



The new degree of comfort.™

Rheem High Efficiency Air Handler



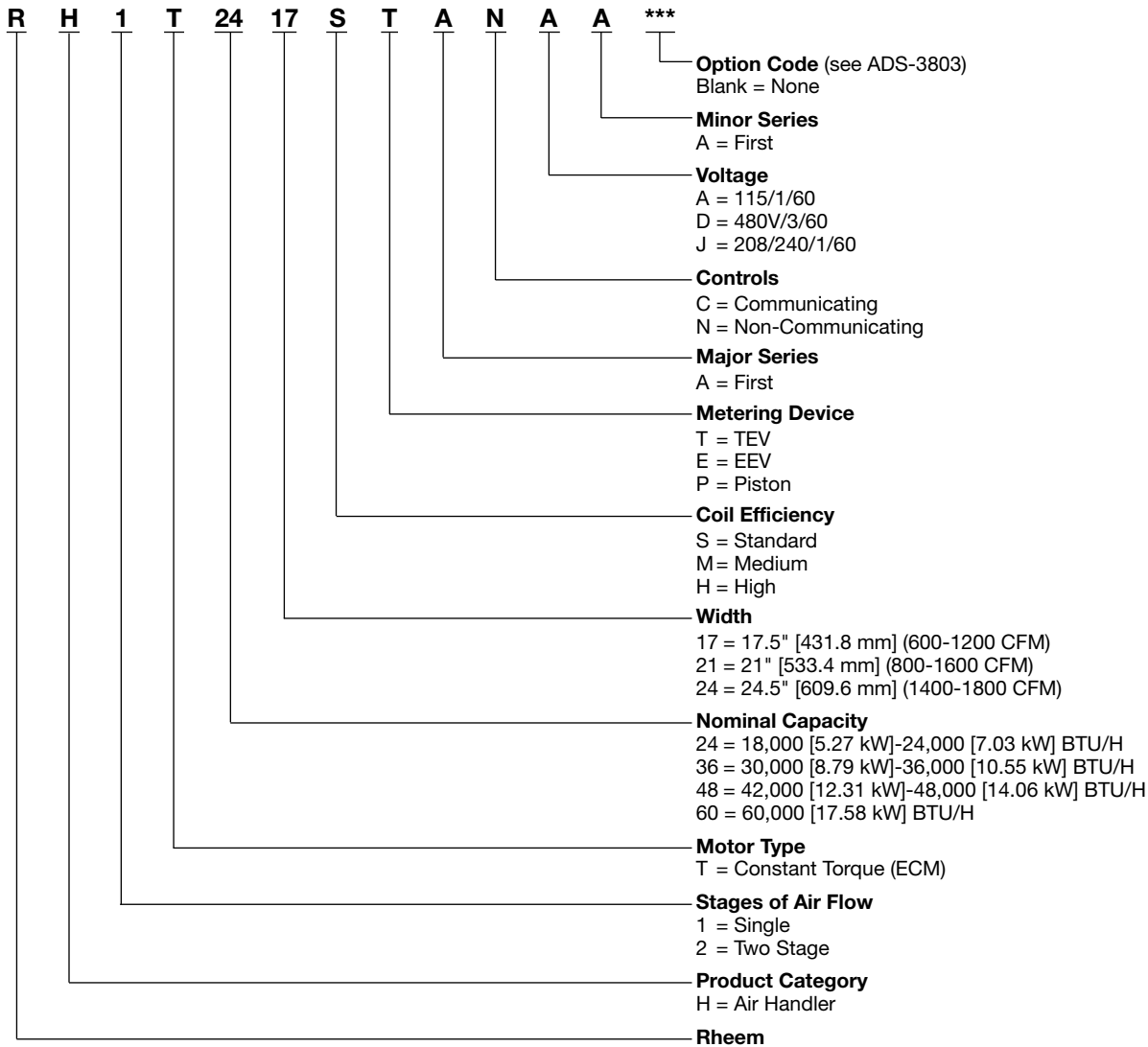
RH1T/RH2T- Series Constant Torque Motor (ECM) Efficiencies up to 16 SEER



