



The new degree of comfort.™

Rheem Air Handlers

RHML- Series X-13 (ECM) Motor



- RHML feature GE's new X-13 (ECM) motor which provides enhanced SEER performance with most Rheem outdoor units.
- 2 ton [7.0 kW] through 5 ton [17.6 kW] models are between 42½ to 55½ inches [1080 to 1410 mm] tall and 22 inches [559 mm] deep.
- Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications.
- Factory-installed high efficiency indoor coil.
- 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.
- Sturdy construction with 1.0 inch [.24 kPa] of reinforced foil faced jacket insulation for excellent thermal and sound insulation.
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet UL and cUL requirements for service disconnect.



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Engineering Features

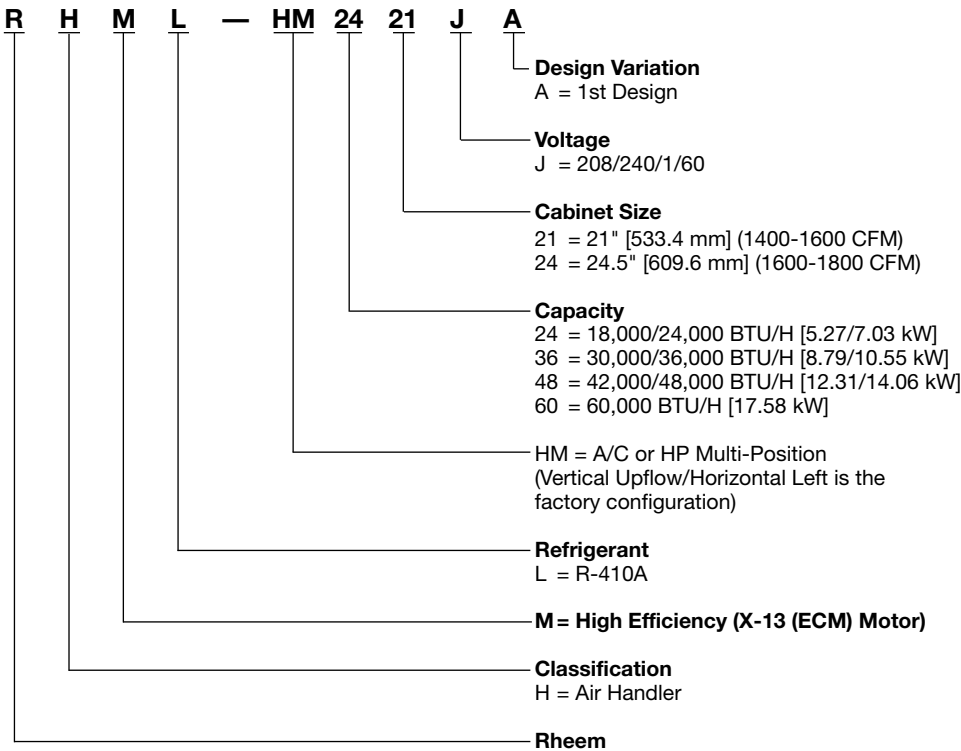
RHML- Series

- The most compact unit design available, all standard heat air handler models only 42¹/₂ to 55¹/₂ inches [1079 to 1409 mm] high.
- Attractive pre-painted cabinet exterior.
- Rugged wall steel cabinet construction, designed for added strength and versatility.
- 1.0" foil faced insulation mechanically retained in blower compartment for excellent thermal and sound performance.
- Four leg blower motor mount.
- Blower housing with controls, motor and blower. Slide out design for service and maintenance convenience.
- Traditional open wire element design for heat applications.
- Field convertible for vertical downflow, horizontal left hand or right hand air supply.
- 3 combustible floor base accessories fit all model sizes when required for downflow installations on combustible floors.
- Indoor coil design provides low air side pressure drop, high performance and extremely compact size.
- Expansion valve on indoor coil provides for operation with air conditioning or heat pump using the same coil.
- Coils are constructed of aluminum fins bonded to internally grooved copper tubing.
- Molded polymer corrosion resistant condensate drain pan is provided on all indoor coils.
- Supply duct flanges provided as standard on air handler cabinet.
- Provisions for field electrical, connections available from either side or top of the air handler cabinet.
- Connection point for high voltage wiring is inside the air handler cabinet. Low voltage connection is made on the outside of the air handler cabinet.
- Concentric knockouts are provided for power connection to cabinet. Installer may pull desired hole size up to 2 inches [51 mm] for 1¹/₂ inch [38 mm] conduit.
- Front refrigerant and drain connections.

[] Designates Metric Conversions



Model Number Identification

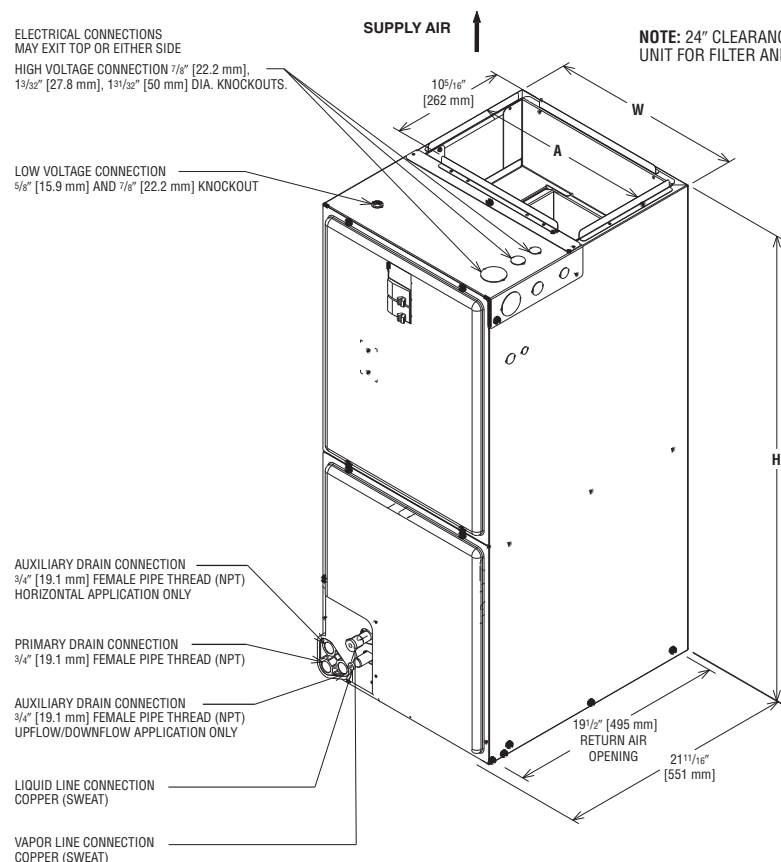


Available Models at 218V J Voltage
RHML-HM2421JA
RHML-HM3621JA
RHML-HM4824JA
RHML-HM6024JA*

