

A photograph of a waterfall cascading over rocks in a lush forest. The water is white and frothy as it falls, surrounded by green foliage and trees. The scene is captured in a slightly blurred, artistic style.

FRESH

COOL

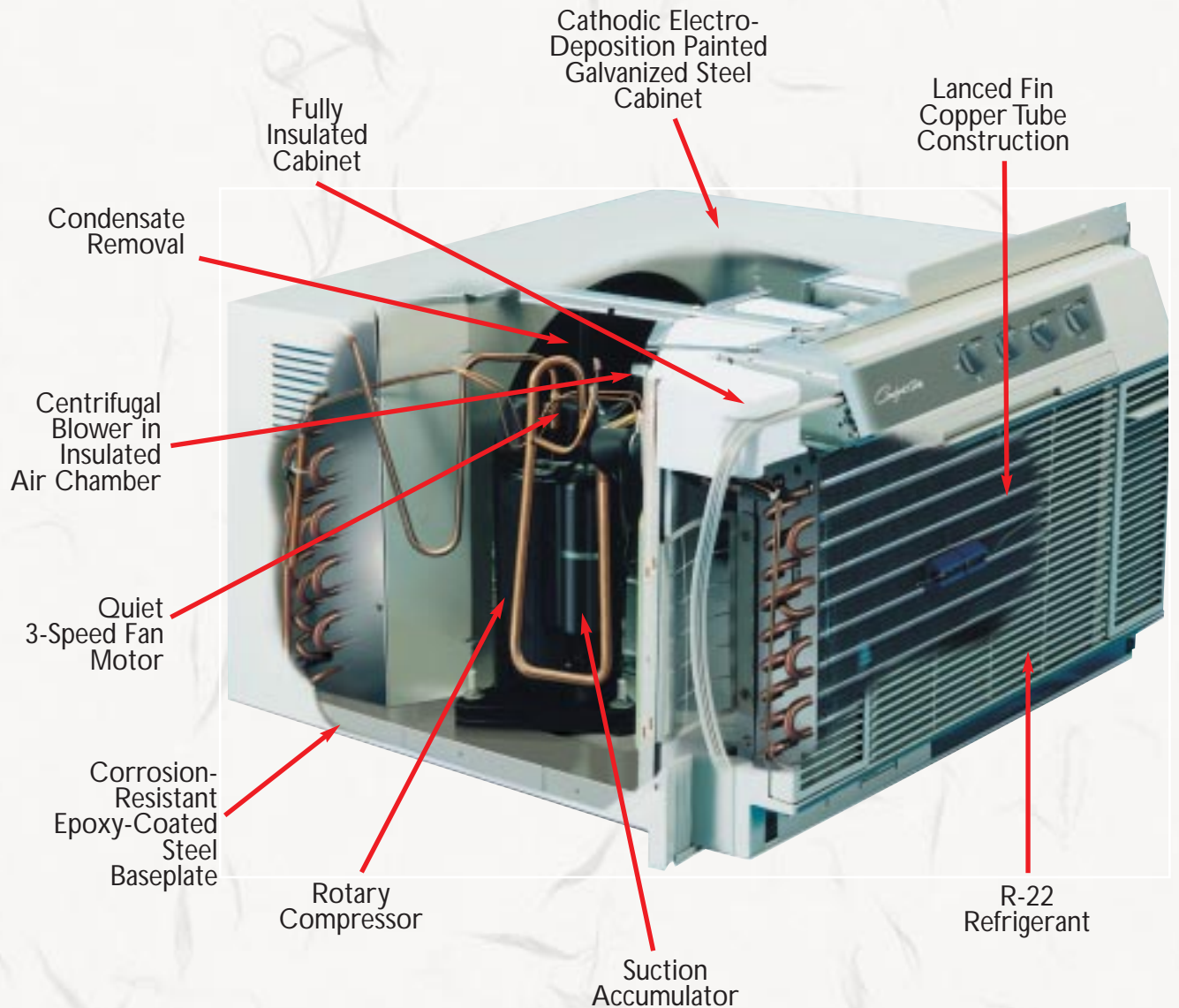
COMFORT

Comfort-Climate

Room Air Conditioners

Fresh, cool comfort

Note: unit shown for depiction purposes.
Features vary depending on model.