- RH1T/RH2T feature a Constant Torque motor (ECM) which provides enhanced SEER performance with most Rheem outdoor units.
- Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications.
- Factory-installed indoor coil.
- Sturdy cabinet construction with 1.0 inch [25.4 mm] of foil faced insulation for excellent sound and insulating characteristics.
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect.
- 1½ ton [5.3 kW] through 5 ton [17.6 kW] models are between 42½ to 57 inches [1080 to 1448 mm] tall and 22 inches [559 mm] deep.
- All models meet or exceed 330 to 400 CFM [156 to 189 L/s] per ton at .3 inches [.7 kPa] of external static pressure.
- Enhanced airflow up to .7" external static pressure.
- Evaporator is constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Suitable for application in mobile homes.
- Cabinet air leakage less than 2.0% at 1.0 inch H₂O when tested in accordance with ASHRAE Standard 193.



Air



[] Designates Metric Conversions

Available Models at 115V A Voltage
RH1T2417STANAA
RH1T3617STANAA
RH1T3621MTANAA
RH1T3621HTANAA
RH1T4821STANAA
RH1T4821MTANAA
RH1T6021STANAA
RH1T4824STANAA
RH1T6024STANAA

Available Models at 208V J Voltage
RH1T2417STANJA
RH1T3617STANJA
RH1T3621MTANJA
RH1T3621HTANJA
RH1T4821MTANJA
RH1T4821STANJA
RH1T4824STANJA
RH1T6021STANAA
RH1T6024STANJA
RH2T2421MTANJA
RH2T3621MTANJA
RH2T4824MTANJA
RH2T6024STANJA

Available Models at 480V D Voltage
RH1T6024STANDA



Unit Dimensions & Weights

Model Size RH1T	Refrigerant Connections Sweat (In.) [mm] ID		Unit Width "W" In. [mm]	Unit Height "H" In. [mm]	Supply Duct "A" In. [mm]	Air Flow CFM (Nom.) [L/s]		Unit Weight/Shipping Weight (Lbs.) [kg]
	Liquid	Vapor				Lo	Hi	Unit With Coil (Max. KW)
2417ST	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	42 1/2 [1080]	16 [406]	600 [283]	800 [378]	92/106 [42/48]
3617ST	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	42 1/2 [1080]	16 [406]	1000 [472]	1200 [566]	96/110 [44/50]
3621HT	3/8 [9.53]	7/8 [22.23]	21 [533]	57 [1448]	19 1/2 [495]	1000 [472]	1200 [566]	137/149 [62/68]
3621MT	3/8 [9.53]	7/8 [22.23]	21 [533]	50 1/2 [1282]	19 1/2 [495]	1000 [472]	1200 [566]	126/142 [57/64]
4821MT	3/8 [9.53]	7/8 [22.23]	21 [533]	57 [1448]	19 1/2 [495]	1400 [661]	1600 [755]	139/151 [63/68]
4821ST	3/8 [9.53]	7/8 [22.23]	21 [533]	50 1/2 [1282]	19 1/2 [495]	1400 [661]	1600 [755]	128/144 [56/65]
4824ST	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	55 1/2 [1410]	23 [585]	1600 [755]	—	142/160 [64/72]
6021ST	3/8 [9.53]	7/8 [22.23]	21 [533]	57 [1448]	19 1/2 [495]	1600 [755]	1725 [814]	139/151 [63/68]
6024ST	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	55 1/2 [1410]	23 [585]	—	1800 [850]	159/176 [72/80]

*Maximum dehumidification airflow.