- Supply circuit protective devices may be fuses or “HACR” type circuit breakers.
- Largest motor load is included in single circuit and multiple circuit.
- If non-standard fuse size is specified, use the next larger fuse size.
- J Voltage (230V) single-phase air handler is designed to be used with single or three phase 230 volt power. In the case of connecting 3-phase power to the air handler terminal block, bring only two leads to the terminal block. Cap, insulate and fully secure the third lead.
- The air handlers are shipped from the factory with the proper indoor coil installed, and cannot be ordered without a coil.
- The air handlers do not have an internal filter rack. An external filter rack or other means of filtration is required.

[] Designates Metric Conversions

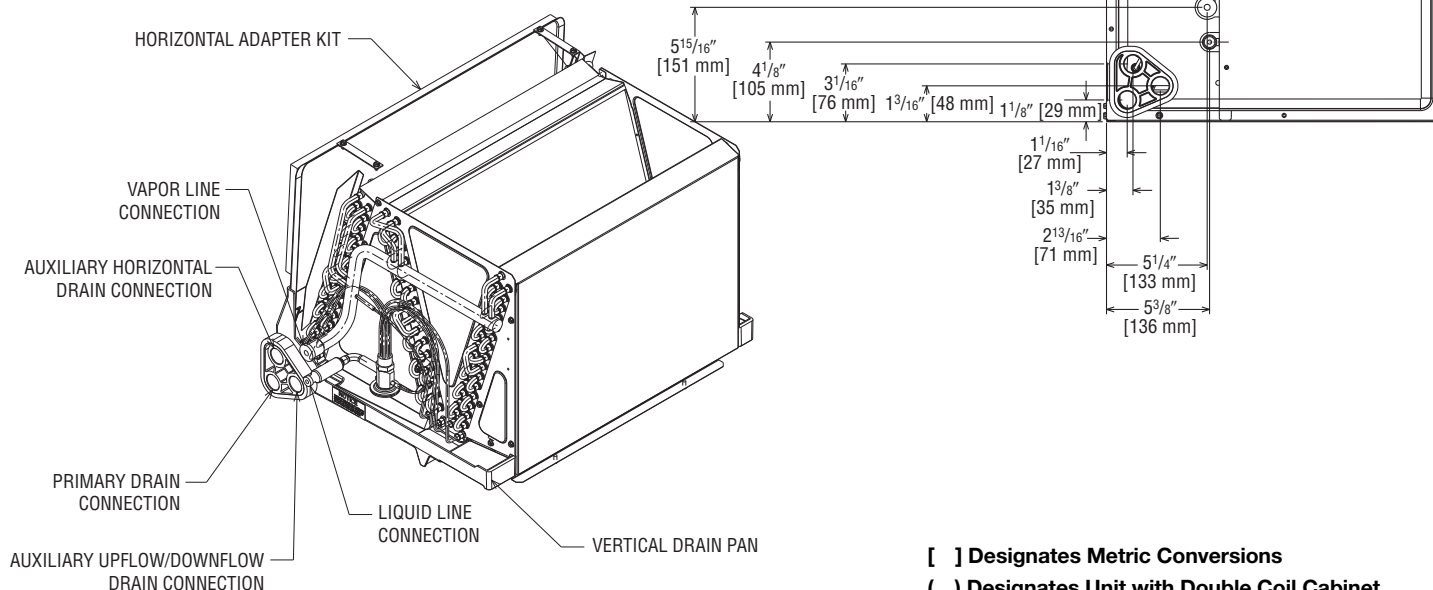
Unit Dimensions



UPFLOW UNIT SHOWN:
UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW,
HORIZONTAL RIGHT OR LEFT AIR SUPPLY.

Return Air Opening Dimensions

Model Cabinet Size	Return Air Opening Width (Inches)	Return Air Opening Depth/Length (Inches)
17	15 $7/8$	19 $3/4$
21	19 $3/8$	19 $3/4$
24	22 $7/8$	19 $3/4$