YOUR HOME OR BUSINESS CAN BE AS FRESH AND COOL AS THE AIR AFTER A SUMMER RAIN WITH COMFORT-AIRE® ROOM AIR CONDITIONERS, AS WELL AS DRY AND COMFORTABLE WITH COMFORT-AIRE DEHUMIDIFIERS. BUILT UP TO QUALITY, NOT DOWN TO PRICE, COMFORT-AIRE PRODUCTS

WILL PROVIDE YEARS OF DURABLE, RELIABLE PERFORMANCE.

YOU DESERVE TO LIVE AND WORK IN THE COMFORTABLE ENVIRONMENT YOU HAVE ALWAYS WANTED.

COMFORT-AIRE IS THE NATURAL CHOICE FOR FRESH, COOL COMFORT.



LIFT OUT FILTER

Easy to remove, front-mounted, lift out filter (on selected models) is a breeze to clean. All units have a filter designed to trap dust and other foreign particles, keeping the air cleaner.



METAL MOUNTED ADAPT-A-EASE SYSTEM

The Adapt-A-Ease System means clear sailing through the installation process. Select units have accordion-type side panels that expand up to 38 inches, providing a perfect fit in double-hung windows.



SLIDE-OUT CHASSIS

For easy installation and service (should it ever be required), the slide-out chassis eliminates the need to remove the unit from the window or wall. Fully insulated cabinet absorbs sound for quieter operation.



COMFORT-GRIP™ CHANNEL

The Comfort-Grip Channel (on selected models) provides a safe alternative for installation. Its ergonomic design allows easy lifting and finger protection.



POWER SAVER CONTROL

Power Saver is a unique feature (on selected models) that cycles the fan and compressor on-and off when not needed saving electricity and money!

LOW COST COOLING COMFORT

The Compact-Aire series is the room air conditioner that meets today's need for low cost operation. Designed with advanced engineering and a state-of-the-art rotary compressor, these units use less energy to operate. Low-cost cooling comfort in popular sizes, lighter and smaller than others, these units are easy to install and have greater portability.

Units include the Adapt-A-Ease System for easy installation in double-hung windows from 20" to 38" wide. Once the unit is in place, simply spread the sliding panels to the width of the window and close the window down onto the unit. The window may be fastened to the unit for security and safety.

All units feature dove white modern decorator styling front grilles with washable foam filters. In addition, all units have easy to use adjustable air deflectors and thermostat. All units feature the *Power Saver Control* except R-51.



- RA-51** ZINC STEEL CABINET, ADAPT-A-EASE SYSTEM, COMFORT-GRIP, 3-SPEED FAN, EXHAUST, FAN-ONLY SETTING, 1-STAGE THERMOSTAT, 5,000 BTU/HR, 115 VOLTS, 6.0 AMPS. E.E.R. 8.0
- RA-61** SAME FEATURES AS RA-51 PLUS POWER SAVER, 6,000 BTU/HR, 115 VOLTS, 6.2 AMPS. E.E.R. 8.7
- RA-81** SAME FEATURES AS RA-61, 8,000 BTU/HR, 115 VOLTS, 8.0 AMPS. E.E.R. 9.0
- RA-101** SAME FEATURES AS RA-61, 10,000 BTU/HR, 115 VOLTS, 10.4 AMPS. E.E.R. 9.0
- RA-121** SAME FEATURES AS RA-61, 12,000 BTU/HR, 115 VOLTS, 12.1 AMPS. E.E.R. 9.0
- RA-123A** SAME FEATURES AS RA-121 EXCEPT COMFOTR-GRIP 230 VOLTS.

HIGH EFFICIENCY AND STYLE

High-efficiency and style describe the Power-Aire series of room air conditioners. Because of advanced design and state-of-the-art rotary compressors, the efficiency of the series has been increased to reduce operating costs. Now cooling comfort costs less to maintain.

There is a wide selection of popular capacities ranging from 8,000 to 29,000 BTU/HR. Four models feature electric heat (see page 6) and two models have reverse cycle heat (heat pump - see page 7). The solid, zinc steel cabinets are finished with electro-coated, dipped enamel, and feature dove white. Controls are up-front and easy to reach.

All Power-Aire R models have a slide-out chassis and a front-mounted, slide-out filter for easy maintenance and service, if necessary. In addition, the R-141F thru the R-293F feature a wire grille condenser coil guard.



