

Specifications

POWER CORD

Configuration



15 AMP 115V
PARALLEL
A



15 AMP 230V
TANDEM
B

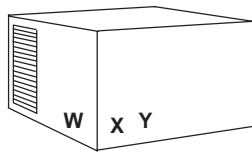


20 AMP 250V
TEE
C



30 AMP 230V
PARALLEL
D

Location



W—RD-51, RADS-51, RAD-61, CD and WA Series

X—RAD-81 through RAD-243, all RAH, RED, BD & BDE Series

Y—WYA Series

WARRANTY

All RAD, RED, BD and BDE, CD, WA series and PAD-71 room air conditioners are covered by a one-year full warranty on parts and labor. In addition, the sealed refrigeration system carries a 5-year warranty (parts only 2nd through 5th years). The fan motor is covered by a 2-year warranty on parts only. For warranty information, call:

800-332-6658

All WYA, RAH series and PAD-91/PAD-121 room air conditioners are covered by a one-year full warranty on parts and labor. In addition, the compressor is covered by a 5-year warranty (parts only 2nd through 5th years). For warranty information, call:

517-787-2100

Model	Cooling Capacity BTU/Hr	Approx. Sq. Ft. Cooling	E.E.R.	Heating Capacity BTUH (electric)	Electric (Volts)	Humidity Removal Pints/Hr	Ventilation Control
COMPACT-AIRE™							
RD-51	5,000	150	9.7	N/A	115	1.4	No
RADS-51*	5,400	150	10.7	N/A	115	1.4	No
RAD-61*	6,000	210	9.7	N/A	115	1.4	No
RAD-81*	8,000	350	9.8	N/A	115	2.0	No
RADS-81*	8,000	350	10.8	N/A	115	2.6	Yes
RAD-101*	10,000	490	9.8	N/A	115	3.3	Yes
RADS-101*	10,000	490	10.8	N/A	115	3.4	Yes
POWER-AIRE™							
RAD-121*	12,000	650	9.8	N/A	115	3.2	Yes
RAD-123*	12,000	650	9.8	N/A	230/208	3.1	Yes
RADS-151*	14,500	820	10.7	N/A	115	4.9	Yes
RAC-153	15,000	820	9.8	N/A	230/208	5.0	Yes
RADS-181*	17,300	1100	11.0	N/A	115	5.6	Yes
RAD-183*	18,000/17,500	1100	9.7	N/A	230/208	5.9	Yes
RAD-243*	24,000/23,500	1400	8.5	N/A	230/208	8.5	Yes
RAD-293*	28,500/27,700	1700	8.5	N/A	230/208	10.2	Yes
SUPER POWER-AIRE™							
WA-323	32,000/31,500	1850	8.5	N/A	230/208	10.0	Yes
WYA-363	36,600/35,900	2000	8.5	N/A	230/208	11.1	Yes
POWER-AIRE™ with ELECTRIC HEAT							
RED-81*	8,000	350	9.8	4,000	115	2.4	No
RED-123*	12,000/10,200	650	9.8	10,200/8,700	230/208	3.7	Yes
RED-183*	17,500/17,000	1100	9.7	16,000/13,400	230/208	5.9	Yes
RED-243*	24,000/23,500	1500	8.5	16,000/13,400	230/208	8.2	Yes
POWER-AIRE™ HEAT PUMPS							
RAH-123A	12,200/12,000	660	9.6	11,500/9,300	230/208	3.3	Yes
RAH-183A	17,600/17,300	1070	9.0	11,000/9,000	230/208	5.0	Yes
POWER-AIRE™ BUILDERS SERIES							
BD-81*	8,000	350	10.0	N/A	115	2.2	Yes
BD-101*	10,000	490	9.5	N/A	115	3.2	Yes
BD-123*	11,700/11,400	650	9.5	N/A	230/208	3.8	Yes
BDE-103	10,000/9,800	490	9.5	11,200/9,200	230/208	3.2	Yes
BDE-123	11,700/11,400	650	9.5	11,200/9,200	230/208	3.8	Yes
POWER-AIRE™ CASEMENT SERIES							
CD-81*	8,000	350	9.5	N/A	115	2.0	Yes
CD-101*	10,000	490	9.5	N/A	115	2.9	Yes
CD-121*	12,000	650	9.5	N/A	115	3.8	Yes
PORTABLE-AIRE™							
PAD-71	7,500	325	7.5	N/A	115	1.7	N/A
PAD-91*	9,000	400	8.2	N/A	115	2.3	N/A
PAD-121*	12,000	550	8.6	N/A	115	2.5	N/A