Unit Dimensions & Weights

Model Size RH2T	Refrigerant Connections Sweat (In.) [mm] ID		Unit Width "W" In. [mm]	Unit Height "H" In. [mm]	Supply Duct "A" In. [mm]	Air Flow CFM (Nom.) [L/s]		Unit Weight/Shipping Weight (Lbs.) [kg]
	Liquid	Vapor				Lo	Hi	Unit With Coil (Max. KW)
2421MT	3/8 [9.53]	3/4 [19.05]	21 [533]	42 1/2 [1080]	19 1/2 [495]	525 [248]	700 [330]	111/126 [50/57]
3621MT	3/8 [9.53]	7/8 [22.23]	21 [533]	50 1/2 [1282]	19 1/2 [495]	800 [377]	1050 [495]	129/145 [59/66]
4824MT	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	55 1/2 [1410]	23 [584]	1050 [495]	1400 [660]	128/146 [58/66]
6024ST	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	55 1/2 [1410]	23 [584]	1200 [566]	1600 [755]	161/178 [73/81]

[] Designates Metric Conversions

**115V/208V/240V/460V Airflow Performance Data—RH1T (Constant Torque (ECM) Motor)**

Model No. RH1T	Tonnage Application	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] # of Speed	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts (No Filter)									
						External Static Pressure—Inches W.C. [kPa]									
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]			
2417ST No Heat	1.5 Ton	5	683/485 [322/229 L/s]	10x8 1/3 HP [249] 5 Speed	2	CFM	837 [395]	713 [366]	608 [287]	554 [261]	485 [229]	—	—		
						RPM	565	587	630	692	751	—	—		
						Watts	95	81	88	74	66	—	—		
					3	CFM	—	—	—	—	683 [322]	615 [290]	572 [270]	—	—
						RPM	—	—	—	—	789	842	892	—	—
						Watts	—	—	—	—	140	159	155	—	—
2417ST with 13 kW Heater	1.5 Ton	5	683/485 [322/229 L/s]	10x8 1/3 HP [249] 5 Speed	2	CFM	814 [384]	692 [326]	589 [278]	535 [252]	467 [220]	—	—		
						RPM	592	613	656	719	778	—	—		
						Watts	108	90	97	82	73	—	—		
					3	CFM	—	—	—	—	808 [381]	629 [297]	584 [276]	—	—
						RPM	—	—	—	—	789	842	892	—	—
						Watts	—	—	—	—	148	168	163	—	—
2417ST No Heat	2 Ton	5	858/697 [405/329 L/s]	10x8 1/3 HP [249] 5 Speed	4	CFM	902 [426]	846 [399]	788 [372]	742 [350]	679 [320]	—	—		
						RPM	596	645	694	741	791	—	—		
						Watts	105	108	116	121	130	—	—		
					5	CFM	—	—	—	—	858 [276]	816 [385]	770 [363]	—	—
						RPM	—	—	—	—	834	879	925	—	—
						Watts	—	—	—	—	185	182	214	—	—
2417ST with 13 kW Heater	2 Ton	5	683/485 [322/229 L/s]	10x8 1/3 HP [249] 5 Speed	4	CFM	882 [416]	827 [390]	769 [363]	723 [341]	661 [312]	—	—		
						RPM	595	670	719	767	817	—	—		
						Watts	113	125	124	129	197	—	—		
					5	CFM	—	—	—	—	833 [393]	791 [373]	746 [352]	—	—
						RPM	—	—	—	—	852	898	944	—	—
						Watts	—	—	—	—	192	189	222	—	—
3617ST No Heater	2.5 Ton	5	935/1084 CFM [441/512 L/s]	10x8 1/2 HP [373] 5 Speed	2	CFM	1093 [516]	1050 [496]	1017 [480]	977 [461]	935 [441]	—	—		
						RPM	671	725	764	809	852	—	—		
						Watts	153	168	174	180	188	—	—		
					3	CFM	—	—	—	—	1084 [512]	1040 [491]	1001 [472]	—	—
						RPM	—	—	—	—	896	936	971	—	—
						Watts	—	—	—	—	249	257	261	—	—
3617ST with 18 kW Heater	2.5 Ton	5	910/1059 CFM [429/500 L/s]	10x8 1/2 HP [373] 5 Speed	2	CFM	1068 [504]	1025 [484]	992 [468]	952 [449]	910 [429]	—	—		
						RPM	711	765	804	849	892	—	—		
						Watts	164	179	185	191	199	—	—		
					3	CFM	—	—	—	—	1059 [500]	1015 [479]	976 [461]	—	—
						RPM	—	—	—	—	936	976	1011	—	—
						Watts	—	—	—	—	260	268	272	—	—
3617ST No Heater	3 Ton	5	1130/1275 CFM [533/602 L/s]	10x8 1/2 HP [373] 5 Speed	4	CFM	1270 [599]	1237 [584]	1199 [566]	1165 [550]	1130 [533]	—	—		
						RPM	775	816	846	882	926	—	—		
						Watts	237	249	259	268	277	—	—		
					5	CFM	—	—	—	—	1275 [602]	1244 [587]	1211 [571]	—	—
						RPM	—	—	—	—	963	999	1029	—	—
						Watts	—	—	—	—	338	348	363	—	—
3617ST with 18 kW Heater	3 Ton	5	1105/1250 CFM [521/590 L/s]	10x8 1/2 HP [373] 5 Speed	4	CFM	1245 [588]	1212 [572]	1174 [554]	1140 [538]	1105 [521]	—	—		
						RPM	815	856	886	922	966	—	—		
						Watts	248	260	270	279	288	—	—		
					5	CFM	—	—	—	—	1250 [590]	1219 [575]	1186 [560]	—	—
						RPM	—	—	—	—	1003	1039	1069	—	—
						Watts	—	—	—	—	349	359	374	—	—