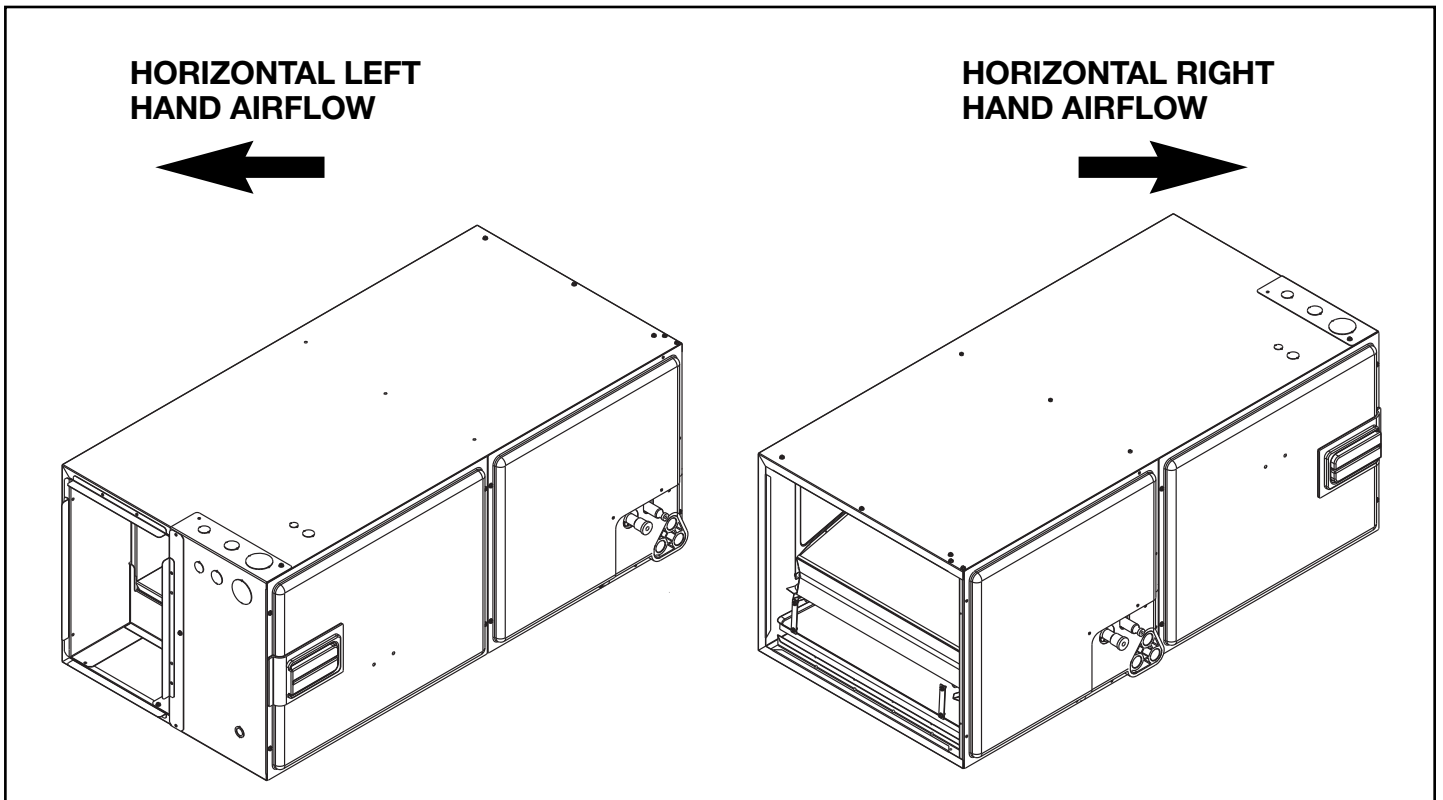
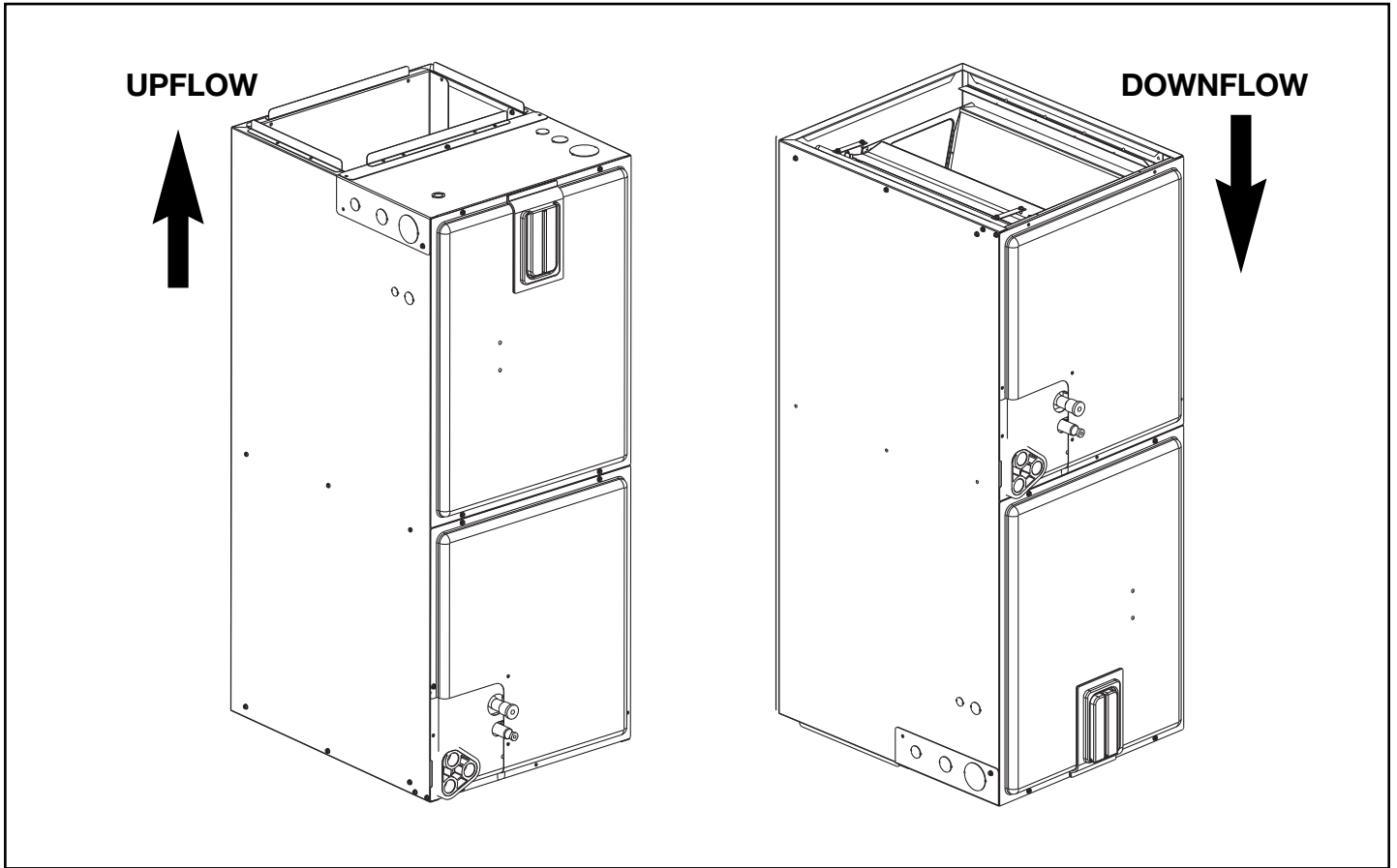
[] Designates Metric Conversions

() Designates Unit with Double Coil Cabinet

Unit Dimensions & Weights

Model Size RHML	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]
				Lo	Hi	
2421	21 [533]	42 $1/2$ [1080]	19 $1/2$ [495]	525 [248]	700 [330]	97/112 [44/51]
3621	21 [533]	50 $1/2$ [1282]	19 $1/2$ [495]	800 [377]	1050 [495]	150/166 [44/51]
4824	24 $1/2$ [622]	55 $1/2$ [1410]	23 [584]	1050 [495]	1400 [660]	181/198 [82/90]
6024	24 $1/2$ [622]	55 $1/2$ [1410]	23 [584]	1200 [566]	1600 [755]	181/198 [82/90]

Airflow Directional Data





Air

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, voltage and number of electric heaters to be used. Make sure external static applied to unit allows operation within the minimum and maximum limits shown in table

below for both cooling and electric heat operation. For optimum blower performance, operate the unit in the .3 [8 mm] to .7 inches [18 mm] W.C. external static range. Units with coils should be applied with a minimum of .1 inch [3 mm] W.C. external static range.

