.55	1.51	1.47	-	-	-
	Middle	CFM	1471	1421	1389	1372	1315	1252	1183	-	-	-
		RPM	840	865	882	893	915	937	959	-	-	-
		Watts	424.8	417.6	412.6	408.5	397.9	389.1	380.4	-	-	-
		Amps	1.84	1.81	1.8	1.78	1.74	1.7	1.68	-	-	-
	High	CFM	-	-	-	-	-	-	1330	1246	1026	901
		RPM	-	-	-	-	-	-	1002	1016	1042	1059
		Watts	-	-	-	-	-	-	453	439.8	414.9	398.1
		Amps	-	-	-	-	-	-	2.02	1.97	1.88	1.82
48	Low	CFM	1448	1398	-	1344	1286	1224	1155	-	-	-
		RPM	693	732	-	769	803	833	864	-	-	-
		Watts	388.3	383.7	-	378.2	371.9	365.7	358.2	-	-	-
		Amps	1.69	1.66	-	1.64	1.62	1.6	1.58	-	-	-
	Middle	CFM	1708	1652	-	1595	1533	1472	1390	-	-	-
		RPM	789	817	-	845	876	898	920	-	-	-
		Watts	493	487.2	-	479.3	470.6	461.9	452.4	-	-	-
		Amps	2.16	2.14	-	2.11	2.08	2.06	2.03	-	-	-
	High	CFM	-	-	-	-	-	-	1600	1504	1408	1311
		RPM	-	-	-	-	-	-	987	1002	1015	1030
		Watts	-	-	-	-	-	-	576.6	161.1	548	529.2
		Amps	-	-	-	-	-	-	2.67	2.62	2.58	2.54
60	Low	CFM	1723	1675	-	1614	1538	1443	1322	-	-	-
		RPM	837	864	-	887	910	934	952	-	-	-
		Watts	587	566	-	550	536	523	508	-	-	-
		Amps	2.64	2.58	-	2.53	2.49	2.44	2.4	-	-	-
	Middle	CFM	2121	2055	-	1966	1865	1750	1620	-	-	-
		RPM	937	950	-	963	977	991	1004	-	-	-
		Watts	665	648	-	625	608	591	573	-	-	-
		Amps	2.93	2.86	-	2.79	2.72	2.67	2.61	-	-	-
	High	CFM	-	-	-	-	-	-	1968	1797	1608	1418
		RPM	-	-	-	-	-	-	1062	1075	1088	1103
		Watts	-	-	-	-	-	-	680	663	646	627
		Amps	-	-	-	-	-	-	3.1	3.02	2.94	2.85



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