

AIR HANDLERS



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RHLL- High Efficiency

featuring Industry Standard
R-410A Refrigerant

R-410A

RHSL- Standard Efficiency

featuring Industry Standard
R-410A Refrigerant

R-410A

Features

- RHLA/RHLL feature GE's new X-13 (ECM) motor which provides enhanced SEER performance with most Rheem outdoor units.
- 1 $\frac{1}{2}$ ton [5.3 kW] through 5 ton [17.6 kW] models are between 42 $\frac{1}{2}$ to 55 $\frac{1}{2}$ 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.



RHSL Electrical Data – with Electric Heat (con't.)

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

Model	Heater Model No.	Heater kW (208/240V ①)	PH/Hz	No. Elements - kW Per	Circuit	Circuit Amps.	Motor Ampacity	Minimum Circuit Ampacity	Maximum Circuit Protection
RHSL 3621	RXBH-1724A05J	3.6/4.8	1/60	1 - 4.8	SINGLE	17.3/20.0	2.5	25/29	25/30
	RXBH-1724A07J	5.4/7.2	1/60	2 - 3.6	SINGLE	26.0/30.0	2.5	36/41	40/45
	RXBH-1724A10J	7.2/9.6	1/60	2 - 4.8	SINGLE	34.6/40.0	2.5	47/54	50/60
	RXBH-1724A15J	10.8/14.4	1/60	3-4.8	SINGLE	51.9/60.0	2.5	68/79	70/80
	RXBH-1724A15J	3.6/4.8	1/60	1 - 4.8	MULTIPLE CKT 1	17.3/20.0	2.5	25/29	25/30
		7.2/9.6	1/60	2 - 4.8	MULTIPLE CKT 2	34.6/40.0	0	44/50	45/50
	RXBH-1724A18J	12.8/17.0	1/60	4-4.26	SINGLE	61.6/70.8	2.5	81/92	90/100
	RXBH-1724A18J	6.4/8.5	1/60	2 - 4.26	MULTIPLE CKT 1	30.8/35.4	2.5	42/48	45/50
		6.4/8.5	1/60	2 - 4.26	MULTIPLE CKT 2	30.8/35.4	0	39/45	40/45
	RXBH-1724A07C	5.4/7.2	3/60	3 - 2.4	SINGLE	15.0/17.3	2.5	22/25	25/25
	RXBH-1724A10C	7.2/9.6	3/60	3 - 3.2	SINGLE	20.0/23.1	2.5	29/32	30/35
	RXBH-1724A15C	10.8/14.4	3/60	3 - 4.8	SINGLE	30.0/34.6	2.5	41/47	45/50
	RXBH-1724A18C	12.8/17.0	3/60	3-5.68	SINGLE	35.5/41.0	2.5	48/55	50/60
	RXBH-24A07D	7.2	3/60	2-3.6	SINGLE	8.7	1.4	13	15
	RXBH-24A10D	9.6	3/60	3 - 3.2	SINGLE	11.6	1.4	17	20
RXBH-24A15D	14.4	3/60	3 - 4.8	SINGLE	17.3	1.4	24	25	
RXBH-24A18D	17	3/60	3 - 5.68	SINGLE	20.4	1.4	28	30	
RHSL 4221 4821 4824	RXBH-1724A05J	3.6/4.8	1/60	1 - 4.8	SINGLE	17.3/20.0	5.2	29/32	30/35
	RXBH-1724A07J	5.4/7.2	1/60	2 - 3.6	SINGLE	26.0/30.0	5.2	39/44	40/45
	RXBH-1724A10J	7.2/9.6	1/60	2 - 4.8	SINGLE	34.6/40.0	5.2	50/57	50/60
	RXBH-1724A15J	10.8/14.4	1/60	3-4.8	SINGLE	51.9/60.0	5.2	72/82	80/90
	RXBH-1724A15J	3.6/4.8	1/60	1 - 4.8	MULTIPLE CKT 1	17.3/20.0	5.2	29/32	30/35
		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	1/60	4-4.26	SINGLE	61.6/70.8	5.2	84/95	90/100