Airflow Operating Limits

Model Cabinet Size	17		17/21		21			24	
Cooling BTUH x 1,000	-018	-024	-030	-036	-038	-042	-048	-048	-060
Cooling Tons Nominal	1.5	2	2.5	3	3.5	3.5	4	4	5
Heat Pump or Air Conditioning Maximum Heat/Cool CFM [L/s] (37.5 CFM [18 L/s]/1,000 BTUH) (450 CFM [212 L/s]/Ton Nominal)	675 [319]	900 [425]	1125 [531]	1350 [637]	1350 [637]	1575 [743]	1800 [850]	1800 [850]	1930 [911]
Heat Pump or Air Conditioning Nominal Heat/Cool CFM [L/s] (33.3 CFM [16 L/s]/1,000 BTUH) (400 CFM [189 L/s]/Ton Nominal)	600 [283]	800 [378]	1000 [472]	1200 [566]	1200 [566]	1400 [661]	1600 [755]	1600 [755]	1800 [850]
Heat Pump or Air Conditioning Minimum Heat/Cool CFM [L/s] (30.0 CFM [14 L/s]/1,200 BTUH) (360 CFM [170 L/s]/Ton Nominal)	540 [255]	720 [340]	900 [425]	1080 [510]	1080 [510]	1260 [595]	1440 [680]	1440 [680]	1620 [765]
Maximum kW Electric Heating & Minimum Electric Heat CFM [L/s]	13 487 [230]	13 617 [291]	18 814 [384]	18 1054 [497]	18 1042 [492]	20 1171 [553]	25 1502 [709]	25 1502 [709]	30 1666 [786]
Maximum Electric Heat Rise °F [°C]	80 [26.7]	63 [17.2]	66 [18.9]	51 [10.6]	52 [11.1]	49 [9.4]	50 [10]	50 [10]	54 [12.2]

[] Designates Metric Conversions



Model No. RHML	Nominal Cooling Capacity Tons	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP # of Speeds	Y1, Y2 Speed	Motor Speed	X-13 Wet Coil No Filter CFM Air Delivery/RPM/Watts-230 Volts									
							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]	0.8 [.20]	0.9 [.22]	1.0 [.25]
-2421 No Heater	2.0	Y1 Tap 4 Y2 Tap 5	Y1=310/817 CFM [146/385] L/s Y2=445/951 CFM [210/448] L/s	10X8 3/4 hp 5 speed	Y1 Low Static	Tap 2	CFM	740	569	310	—	—	—	—	—	—
							RPM	542	561	584	—	—	—	—	—	—
							Watts	94	72	49	—	—	—	—	—	—
					Y2 Low Static	Tap 3	CFM	851	704	653	590	541	489	445	—	—
							RPM	578	599	647	711	770	814	868	—	—
							Watts	88	93	98	103	108	113	118	—	—
					Y1 High Static	Tap 4	CFM	817	699	574	515	—	—	—	—	—
							RPM	573	588	630	702	—	—	—	—	—
							Watts	97	88	78	69	—	—	—	—	—
					Y2 High Static	Tap 5	CFM	951	911	872	824	787	742	691	—	—
							RPM	622	672	725	772	821	880	922	—	—
							Watts	134	146	157	168	179	191	202	—	—
-2421 With 13 kW Heater	2.0	Y1 Tap 4 Y2 Tap 5	Y1=290/797 CFM [136/376] L/s Y2=425/931 CFM [200/439] L/s	10X8 3/4 hp 5 speed	Y1 Low Static	Tap 2	CFM	720	549	290	—	—	—	—	—	—
							RPM	557	576	599	—	—	—	—	—	—
							Watts	99	77	54	—	—	—	—	—	—
					Y2 Low Static	Tap 3	CFM	831	684	633	570	521	469	425	—	—
							RPM	593	614	662	726	785	829	883	—	—
							Watts	93	98	103	108	113	118	123	—	—
					Y1 High Static	Tap 4	CFM	797	679	554	495	—	—	—	—	—
							RPM	588	603	645	717	—	—	—	—	—
							Watts	102	93	83	74	—	—	—	—	—
					Y2 High Static	Tap 5	CFM	931	891	852	804	767	722	671	—	—
							RPM	637	687	740	787	836	895	937	—	—
							Watts	139	151	162	173	184	196	207	—	—

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 x (N kW/maximum heater kW))