- R-141F** ZINC STEEL CABINET, SLIDE-OUT CHASSIS, 3-SPEED FAN, POWER SAVER, FRONT- MOUNTED SLIDE-OUT FILTER, 1-STAGE THERMOSTAT, SUCTION ACCUMULATOR, WINDOW MOUNTING KIT, FAN ONLY SETTING, 14,000 BTU/HR, 115 VOLTS, 12 AMPS. E.E.R. 10.2
- R-183F** SAME FEATURES AS R-141F. 18,000 BTU/HR, 230 VOLTS, 8.3 AMPS. E.E.R. 9.0
- R-253F** SAME FEATURES AS R-141F. 25,000 BTU/HR, 230 VOLTS, 13.5 AMPS. E.E.R. 8.7
- R-293F** SAME FEATURES AS R-141F. 29,000 BTU/HR, 230 VOLTS, 16.1 AMPS. E.E.R. 8.2

THE PERFECT CHOICE

The perfect choice for applications when heat may be needed regardless of outdoor temperature. These units provide cooling or heating at the turn of a dial. When the unit is set for HEAT, a thermostat cycles the heating element on and off to help maintain a constant room temperature. (Note: These units are designed only for supplemental electric heat.)

Like all Comfort-Aire room air conditioners, these Power-Aire models meet or exceed minimum EER requirements. Three fan speeds offer more cooling/heating control and quieter operation, further enhanced by the insulated plenum that absorbs sounds. Controls also offer a fan-only setting. These models are made of textured, galvanized steel and have a cathodic electro-deposition paint application for protection against

corrosion. These models feature the new Euro-Style design (except RE-253F) with front-mounted, pull-up removable filter, and slide-out chassis. In addition the RE-183A and RE-253F feature a wire grille condenser coil guard.



RE-81A TEXTURED STEEL CABINET, SLIDE-OUT CHASSIS, 12-WAY ADJUSTABLE AIR DEFLECTION, EURO-STYLE FRONT, FRONT-MOUNTED PULL-UP FILTER, SUCTION ACCUMULATOR, ADAPT-A-EASE SYSTEM, FAN-ONLY SETTING, EXHAUST, 1-STAGE THERMOSTAT, 3-SPEED FAN. 8,200 BTU/HR COOLING, 115 VOLTS, 4,000 BTU/HR ELECTRIC HEAT. E.E.R 9.5

RE-123A SAME FEATURES AS RE-81A. 12,000 BTU/HR, COOLING, 230 VOLTS, 10,500 BTU/HR ELECTRIC HEAT. E.E.R. 9.0

RE-183A SAME FEATURES AS RE-81A, EXCEPT WINDOW MOUNTING KIT INSTEAD OF ADAPT-A-EASE SYSTEM. 17,800 BTU/HR COOLING, 230 VOLTS, 15,000 BTU/HR ELECTRIC HEAT. E.E.R. 9.0

RE-253F SAME FEATURES AS RE-183A, EXCEPT DECORATOR FRONT. 25,000 BTU/HR COOLING, 230 VOLTS, 16,000 BTU/HR ELECTRIC HEAT. E.E.R. 8.6

HEAT FOR LESS

Comfort-Aire whole room heat pumps are ideal for adding comfort to room additions, apartments, or any room in the house. Installation can be either thru-the-wall or window mounted. Models have been designed to blend with room decor. All controls are up-front and easy to reach.

The slide-out chassis and cabinet are constructed of textured steel and finished with beige, electro-coated, dipped enamel. The cabinet serves as a mounting sleeve, eliminating the need to disturb the installation when servicing. Air flow is directed where it is needed through the adjustable, multi-directional air outlet grille. Unit changes over to supplemental electric heat automatically at 45 degrees F.



RH-123A TEXTURED STEEL CABINET, SLIDE-OUT CHASSIS, EURO-STYLE FRONT, ADAPT-A-EASE SYSTEM, EXHAUST, FAN-ONLY SETTING, 1-STAGE THERMOSTAT, SUCTION ACCUMULATOR, 3-SPEED FAN, ADJUSTABLE AIR DEFLECTION. 12,000 BTU/HR COOLING, 230 VOLTS, 10,200 BTU/HR HEATING, 230 VOLTS, 10,500 BTU/HR BACK-UP RESISTANCE HEAT, 230 VOLTS. E.E.R. 8.5/C.O.P. 2.5

RH-203A SAME FEATURES AS RH-123A, EXCEPT WINDOW MOUNTING KIT INSTEAD OF ADAPT-A-EASE SYSTEM AND DOVE WHITE DECORATOR FRONT. 19,500 BTU/HR COOLING, 230 VOLTS, 14,500 BTU/HR HEATING, 230 VOLTS, 10,500 BTU/HR BACK-UP RESISTANCE HEAT, 230 VOLTS. E.E.R. 8.5/C.O.P. 2.5

THE WORKHORSE

At three tons of cooling, the Super Power-Aire is the highest capacity room air conditioner available. Whether window-mounted or thru-the-wall or transom-mounted, it is equally suited for home, commercial, or industrial use. Like the Power-Aire series, the Super Power-Aire series offers cooling comfort that costs less to maintain. The Super Power-Aire offers cooling capacities ranging from 30,000 to 36,000 BTU/HR.