*Remote Control included

Model Number	Fan Only Speeds	Air Delivery Max. CFM	Fan Motor Speeds	Amps Cooling	Amps Heating	Fuse Size T.D.	Slide-Out Chassis	Window Mounting Kit (Standard)	Power Cord Plug	Ship Weight (lbs.)	++ Maximum Wall Thickness (in.)	Dimensions H x W x D (with base and front in inches)
COMPACT-AIRE™												
RD-51	2	160	2	5.0	N/A	125/15	No	Yes	A	52	5	12 ¹ / ₄ x 18 ⁵ / ₈ x 15 ¹ / ₈
RADS-51*	2	160	2	5.0	N/A	125/15	No	Yes	A	52	5	12 ¹ / ₄ x 18 ⁵ / ₈ x 15 ¹ / ₈
RAD-61*	2	160	2	5.6	N/A	125/15	No	Yes	A	52	5	12 ¹ / ₄ x 18 ⁵ / ₈ x 15 ¹ / ₈
RAD-81*	2	215	2	9.8	N/A	125/15	No	Yes	A	54	5	12 ¹ / ₄ x 18 ⁵ / ₈ x 15 ¹ / ₈
RADS-81*	3	260	3	7.0	N/A	125/15	No	Yes	A	79	5	12 ¹ / ₂ x 20 x 19 ⁷ / ₈
RAD-101*	3	260	3	9.0	N/A	125/15	No	Yes	A	80	5	12 ¹ / ₂ x 20 x 19 ⁷ / ₈
RADS-101*	3	255	3	9.0	N/A	125/15	Yes	Yes	A	95	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
POWER-AIRE™												
RAD-121*	3	262	3	11.0	N/A	125/15	Yes	Yes	A	95	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
RAD-123*	3	262	3	5.6	N/A	230/15	Yes	Yes	B	95	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
RAD-151*	3	280	3	12.0	N/A	125/15	Yes	Yes	A	110	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
RAC-153	3	280	3	7.6	N/A	230/20	Yes	Yes	B	130	5 ¹ / ₂	17 ¹ / ₄ x 26 ¹ / ₂ x 25 ³ / ₈
RADS-181*	3	525	3	12.0	N/A	125/15	Yes	Yes	A	130	5 ¹ / ₂	17 ¹ / ₄ x 26 ¹ / ₂ x 25 ³ / ₈
RAD-183*	3	325	3	8.5	N/A	230/15	Yes	Yes	B	110	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
RAD-243*	3	550	3	13.5/14.4	N/A	230/20	Yes	Yes	C	160	5 ¹ / ₂	17 ¹ / ₄ x 26 ¹ / ₂ x 25 ³ / ₈
RAD-293*	3	550	3	14.0	N/A	230/30	Yes	Yes	D	160	7	17 ¹ / ₄ x 26 ¹ / ₂ x 27 ⁵ / ₈
SUPER POWER-AIRE™												
WA-323	2	700	2	17.0	N/A	250/30	Yes	Rigid	D	234	8 ¹ / ₄	20 ⁵ / ₈ x 27 x 33 ¹ / ₂
WYA-363	2	800	2	18.0	N/A	250/30	Yes	Yes	D	290	17 ¹ / ₄	24 ¹ / ₂ x 29 ⁵ / ₈ x 36 ¹ / ₄
POWER-AIRE™ with ELECTRIC HEAT												
RED-81*	1	200	2	7.5	12.8	125/15	No	Yes	A	79	5	12 ¹ / ₂ x 20 x 19 ⁷ / ₈
RED-123*	3	262	3	5.6/6.2	13.4/12.3	230/20	Yes	Yes	C	95	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
RED-183*	3	325	3	7.9/8.5	22.2/20.3	230/20	Yes	Yes	C	110	5	15 x 23 ⁵ / ₈ x 21 ³ / ₄
RED-243*	3	575	3	13.5/14.4	22.8/20.9	250/30	Yes	Yes	D	160	5 ¹ / ₂	17 ¹ / ₄ x 26 ¹ / ₂ x 25 ³ / ₈
POWER-AIRE™ HEAT PUMPS												
RAH-123A	1	380	2	5.4/5.8	15.6/14.2	20	Yes	No	C	133	9 ³ / ₈	15 ⁷ / ₈ x 24 ⁷ / ₈ x 25 ¹ / ₂
RAH-183A	1	425	2	7.6/7.8	14.7/13.5	20	Yes	No	C	170	10	18 ⁵ / ₈ x 26 ³ / ₄ x 31 ¹ / ₄
POWER-AIRE™ BUILDERS SERIES												
BD-81*	3	230	3	7.5	N/A	125/15	TTW	Yes	A	79	15	14 ¹³ / ₃₂ x 24 ²¹ / ₃₂ x 19 ²¹ / ₃₂
BD-101*	3	275	3	9.8	N/A	125/15	TTW	Yes	A	86	15	14 ¹³ / ₃₂ x 24 ²¹ / ₃₂ x 19 ²¹ / ₃₂
BD-123*	3	290	3	5.8/6.2	N/A	230/15	TTW	Yes	B	87	15	14 ¹³ / ₃₂ x 24 ²¹ / ₃₂ x 19 ²¹ / ₃₂
BDE-103	1	275	2	4.7/5.2	14.0/15.3	230/20	TTW	Yes	C	87	15	14 ¹³ / ₃₂ x 24 ²¹ / ₃₂ x 19 ²¹ / ₃₂
BDE-123	1	290	2	5.8/6.2	14.0/15.3	230/20	TTW	Yes	C	87	15	14 ¹³ / ₃₂ x 24 ²¹ / ₃₂ x 19 ²¹ / ₃₂
POWER-AIRE™ CASEMENT SERIES												
CD-81*	3	265	3	7.8	N/A	125/15	No	Yes	A	83	7	20 ¹ / ₂ x 14 ¹ / ₂ x 23
CD-101*	3	290	3	9.6	N/A	125/15	No	Yes	A	93	7	20 ¹ / ₂ x 14 ¹ / ₂ x 23
CD-123*	3	290	3	11.5	N/A	125/15	No	Yes	A	95	7	20 ¹ / ₂ x 14 ¹ / ₂ x 23
PORTABLE-AIRE™												
PAD-71	Yes	170	2	7.5	N/A	125/15	No	Yes	A	84	N/A	33 x 17 x 17
PAD-91*	Yes	177	2	9.8	N/A	125/15	No	Yes	A	95	N/A	32.3 x 17.7 x 18.3
PAD-121*	Yes	177	2	12.0	N/A	125/15	No	Yes	A	97	N/A	32.3 x 17.7 x 18.3

** With window guides in place