[] Designates Metric Conversions



Air

Airflow Performance Data
RHML Series

Airflow Performance Data

X-13 Wet Coil No Filter CFM Air Delivery/RPM/Watts-230 Volts																	
Model No. RHML	Nominal Cooling Capacity Tons	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP # of Speeds	Y1, Y2 Speed	Motor Speed	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]	0.8 [.20]	0.9 [.22]	1.0 [.25]	
-3621 No Heater	3.0	Y1 Tap 4 Y2 Tap 5	Y1=434/1005 CFM [204/474] L/s Y2=703/1328 CFM [331/626] L/s	10X10 3/4 Hp 5 speed	Y1 Low Static	Tap 2	CFM	919	757	596	434	—	—	—	—	—	—
							RPM	567	584	635	691	—	—	—	—	—	—
							Watts	83	79	75	71	67	62	58	54	—	—
					Y2 Low Static	Tap 3	CFM	1128	1067	946	885	824	764	703	—	—	—
							RPM	644	691	728	804	884	921	945	986	—	—
							Watts	131	142	153	164	175	187	—	—	—	—
					Y1 High Static	Tap 4	CFM	1005	942	879	816	753	690	—	—	—	—
							RPM	597	645	700	790	830	868	—	—	—	—
							Watts	99	108	117	127	136	145	154	164	173	182
					Y2 High Static	Tap 5	CFM	1328	1273	1218	1164	1109	1055	1000	945	891	836
							RPM	737	773	815	854	907	990	1040	1065	1085	1117
							Watts	197	209	221	233	245	257	269	281	293	305
-3621 With 18 kW Heater	3.0	Y1 Tap 4 Y2 Tap 5	Y1=404/975 CFM [190/460] L/s Y2=673/1298 CFM [317/612] L/s	10X10 3/4 Hp 5 speed	Y1 Low Static	Tap 2	CFM	889	727	566	404	—	—	—	—	—	
							RPM	592	609	660	716	—	—	—	—	—	—
							Watts	88	84	80	76	—	—	—	—	—	—
					Y2 Low Static	Tap 3	CFM	1098	1037	977	916	855	794	734	673	—	—
							RPM	669	716	753	829	909	946	970	1011	—	—
							Watts	136	147	158	169	180	192	5	5	—	—
					Y1 High Static	Tap 4	CFM	975	912	849	786	723	660	—	—	—	—
							RPM	622	670	725	815	855	893	—	—	—	—
							Watts	104	113	122	132	141	150	—	—	—	—
					Y2 High Static	Tap 5	CFM	1298	1243	1188	1134	1079	1025	970	915	861	806
							RPM	762	798	840	879	932	1015	1065	1090	1110	1142
							Watts	202	214	226	238	250	262	274	286	298	—

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 x (N kW/maximum heater kW))

[] Designates Metric Conversions



INTEGRATED HOME COMFORT

Model No. RHML	Nominal Cooling Capacity Tons	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP # of Speeds	Y1, Y2 Speed	Motor Speed	X-13 Wet Coil No Filter CFM Air Delivery/RPM/Watts-230 Volts									
							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]	0.8 [.20]	0.9 [.22]	1.0 [.25]
-4824 No Heater	4.0	Y1 Tap 4 Y2 Tap 5	Y1=702/1271 CFM [331/599] L/s Y2=992/1673 CFM [468/789] L/s	11X11 3/4 hp 5 speed	Y1 Low Static	Tap 2	CFM	1196	1046	894	819	702	—	—	—	—
							RPM	563	580	598	643	696	—	—	—	—
							Watts	133	133	134	135	136	—	—	—	—
					Y2 Low Static	Tap 3	CFM	1517	1461	1405	1347	1297	1247	1195	1144	1088
							RPM	670	704	735	767	799	832	867	894	940
							Watts	251	265	277	287	296	310	322	335	351
					Y1 High Static	Tap 4	CFM	1271	1151	1095	1039	968	883	813	745	—
							RPM	586	610	650	691	723	774	812	841	—
							Watts	164	157	168	180	186	198	211	219	—
					Y2 High Static	Tap 5	CFM	1673	1625	1576	1527	1476	1431	1381	1339	1289
							RPM	726	756	783	815	841	870	901	929	956
							Watts	329	341	355	370	378	389	405	415	427
-4824 With 25 kW Heater	4.0	Y1 Tap 4 Y2 Tap 5	Y1=672/1241 CFM [314/582] L/s Y2=962/1643 CFM [451/772] L/s	11X11 3/4 hp 5 speed	Y1 Low Static	Tap 2	CFM	1166	1016	864	789	672	—	—	—	—
							RPM	588	605	623	668	721	—	—	—	—
							Watts	138	138	139	140	141	—	—	—	—
					Y2 Low Static	Tap 3	CFM	1487	1431	1375	1317	1267	1217	1165	1114	1038
							RPM	695	729	760	792	824	857	892	919	965
							Watts	256	270	282	292	301	315	327	340	356
					Y1 High Static	Tap 4	CFM	1241	1121	1065	1009	938	853	783	715	—
							RPM	611	635	675	716	748	799	837	866	—
							Watts	169	162	173	185	191	203	216	224	—
					Y2 High Static	Tap 5	CFM	1643	1595	1546	1497	1446	1401	1351	1309	1259
							RPM	751	781	808	840	866	895	926	954	981
							Watts	334	346	360	375	383	394	410	420	446

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.

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[] Designates Metric Conversions



Air

Airflow Performance Data
RHML Series

Airflow Performance Data

X-13 Wet Coil No Filter CFM Air Delivery/RPM/Watts-230 Volts																			
Model No. RHML	Nominal Cooling Capacity Tons	Motor Speed From Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP # of Speeds	Y1, Y2 Speed	Motor Speed	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]	0.8 [.20]	0.9 [.22]	1.0 [.25]			
-6024 No Heater	5.0	Y1 Tap 4 Y2 Tap 5	Y1=785/1350 CFM [370/637] L/s Y2=1249/1844 CFM [589/870] L/s	11X11 3/4 hp 5 speed	Y1 Low Static	Tap 2	CFM	1280	1196	1134	1080	1011	945	880	818	785	—	—	
							RPM	591	620	665	710	742	781	818	853	—	—		
							Watts	165	170	175	192	200	209	220	231	—	—		
					Y2 Low Static	Tap 3	CFM	1686	1632	1586	1538	1491	1447	1400	1352	1298	1249		
							RPM	733	770	801	830	863	891	922	953	982	1008		
							Watts	334	355	362	370	387	394	411	424	438	450		
					Y1 High Static	Tap 4	CFM	1350	1296	1240	1188	1130	1067	1002	931	849	—		
							RPM	612	654	695	734	772	811	840	874	908	—		
							Watts	179	198	205	225	236	242	253	260	276	—		
					Y2 High Static	Tap 5	CFM	1844	1796	1753	1702	1655	1612	1566	1520	1478	1429		
							RPM	794	823	852	880	908	938	968	997	1020	1044		
							Watts	434	448	460	470	490	502	512	530	540	553		
-6024 With 30 kW Heater	5.0	Y1 Tap 4 Y2 Tap 5	Y1=745/1310 CFM [353/620] L/s Y2=1209/1804 CFM [570/851] L/s	11X11 3/4 hp 5 speed	Y1 Low Static	Tap 2	CFM	1240	1156	1094	1040	971	905	840	745	—	—		
							RPM	621	650	695	740	772	811	848	883	—	—		
							Watts	170	175	180	197	205	214	225	236	—	—		
					Y2 Low Static	Tap 3	CFM	1646	1592	1546	1498	1451	1407	1360	1312	1258	1209		
							RPM	763	800	831	860	893	921	952	983	1012	1038		
							Watts	339	360	367	375	392	399	416	429	443	455		
					Y1 High Static	Tap 4	CFM	1310	1256	1200	1148	1090	1027	962	891	809	—		
							RPM	642	684	725	764	802	841	870	904	938	—		
							Watts	184	203	210	230	241	247	258	265	281	—		
					Y2 High Static	Tap 5	CFM	1804	1756	1713	1662	1615	1572	1526	1480	1438	1389		
							RPM	824	853	882	910	938	968	998	1027	1050	1074		
							Watts	439	453	465	475	495	507	517	535	545	558		