[] Designates Metric Conversions



115V/208V/240V/460V Airflow Performance Data—RH1T (Constant Torque (ECM) Motor) (con't.)

Model No. RH1T	Tonnage Application	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] # of Speed	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts (No Filter)							
						External Static Pressure—Inches W.C. [kPa]							
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	
3621MT No Heater	2.5 Ton	5	854/1103 CFM [403/521 L/s]	10x10 1/2 HP [373] 5 Speed	2	CFM	1073 [506]	1016 [479]	963 [454]	906 [428]	854 [403]	—	—
						RPM	637	692	746	801	847	—	—
						Watts	130	142	153	165	176	—	—
					3	CFM	—	—	—	—	1103 [521]	1059 [500]	1000 [472]
						RPM	—	—	—	—	917	957	1001
						Watts	—	—	—	—	262	271	285
3621MT with 18 kW Heater	2.5 Ton	5	828/1016 CFM [391/479 L/s]	10x10 1/2 HP [373] 5 Speed	2	CFM	1044 [493]	988 [466]	936 [442]	880 [415]	828 [391]	—	—
						RPM	678	734	791	844	883	—	—
						Watts	141	155	158	171	182	—	—
					3	CFM	—	—	—	—	1016 [479]	961 [454]	904 [427]
						RPM	—	—	—	—	939	968	1015
						Watts	—	—	—	—	233	243	265
3621MT No Heater	3 & 3.5 Ton	5	1070/1288 CFM [505/608 L/s]	10x10 1/2 HP [373] 5 Speed	4	CFM	1264 [597]	1223 [577]	1171 [553]	1112 [525]	1070 [505]	—	—
						RPM	724	761	814	868	900	—	—
						Watts	198	208	222	237	245	—	—
					5	CFM	—	—	—	—	1288	1244	1200
						RPM	—	—	—	—	974 [608]	1012 [587]	1044 [566]
						Watts	—	—	—	—	345	362	371
3621MT with 18 kW Heater	3 & 3.5 Ton	5	1042/1257 CFM [492/593 L/s]	10x10 1/2 HP [373] 5 Speed	4	CFM	1233 [582]	1193 [563]	1142 [539]	1084 [512]	1042 [492]	—	—
						RPM	759	794	845	915	933	—	—
						Watts	219	215	227	251	261	—	—
					5	CFM	—	—	—	—	1257 [593]	1213 [572]	1169 [552]
						RPM	—	—	—	—	1020	1023	1054
						Watts	—	—	—	—	355	368	376

Notes: Constant Torque motor speed changes.