The optional RT-30 remote thermostat allows the thermostat to be placed in a more accessible location.



WY-363 SAME FEATURES AS WY-303. 36,000 BTU/HR, 230 VOLT, 20.3 AMPS, 35,400 BTU/HR, 208 VOLT, 22.3 AMPS. E.E.R. 8.2

RT-30 REMOTE THERMOSTAT (OPTION)

THE SLIDING SOLUTION

Comfort-Aire Casement units fit windows starting at 15½" wide and 21" high. They are designed to fit horizontal sliding or casement windows. They have 3 cooling and 2 fan speeds with 4-way adjustable air directors, and quick access filter for easy cleaning. In addition, units feature a rear grille to protect condenser coil.

CS-81 ENAMEL COATED STEEL CABINET, 3-SPEED FAN, EXHAUST FAN ONLY SETTING, 4-WAY AIR DIRECTION, 7,500 BTU/HR, 115 VOLTS, 7.5 AMPS. E.E.R. 8.5

CS-101 SAME AS CS-81 EXCEPT 10,000 BTU/HR, 10.5 AMPS. E.E.R. 8.2



THRU-THE-WALL FLEXIBILITY

The newest addition to the Comfort-Aire line is the Power-Aire Builder Series. Like all Comfort-Aire room air conditioners, they feature state-of-the-art rotary compressors designed to provide efficient and cost-saving operation all year round. They are truly thru-the-wall units especially designed for the heavy-duty requirements found in commercial applications. They are versatile enough for home, commercial, or industrial use. The standard mounting frame allows the Power-Aire-Builder Series to adapt to virtually any competitor's existing wall sleeve.

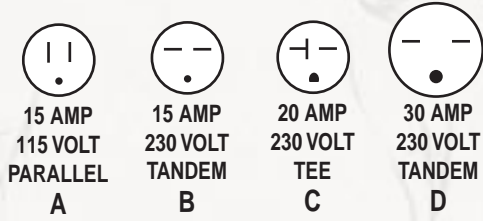
Their solid steel construction, corrosion-resistant paint, and attractive styling will provide years of durable service. In addition, the Builder models feature accessory items like window mounting kit, decorator rear grille, and separate wall sleeve.

Builders, architects, and installing dealers will appreciate its flexibility as a replacement unit, or in new construction. Two models are available in cooling only and two models available in cooling & electric heat.



- B-71A ENAMEL COATED STEEL CABINET, 2-SPEED FAN, EXHAUST, FAN-ONLY SETTING, 4-WAY AIR DIRECTION, CAMEO WHITE FRONT, THERMOSTAT. 7,000 BTU/HR, 115 VOLTS, 8.4 AMPS. E.E.R. 8.5.**
- B-113 SAME AS B-71A EXCEPT WITH SUCTION ACCUMULATOR AND SLIDE-OUT CHASSIS. 10,700 BTU/HR, 230 VOLTS, WOODGRAIN FRONT, 5.7 AMPS. E.E.R. 8.5.**
- BE-103 ENAMEL COATED, GALVINIZED STEEL CABINET, 2-SPEED FAN, EXHAUST, FAN ONLY SETTING. 10,000 BTU/HR, COOLING 230 VOLTS, 6.2 AMPS, 9,800 AUT/HR HEATING, 230 VOLTS, 14.0 AMPS, E.E.R. 8.5.**
- BE-123 SAME AS BE-103 EXCEPT 11,500 BTU/HR, COOLING 230 VOLTS, 6.5 AMPS, E.E.R. 8.5.**

Comfort-Aire Specifications



DEPTH
(FROM POWER CORD TO LOUVER)

- RA-51 & RA-61 5"
- RA-81—RA-123A 8"
- R-141F—R-293F, RE-183A,
RE-253F, RH-203F 10"
- WY Series 17 1/4"
- RE-81A, RE-123A,
RH-123A 9"
- CS Series 5 1/2"



Power Cord Location
(W) RA-51 & RA-61 & CS Series
(X) RA-81 thru R-293F, all RH,
RE, B & BE Series
(Y) WY Series