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.

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• Voltage change (208/240V motors):

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Approximate Airflow = Airflow without heater - (Airflow without heater x (N kW/maximum heater kW))

[] Designates Metric Conversions



INTEGRATED HOME COMFORT

Electrical Data – Blower Motor Only – No Electric Heat

Model	Voltage	Phase*	Hertz	HP	RPM	Speeds	Circuit Amps.	Minimum Circuit Ampacity	Maximum Circuit Protector
2421	208/240	1 & 3	60	1/3	300-1100	4	1.6	2	15
3621				3/4	300-1100	4	3.8	5	15
6024/4824				3/4	300-1100	4	4.6	6	15

* Blower motors are all single phase motors.

Electrical Data – With Electric Heat

Installation of the U.L. Listed original equipment manufacturer provided heater kits listed in the following table is recommended for all auxiliary heating requirements.

Air Handler Model	Heater Model No.	Heater kW (208/240V) (480V)	Ph/Hz	No. Elements - kW Per	Type Supply Circuit Single Circuit Multiple Circuit	Circuit Amps.	Motor Ampacity	Minimum Circuit Ampacity	Maximum Circuit Protector
(-)HML 2421	RXBH-1724?03J	2.25/3.0	1/60	1-3.0	SINGLE	10.8/12.5/1.6	1.6	16/18	20/20
	RXBH-1724?05J	3.6/4.8	1/60	1-4.8	SINGLE	17.3/20.0	1.6	24/27	25/30
	RXBH-1724?07J	5.4/7.2	1/60	2-3.6	SINGLE	26.0/30.0	1.6	35/40	35/40
	RXBH-1724?10J	7.2/9.6	1/60	2-4.8	SINGLE	34.6/40.0	1.6	46/52	50/60
	RXBH-1724A13J	9.4/12.5	1/60	3-4.17	SINGLE	45.1/52.1	1.6	59/68	60/70
	RXBH-1724A13J	3.1/4.2	1/60	1-4.17	MULTIPLE CKT 1	15.0/17.4	1.6	21/24	25/25
		6.3/8.3	1/60	2-4.17	MULTIPLE CKT 2	30.1/34.7	0	38/44	40/45
	RXBH-1724A07C	5.4/7.2	3/60	3-2.4	SINGLE	15.0/17.3	1.6	21/24	25/25
	RXBH-1724A10C	7.2/9.6	3/60	3-3.2	SINGLE	20.0/23.1	1.6	27/31	30/35
	RXBH-1724A13C	9.4/12.5	3/60	3-4.17	SINGLE	26.1/30.1	1.6	35/40	35/40
(-)HML 3621	RXBH-1724?05J	3.6/4.8	1/60	1-4.8	SINGLE	17.3/20.0	3.8	27/30	30/30
	RXBH-1724?07J	5.4/7.2	1/60	2-3.6	SINGLE	26.0/30.0	3.8	38/43	40/45
	RXBH-1724?10J	7.2/9.6	1/60	2-4.8	SINGLE	34.6/40.0	3.8	48/55	50/60
	RXBH-1724A15J	10.8/14.4	1/60	3-4.8	SINGLE	51.9/60.0	3.8	70/80	70/80
	RXBH-1724A15J	3.6/4.8	1/60	1-4.8	MULTIPLE CKT 1	17.3/20.0	3.8	27/30	30/30
		7.2/9.6	1/60	2-4.8	MULTIPLE CKT 2	34.6/40.0	0.0	44/50	45/50
	RXBH-1724A18J	12.8/17.0	1/60	4-4.26	SINGLE	61.6-70.8	3.8	82/94	90/100
	RXBH-1724A18J	6.4/8.5	1/60	2-4.26	MULTIPLE CKT 1	30.8/35.4	3.8	44/49	45/50
		6.4/8.5	1/60	2-4.26	MULTIPLE CKT 2	30.8/35.4	0.0	39/45	40/45
	RXBH-1724A07C	5.4/7.2	3/60	3-2.4	SINGLE	15.0/17.3	3.8	24/27	25/30
	RXBH-1724A10C	7.2/9.6	3/60	3-3.2	SINGLE	20.0/23.1	3.8	30/34	30/35
	RXBH-1724A15C	10.8/14.4	3/60	3-4.8	SINGLE	30.0/34.6	3.8	43/48	45/50
	RXBH-1724A18C	12.8/17.0	3/60	3-2.84	SINGLE	35.6-41.0	3.8	50/56	50/60
	RXBH-1724B05J	3.6/4.8	1/60	1-4.8	SINGLE	17.3/20.0	3.8	27/30	30/30
	RXBH-1724B07J	5.4/7.2	1/60	2-3.6	SINGLE	26.0/30.0	3.8	38/43	40/45
	RXBH-1724B10J	7.2/9.6	1/60	2-4.8	SINGLE	34.6/40.0	3.8	48/55	60/60

• ? Heater Kit Connection Type A = Breaker B = Terminal Block C = Pullout Disconnect

① D Voltage = 480 Volts.

*Values only. No single point kit available.