All Constant Torque motors have 5 speed tabs. Speed tab 1 is for continuous fan. Speed tab 2 (low static) and Speed tab 3 (high static) are for lower tonnage. Speed tab 4 (low static) and Speed tab 5 (high static) are for higher tonnage.

Constant Torque air handlers are always shipped from factory at Speed tab 5, except for -4824, which is set at Speed tab 3. For instance, (-)H1T-HM2417JA is always shipped at high static 2-ton airflow (Speed tab 5). To change to 1.5-ton airflow, move the blue wire to Speed tab 2 or 3 on the Constant Torque motor.

The low static Speed tab 2 (lower tonnage) and 4 (higher tonnage) are used for external static below 0.5" WC. The high static Speed tab 3 (lower tonnage) and 5 (higher tonnage) are used for external static exceeding 0.5" WC. Move the blue wire to the appropriate Speed tab as required by the application needs.

- The airflow for continuous fan (Speed tab 1) is always set at 50% of the Speed tab 4.
- The above airflow table lists the airflow information for air handlers without heater and air handler with maximum heater allowed for each model.
- The following formula can be used to calculate the approximate airflow, if a smaller (N kW) than the maximum heater kit is installed.
Approximate Airflow = Airflow without heater – (Airflow without heater – Airflow with maximum heater) x (N kW/maximum heater kW)

[] Designates Metric Conversions

115V/208V/240V/460V Airflow Performance Data—RH1T (Constant Torque (ECM) Motor) (con't.)

Model No. RH1T	Tonnage Application	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] # of Speed	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts (No Filter)							
						External Static Pressure—Inches W.C. [kPa]							
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	
4821ST No Heater	3.5 Ton	5	1337/1447 CFM [631/683 L/s]	10x10 3/4 HP [559] 5 Speed	2	CFM	1473 [695]	1442 [681]	1401 [661]	1373 [648]	1337 [631]	—	—
						RPM	781	825	867	905	949	—	—
						Watts	257	271	303	307	315	—	—
					3	CFM	—	—	—	—	1447 [683]	1433 [676]	1402 [662]
						RPM	—	—	—	—	987	1034	1065
						Watts	—	—	—	—	394	406	405
4821ST with 20 kW Heater	3.5 Ton	5	1297/1333 CFM [612/629 L/s]	10x10 3/4 HP [559] 5 Speed	2	CFM	1433 [676]	1402 [662]	1361 [642]	1333 [629]	1297 [612]	—	—
						RPM	831	875	919	954	989	—	—
						Watts	277	295	313	319	325	—	—
					3	CFM	—	—	—	—	1333 [629]	1300 [613]	1267 [598]
						RPM	—	—	—	—	1011	1046	1080
						Watts	—	—	—	—	350	364	377
4821ST No Heater	4 Ton	5	1535/1654 CFM [724/781 L/s]	10x10 3/4 HP [559] 5 Speed	4	CFM	1665 [786]	1631 [770]	1601 [756]	1572 [742]	1535 [724]	—	—
						RPM	853	893	934	968	1015	—	—
						Watts	351	387	401	406	422	—	—
					5	CFM	—	—	—	—	1654 [781]	1624 [766]	1563 [738]
						RPM	—	—	—	—	1036	1078	1095
						Watts	—	—	—	—	500	513	523
4821ST with 25 kW Heater	4 Ton	5	1495/1614 CFM [706/762 L/s]	10x10 3/4 HP [559] 5 Speed	4	CFM	1625 [767]	1591 [751]	1561 [737]	1532 [723]	1495 [706]	—	—
						RPM	894	932	970	1020	1052	—	—
						Watts	389	400	410	430	450	—	—
					5	CFM	—	—	—	—	1614 [762]	1584 [748]	1523 [719]
						RPM	—	—	—	—	1085	1090	1105
						Watts	—	—	—	—	514	520	530
4824ST No Heater	4 Ton	3	1545/1732 CFM [729/817 L/s]	11x11 3/4 HP [559] 5 Speed	2	CFM	1748 [825]	1669 [788]	1639 [773]	1599 [755]	1545 [729]	—	—
						RPM	660	698	734	762	795	—	—
						Watts	297	311	326	340	353	—	—
					3	CFM	—	—	—	—	1732 [817]	1683 [794]	1630 [769]
						RPM	—	—	—	—	840	872	899
						Watts	—	—	—	—	448	467	480
4824ST with 25 kW Heater	4 Ton	3	1505/1692 CFM [710/798 L/s]	11x11 3/4 HP [559] 5 Speed	2	CFM	1708 [806]	1629 [769]	1599 [755]	1559 [736]	1505 [710]	—	—
						RPM	680	736	760	790	820	—	—
						Watts	305	330	341	350	361	—	—
					3	CFM	—	—	—	—	1692 [798]	1643 [775]	1590 [750]
						RPM	—	—	—	—	865	890	1014
						Watts	—	—	—	—	460	470	481
6024ST No Heater	5 Ton	5	1739/1905 CFM [821/899 L/s]	11x11 3/4 HP [559] 5 Speed	4	CFM	1902 [898]	1862 [879]	1809 [854]	1781 [840]	1739 [821]	—	—
						RPM	712	749	787	815	856	—	—
						Watts	389	409	419	432	459	—	—
					5	CFM	—	—	—	—	1905 [899]	1866 [881]	1832 [865]
						RPM	—	—	—	—	894	924	950
						Watts	—	—	—	—	565	570	592
6024ST with 30 kW Heater	5 Ton	5	1699/1865 CFM [802/880 L/s]	11x11 3/4 HP [559] 5 Speed	4	CFM	1862 [879]	1822 [860]	1769 [835]	1741 [822]	1699 [802]	—	—
						RPM	750	790	810	850	880	—	—
						Watts	410	420	430	455	479	—	—
					5	CFM	—	—	—	—	1865 [880]	1826 [862]	1792 [846]
						RPM	—	—	—	—	920	945	970
						Watts	—	—	—	—	565	587	610