	RXBH-1724A18J	6.4/8.5	1/60	2 - 4.26	MULTIPLE CKT 1	30.8/35.4	5.2	45/51	45/60
		6.4/8.5	1/60	2 - 4.26	MULTIPLE CKT 2	30.8/35.4	0.0	39/45	40/45
	RXBH-1724A20J	14.4/19.2	1/60	4-4.8	SINGLE	69.2/80	5.2	93/107	100/110
	RXBH-24A20J	7.2/9.6	1/60	2 - 4.8	MULTIPLE CKT 1	34.6/40.0	5.2	50/57	50/60
		7.2/9.6	1/60	2 - 4.8	MULTIPLE CKT 2	34.6/40.0	0.0	44/50	45/50
	RXBH-24A25J	18.0/24.0	1/60	6-4.0	SINGLE	86.4/99.9	5.2	115/132	125/150
	RXBH-24A25J (4-ton only)	6.0/8.0	1/60	2 - 4.0	MULTIPLE CKT 1	28.8/33.3	5.2	42/49	45/50
		6.0/8.0	1/60	2 - 4.0	MULTIPLE CKT 2	28.8/33.3	0.0	36/42	40/45
		6.0/8.0	1/60	2 - 4.0	MULTIPLE CKT 3	28.8/33.3	0.0	36/42	40/45
	RXBH-2417A07C	5.4/7.2	3/60	3 - 2.4	SINGLE	15.0/17.3	5.2	26/29	30/30
	RXBH-2417A10C	7.2/9.6	3/60	3 - 3.2	SINGLE	20.0/23.1	5.2	32/36	35/40
	RXBH-2417A15C	10.8/14.4	3/60	3 - 4.8	SINGLE	30.0/34.6	5.2	44/50	45/50
	RXBH-2417A18C	12.8/17.0	3/60	3-2.84	SINGLE	35.6/41.0	5.2	51/58	60/60
	RXBH-24A20C*	14.4/19.2	3/60	3-3.2	SINGLE	40.0/46.2	5.2	58/65	60/70
	RXBH-24A20C	7.2/9.6	3/60	3 - 3.2	MULTIPLE CKT 1	20.0/23.1	5.2	32/36	35/40
		7.2/9.6	3/60	3 - 3.2	MULTIPLE CKT 2	20.0/23.1	0.0	25/29	25/30
	RXBH-24A25C*	18.0/24.0	3/60	6-4.0	SINGLE	50.0/57.8	5.2	64/79	70/80
	RXBH-24A25C (4-ton only)	9.0/12.0	3/60	3 - 4.0	MULTIPLE CKT 1	25.0/28.9	5.2	38/43	40/45
		9.0/12.0	3/60	3 - 4.0	MULTIPLE CKT 2	25.0/28.9	0.0	32/37	35/40
	RXBH-24A07D	7.2	3/60	2-3.6	SINGLE	8.7	2.2	14	15
	RXBH-24A10D	9.6	3/60	3 - 3.2	SINGLE	11.6	2.2	18	20
	RXBH-24A15D	14.4	3/60	3 - 4.8	SINGLE	17.3	2.2	25	25
	RXBH-24A18D	17	3/60	3 - 5.68	SINGLE	20.4	2.2	29	30
RXBH-24A20D	19.2	3/60	6 - 3.2	SINGLE	23.2	2.2	32	35	
RXBH-24A25D (4-ton only)	24.0	3/60	6 - 4.0	SINGLE	28.8	2.2	39	40	

① This does not include "D Voltage". D Voltage = 480 Volts.

* Values only. No single point kit available.

- Supply circuit protective devices may be fused or "HACR" type circuit breakers.
- If non-standard fuse size is specified, use next size larger standard fuse size.
- 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.
- Largest motor load is included in single circuit or circuit 1 of multiple circuit.
- Heater loads are balanced on 3 PH. models with 3 or 6 heaters only.

- Electric heater BTUH - (heater watts + motor watts) x 3.414 (see airflow table for motor watts.)
- 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 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.
- Do not use 208/240V electrical heaters on 480V air handlers.