NOTES:

- Electric heater BTUH - (heater watts + motor watts) x 3.414 (see airflow table for motor watts.)
- Supply circuit protective devices may be fuses or "HACR" type circuit breakers.
- If non-standard fuse size is specified, use next size larger standard fuse size.
- Largest motor load is included in single circuit or circuit 1 of multiple circuits.
- Heater loads are balanced on 3 phase models with 3 or 6 heaters only.
- No electrical heating elements are permitted to be used with A voltage (115V) air handler.

- J voltage (208/240V) single phase air handler is designed to be used with single or three phase 208/240V volt electric heaters. In the case of connecting 3 phase power to air handler terminal block without the heater, bring only two leads to terminal block, cap, insulate and fully secure the third lead.
- Do not use 480V electrical heaters on 208/240V air handlers.
- If the kit is listed under both single and multiple circuits, the kit is shipped from factory as multiple circuits. For single phase application, Jumper bar kit RXBJ-A21 and RXBJ-A31 can be used to convert multiple circuits to a single supply circuit. Refer to Accessory Section for details.

[] Designates Metric Conversions

Electrical Data – With Electric Heat

Installation of the U.L. Listed original equipment manufacturer provided heater kits listed in the following table is recommended for all auxiliary heating requirements.

Air Handler Model	Heater Model No.	Heater kW (208/240V) (480V)	Ph/Hz	No. Elements - kW Per	Type Supply Circuit Single Circuit Multiple Circuit	Circuit Amps.	Motor Ampacity	Minimum Circuit Ampacity	Maximum Circuit Protector
(-)HML 4824 6024	RXBH-1724?07J	5.4/7.2	1/60	2-3.6	SINGLE	26.0/30.0	4.6	39/44	40/45
	RXBH-1724?10J	7.2/9.6	1/60	2-4.8	SINGLE	34.6/40.0	4.6	49/56	50/60
	RXBH-1724A15J	10.8/14.4	1/60	3-4.8	SINGLE	51.9/60.0	4.6	71/81	80/90
	RXBH-1724A15J	3.6/4.8	1/60	1-4.8	MULTIPLE CKT 1	17.3/20.0	4.6	28/31	30/35
		7.2/9.6	1/60	2-4.8	MULTIPLE CKT 2	34.6/40.0	0	44/50	45/50
	RXBH-1724A18J	12.8/17	1/60	4-4.26	SINGLE	61.8/70.8	4.6	83/95	90/100
	RXBH-1724A18J	6.4/8.5	1/60	2-4.26	MULTIPLE CKT 1	30.8/35.4	4.6	45/50	45/50
		6.4/8.5	1/60	2-4.6	MULTIPLE CKT 2	30.8/35.4	0	39/45	40/45
	RXBH-24A20J	14.4/19.2	1/60	4-4.8	SINGLE	69.2/80	4.6	93/106	100/110
	RXBH-24A20J	7.2/9.6	1/60	2-4.8	MULTIPLE CKT 1	34.6/40.0	4.6	49/56	50/60
		7.2/9.6	1/60	2-4.8	MULTIPLE CKT 2	34.6/40.0	0	44/50	45/50
	RXBH-24A25J	18.0/24.0	1/60	6-4.0	SINGLE	86.4/99.9	4.6	114/131	125/150
	RXBH-24A25J	6.0/8.0	1/60	2-4.0	MULTIPLE CKT 1	28.8/33.3	4.6	42/48	45/50
		6.0/8.0	1/60	2-4.0	MULTIPLE CKT 2	28.8/33.3	0	36/42	40/45
		6.0/8.0	1/60	2-4.0	MULTIPLE CKT 3	28.8/33.3	0	36/42	40/45
	RXBH-24A30J (5-ton only)	21.6/28.8	1/60	6-4.8	SINGLE	103.8/120	4.6	136/156	150/175
	RXBH-24A30J (5-ton only)	7.2/9.6	1/60	2-4.8	MULTIPLE CKT 1	34.6/40.0	4.6	49/56	56/60
		7.2/9.6	1/60	2-4.8	MULTIPLE CKT 2	34.6/40.0	0	44/50	56/60
		7.2/9.6	1/60	2-4.8	MULTIPLE CKT 3	34.6/40.0	0	44/50	56/60
	RXBH-1724A07C	5.4/7.2	3/60	3-2.4	SINGLE	15.0/17.3	4.6	25/28	25/30
	RXBH-1724A10C	7.2/9.6	3/60	3-3.2	SINGLE	20.0/23.1	4.6	31/35	35/35
	RXBH-1724A15C	10.8/14.4	3/60	3-4.8	SINGLE	30.0/34.6	4.6	44/49	45/50
	RXBH-1724A18C	12.8/17.0	3/60	3-2.84	SINGLE	35.6-41.0	4.6	51/57	60/60
	RXBH-24A20C*	14.4/19.2	3/60	3-3.2	SINGLE	40.0-46.2	4.6	56/64	60/70
	RXBH-24A20C	7.2/9.6	3/60	3-3.2	MULTIPLE CKT 1	20.0/23.1	4.6	31/35	35/35
		7.2/9.6	3/60	3-3.2	MULTIPLE CKT 2	20.0/23.1	0	25/29	25/30
	RXBH-24A25C*	18.0/24.0	3/60	6-4.0	SINGLE	50.0/57.8	4.6	69/78	70/80
	RXBH-24A25C	9.0/12.0	3/60	3-4.0	MULTIPLE CKT 1	25.0/28.9	4.6	37/42	40/45
		9.0/12.0	3/60	3-4.0	MULTIPLE CKT 2	25.0/28.9	0	32/37	35/40
	RXBH-24A30C* (5-ton only)	21.6/28.8	3/60	6-4.8	SINGLE	60.0/69.4	4.6	81/93	90/100
	RXBH-24A30C (5-ton only)	10.8/14.4	3/60	3-4.8	MULTIPLE CKT 1	30.0/34.7	4.6	44/50	45/50
		10.8/14.4	3/60	3-4.8	MULTIPLE CKT 2	30.0/34.7	0	38/44	40/45

• ? Heater Kit Connection Type A = Breaker B = Terminal Block C = Pullout Disconnect

① D Voltage = 480 Volts.

*Values only. No single point kit available.