[] Designates Metric Conversions

115V/208V/240V/460V Airflow Performance Data—RH1T (Constant Torque (ECM) Motor) (con't.)

Model No. RH1T	Tonnage Application	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] # of Speed	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts (No Filter)							
						External Static Pressure—Inches W.C. [kPa]							
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	
6024ST No Heater	4 & 5 Ton	5	1517/1699 CFM [716/801 L/s]	11x11 3/4 HP [559] 5 Speed	2	CFM	1705 [800]	1661 [703]	1632 [770]	1572 [741]	1517 [915]	—	—
						RPM	663	701	741	782	819	—	—
						Watts	292	309	321	343	357	—	—
					3	CFM	—	—	—	—	1697 [801]	1646 [777]	1601 [756]
						RPM	—	—	—	—	857	895	920
						Watts	—	—	—	—	447	466	920
6024ST with 30 kW Heater	4 & 5 Ton	5	1482/1661 CFM [700/784 L/s]	11x11 3/4 HP [559] 5 Speed	2	CFM	1669 [788]	1625 [767]	1596 [753]	1537 [725]	1482 [700]	—	—
						RPM	698	739	763	816	842	—	—
						Watts	308	317	329	361	373	—	—
					3	CFM	—	—	—	—	1661 [784]	1611 [760]	1566 [739]
						RPM	—	—	—	—	882	915	939
						Watts	—	—	—	—	447	480	487

- Notes:
- All 208/240V PSC motors have voltage taps for 208 and 240 volts.
 - All 208/240V PSC motors are shipped on high speed and 240 volts.
 - If the application external static is less than 0.5" WC, adjust the motor speed to the low static speed as described below:
 - Unplug the black motor wire off the relay on the control board and plug in the red motor wire.
 - Replace the cap on the black motor wire.
 - Voltage change (208/240V motors):
 - Move the orange lead to transformer 208V tap from 240V tap. Replace the wire cap on 240V tap.
 - Unplug the purple motor wire off the transformer and plug in the yellow motor wire.
 - Replace the cap on the purple motor wire.
 - The above airflow table lists the airflow information for air handlers without heater and air handler with maximum heater allowed for each model.
 - The following formula can be used to calculate the approximate airflow, if a smaller (N kW) than the maximum heater kit is installed.
 Approximate Airflow = Airflow without heater - (Airflow without heater - Airflow with maximum heater) x (N kW/maximum heater kW)

[] Designates Metric Conversions

115V/208V/240V/480V Airflow Performance Data—RH1T (Constant Torque (ECM) Motor) (con't.)

Model No. RH1T	Nominal Cooling Capacity Tons	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] # of Speed	Motor Speed From Factory	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts (No Filter)							
						External Static Pressure—Inches W.C. [kPa]							
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	
3621H No Heat	2.5		10x10 1/2 HP [373] 2 Speed dual voltage	5	3	CFM	1305	1251	1205	1154	1101	1046	995
						RPM	668	727	752	797	832	888	914
						Watts	193	187	183	208	210	213	247
					2	CFM	1249	1193	1138	1082	1026	970	914
						RPM	732	780	828	877	925	973	1021
						Watts	114	123	133	142	151	161	170
3621H 18 Kw Heat	2.5		10x10 1/2 Hp [373] 2 Speed dual voltage	5	3	CFM	1280	1228	1176	1124	1072	1020	968
						RPM	695	736	777	817	858	899	939
						Watts	189	191	197	208	223	243	267
					2	CFM	1221	1166	1110	1054	998	942	886
						RPM	756	804	853	901	949	997	1045
						Watts	119	128	137	147	156	165	175
3621H No Heat	3		10x10 1/2 Hp [373] 2 Speed dual voltage	5	4	CFM	1468	1421	1377	1332	1285	1240	1192
						RPM	739	773	822	863	901	937	974
						Watts	238	268	276	307	313	302	297
					5	CFM	1272	1220	1174	1124	1067	1016	961
						RPM	658	706	753	797	838	877	925
						Watts	180	189	189	190	225	202	246
3621H 18 Kw Heat	3		10x10 1/2 Hp [373] 2 Speed dual voltage	5	5	CFM	1445	1399	1354	1308	1262	1216	1170
						RPM	759	799	839	878	918	958	997
						Watts	252	277	295	305	308	303	290
					4	CFM	1249	1197	1145	1093	1042	990	938
						RPM	684	728	772	816	859	903	947
						Watts	183	186	192	202	214	230	248
4821M No Heat	3.5		10x10 3/4 Hp [559] 2 Speed dual voltage	5	3	CFM	1590	1546	1512	1476	1443	1412	1378
						RPM	831	878	909	953	982	1012	1049
						Watts	377	373	379	390	406	420	427
					2	CFM	1489	1441	1401	1359	1316	1278	1231
						RPM	750	801	843	882	904	943	985
						Watts	244	270	282	277	288	288	290
4821M 20 Kw Heat	3.5		10x10 3/4 Hp [559] 2 Speed dual voltage	5	3	CFM	1567	1532	1497	1462	1427	1393	1358
						RPM	856	892	927	963	998	1034	1069
						Watts	374	379	386	396	408	423	440
					2	CFM	1465	1423	1381	1338	1296	1254	1212
						RPM	779	816	854	891	929	967	1004
						Watts	257	270	281	287	290	289	285
4821M No Heat	4		10x10 3/4 Hp [559] 2 Speed dual voltage	5	5	CFM	1803	1760	1217	1683	1648	1612	1576
						RPM	886	919	952	988	1019	1053	1088
						Watts	437	430	451	487	489	505	481
					4	CFM	1681	1641	1598	1564	1528	1494	1452
						RPM	825	855	907	940	956	1010	1045
						Watts	338	358	388	397	388	422	434

[] Designates Metric Conversions

115V/208V/240V/480V Airflow Performance Data—RH1T (Constant Torque (ECM) Motor) (con't.)