NOTES:

- Electric heater BTUH - (heater watts + motor watts) x 3.414 (see airflow table for motor watts.)
- Supply circuit protective devices may be fuses or "HACR" type circuit breakers.
- If non-standard fuse size is specified, use next size larger standard fuse size.
- Largest motor load is included in single circuit or circuit 1 of multiple circuits.
- Heater loads are balanced on 3 phase models with 3 or 6 heaters only.
- No electrical heating elements are permitted to be used with A voltage (115V) air handler.

- J voltage (208/240V) single phase air handler is designed to be used with single or three phase 208/240V volt electric heaters. In the case of connecting 3 phase power to air handler terminal block without the heater, bring only two leads to terminal block, cap, insulate and fully secure the third lead.
- Do not use 480V electrical heaters on 208/240V air handlers.
- If the kit is listed under both single and multiple circuits, the kit is shipped from factory as multiple circuits. For single phase application, Jumper bar kit RXBJ-A21 and RXBJ-A31 can be used to convert multiple circuits to a single supply circuit. Refer to Accessory Section for details.

[] Designates Metric Conversions

Electrical Wiring

Power Wiring

- Field wiring must comply with the National Electrical Code (C.E.C. in Canada) and any applicable local ordinance.
- Supply wiring must be 75°C minimum copper conductors only.
- See electrical data for product Ampacity rating and Circuit Protector requirement.

Accessories

• Combustible Floor Base RXHB-

Model Cabinet Size	Combustible Floor Base Model Number
17	RXHB-17
21	RXHB-21
24	RXHB-24

- Jumper Bar Kit 3 Ckt. to 1 Ckt. RXBJ-A31** is used to convert single phase multiple three circuit units to a single supply circuit. Kit includes cover and screw for line side terminals.
- Jumper Bar Kit 2 Ckt. to 1 Ckt. RXBJ-A21** is used to convert single phase multiple two circuit units to a single supply circuit. Kit includes cover and screw for line side terminals.
- Note:** No jumper bar kit is available to convert three phase multiple two circuit units to a single supply circuit.

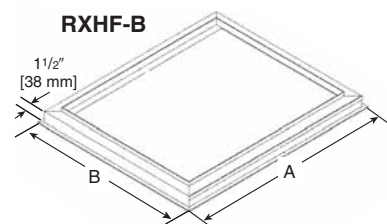
• Auxiliary Horizontal Overflow Pan Accessory RXBM-

Nominal Cooling Capacity-Tons	Auxiliary Horizontal Overflow Pan Accessory Model Number
1 1/2 - 3	RXBM-AC48
3 1/2 - 5	RXBM-AC61

• External Filter Rack RXHF-B17, B21, B24

Model Cabinet Size	Filter Size In. [mm]	Part Number*	A	B
17	16 x 20 [406 x 508]	RXHF-B17	16.90	20.77
21	20 x 20 [508 x 508]	RXHF-B21	20.40	20.77
24	25 x 20 [635 x 508]	RXHF-B24	25.00	21.04

*Accommodates 1" filter



Grounding

- This product must be sufficiently grounded in accordance with National Electrical Code (C.E.C. in Canada) and any applicable local ordinance.
- A grounding lug is provided.

• Auxiliary Electric Heater Kits RXBH-

Heater Kits include circuit breakers which meet UL and cUL requirements for service disconnect. See the Electric Heat Electrical Data in this specification sheet for specific Heater Kit Model numbers.

• Horizontal Adapter Kit RXHH-

This horizontal adapter kit is used to convert Upflow/Downflow only models to horizontal flow. See the following table to order proper horizontal adapter kit.

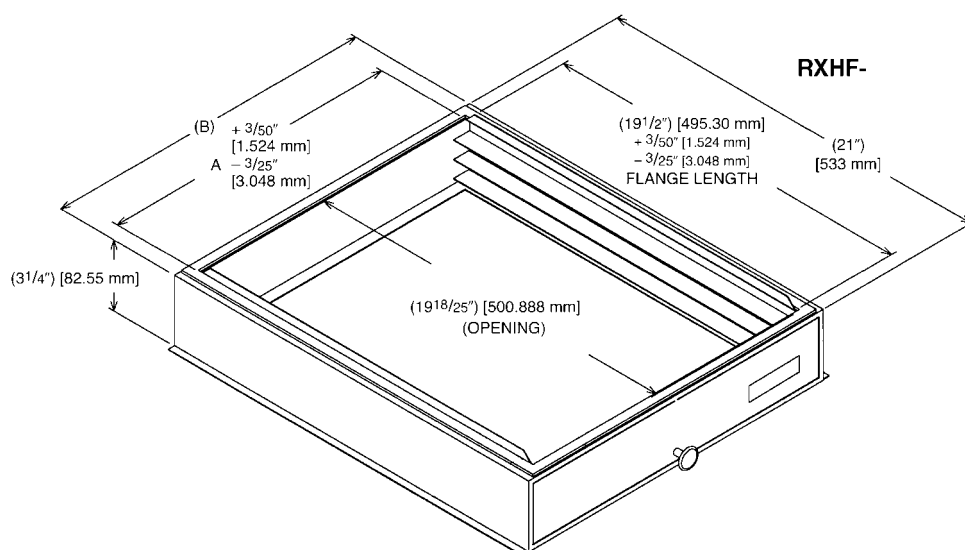
Coil Model	Horizontal Adapter Kit Model Number (Single Qty.)	Horizontal Adapter Kit Model Number (10-Pack Qty.)
2414	RXHH-A01	RXHH-A01 x 10
2417	RXHH-A02	RXHH-A02 x 10
3617/3621	RXHH-A03	RXHH-A03 x 10
3821/4821/4824	RXHH-A04	RXHH-A04 x 10
8024	RXHH-A05	RXHH-A05 x 10

• External Filter Base RXHF-

Model Cabinet Size	Filter Size In. [mm]	Part Number*	A	B
17	16 x 20 [406 x 508]	RXHF-17	15.70	17.5
21	20 x 20 [508 x 508]	RXHF-21	19.20	21.0
24	25 x 20 [635 x 508]	RXHF-24	22.70	25.5

*Accommodates 1" or 2" filter

[] Designates Metric Conversions



GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated, in accordance with the terms of the limited warranty.

Conditional Parts (Registration Required)Ten (10) Years

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**



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In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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