Model No. RH1T	Nonimal Cooling Capacity Tons	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] # of Speed	Motor Speed From Factory	Motor Speed	CFM [L/s] Air Delivery/RPM/Watts (No Filter)							
						External Static Pressure—Inches W.C. [kPa]							
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	
4821M 20 Kw Heat	4		10x10 3/4 Hp [559] 2 Speed dual voltage	5	5	CFM	1779	1742	1704	1667	1630	1592	1555
						RPM	903	936	970	1003	1037	1070	1104
						Watts	440	451	463	474	486	497	509
					4	CFM	1659	1621	1584	1546	1509	1471	1434
						RPM	843	879	916	952	988	1025	1061
						Watts	352	367	382	397	412	427	442
6021S No Heat	4 & 5		10x10 3/4 Hp [559] 2 Speed dual voltage	5	3	CFM	1841	1798	1758	1728	1699	1660	1629
						RPM	898	930	967	997	1027	1057	1092
						Watts	469	470	484	490	498	512	531
					2	CFM	1716	1669	1631	1594	1555	1522	1483
						RPM	861	887	911	948	984	1015	1050
						Watts	359	375	379	397	427	419	427
6021S 30 Kw Heat	4 & 5		10x10 3/4 Hp [559] 2 Speed dual voltage	5	3	CFM	1817	1783	1748	1713	1679	1644	1609
						RPM	915	947	979	1011	1043	1076	1108
						Watts	470	476	484	494	507	521	538
					2	CFM	1691	1653	1615	1577	1538	1500	1462
						RPM	871	903	935	967	999	1031	1063
						Watts	367	379	392	404	416	428	440
6021S No Heat	5		10x10 3/4 Hp [559] 2 Speed dual voltage	5	5	CFM	2042	2003	1968	1931	1903	1868	1835
						RPM	962	994	1043	1050	1102	1135	1159
						Watts	612	632	616	649	673	657	711
					4	CFM	1886	1849	1809	1776	1741	1704	1677
						RPM	917	948	981	1012	1047	1076	1108
						Watts	491	501	509	525	540	560	569
6021S 30 Kw Heat	5		10x10 3/4 Hp [559] 2 Speed dual voltage	5	5	CFM	2021	1987	1953	1918	1884	1850	1816
						RPM	980	1014	1047	1080	1113	1147	1180
						Watts	618	625	636	650	668	690	715
					4	CFM	2004	1970	1936	1901	1867	1833	1799
						RPM	997	1030	1064	1097	1130	1163	1196
						Watts	617	633	649	666	682	698	714

[] Designates Metric Conversions

Electrical Data – Blower Motor Only – No Electric Heat RH1T

Model RH1T	Voltage	Application Phase*	Hertz	HP [W]	RPM	Speeds	Circuit Amps.	Minimum Circuit Ampacity	Maximum Circuit Protector
2417ST	208/240	1 & 3	60	1/3 [249]	300-1100	4	1.6	2	15
3617ST				1/2 [373]	300-1100	4	2.7	4	15
3621MT/3621H				1/2 [373]	300-1100	4	3.8	5	15
4821ST/4821M/6021S				3/4 [559]	300-1100	4	3.8	5	15
6024ST/4824ST				3/4 [559]	300-1100	4	4.6	6	15
2417ST	115	1	60	1/3 [249]	300-1100	4	4.8	6	15
3617ST				1/2 [373]	300-1100	4	6.8	9	15
3621MT/3621H				1/2 [373]	300-1100	4	6.8	9	15
4821ST/4821M/6021S				3/4 [559]	300-1100	4	8.4	11	15
6024ST				3/4 [559]	300-1100	4	8.4	11	15
6024ST	480	3	60	3/4 [559]	300-1100	4	3.2	4	15

* Blower motors are all single phase motors.

[] Designates Metric Conversions