Model	Cooling Capacities BTU/HR	Approx. Sq. Ft. Cooling	E.E.R.	Heating Capacities BTU/HR (Electric)	Heating Capacities BTU/HR (Heat Pump)	Electric Volts	Humidity Removal PTS/hr.
COMPACT-AIRE™							
RA-51	5,000	150	8.0			115	1.2
RA-61	6,000	210	8.7			115	1.8
RA-81	8,000	350	9.0			115	2.3
LARGE COMPACT-AIRE™							
RA-101	10,000	490	9.0			115	3.0
RA-121	12,000	640	9.0			115	3.8
RA-123A	12,000	640	9.0			230/208	3.8
POWER-AIRE™							
R-141F	14,000	820	10.2			115	4.0
R-183F	18,000/17,200	1090	9.0/9.0			230/208	5.0
R-253	25,000/24,500	1580	8.7/8.6			230/208	7.6
R-293F	29,000/28,500	1900	8.2/8.2			230/208	10.0
SUPER POWER-AIRE™							
WY-363	36,000/35,400	2450	8.2			230/208	11.0
POWER-AIRE™ WITH ELECTRIC HEAT							
RE-81A	8,200	350	9.5	4,000		115	1.9
RE-123A	12,000/11,700	630	9.0/9.0	10,500/9,000		230/208	3.6
RE-183A	17,800/17,000	1090	9.0/9.0	15,000/12,000		230/208	4.2
RE-253F	25,000/24,500	1580	8.6/8.5	16,000/13,000		230/208	8.0
WHOLE ROOM HEAT PUMPS							
RH-123A	12,000/11,700	640	8.5/8.5	10,500/9,000	10,200/9,900	230/208	3.4
RH-203F	19,500/19,250	1200	8.5/8.5	10,500/8,500	14,500/14,000	230/208	6.0
POWER-AIRE™ BUILDER SERIES							
B-71A	7,000	300	8.5			115	1.6
B-113	10,700/10,600	525	8.5/8.5			230/208	3.0
BE-103	10,000	490	8.5	9,800		230/208	2.5
BE-123	11,500	525	8.5	11,200		230/208	3.1
POWER-AIRE™ CASEMENT SERIES							
CS-81	7,500	325	8.5			115	2.5
CS-101	10,000	490	9.0			115	3.1

*Note: Width dimension includes 1/2" on each side for louvers—Deduct 1 inch for cabinet width without louvers.

Ventilation Control	Power Saver	Fan Only	Air Delivery CFM	Fan Motor Speed	Amps Cooling	Amps Heating	Fuse Size T.D.	Slide-Out Chassis	Window Mounting Kit (Standard)	Condensate Drain	Power Cord Plug	Ship Weight	Max. Wall Thickness (in inches)	H x W x D (With base & front in inches)	Warranty	In-Home Service
COMPACT-AIRE™																
Exhaust	No	Yes	195/176/158	3	6.0		15	No	Yes	No	A	52		13 x 18½ x 15	A	Yes
Exhaust	Yes	Yes	163/150/140	3	6.2		15	No	Yes	No	A	52		13 x 18½ x 15	A	Yes
Exhaust	Yes	Yes	569/523/441	3	8.0		15	No	Yes	No	A	90		14¾ x 21⅞ x 23	A	Yes
LARGE COMPACT-AIRE™																
Exhaust	Yes	Yes	569/523/441	3	10.4		15	No	Yes	No	A	90		14¾ x 21⅞ x 23	A	Yes
Exhaust	Yes	Yes	569/523/441	3	12.1		15	No	Yes	No	A	90		14¾ x 21⅞ x 23	A	Yes
Exhaust	Yes	Yes	569/523/441	3	?		15	Yes	Yes	No	B	100	10	15¼ x 22½ x 23	A	Yes
POWER-AIRE™																
Exhaust	Yes	Yes	387/343/297	3	12.0		15	Yes	Yes	Yes	A	145	10	19 x 26¾* x 28½	A	Yes
Exhaust	Yes	Yes	475/430/248	3	8.3/9.1		15	Yes	Yes	Yes	B	141	10	19 x 26¾* x 28½	A	Yes
Exhaust	Yes	Yes	700/635/545	3	13.5/14.6		20	Yes	Yes	Yes	C	173	10	19 x 26¾* x 28½	A	Yes
Exhaust	Yes	Yes	750/650/550	3	16.1/17.5		20	Yes	Yes	Yes	C	193	10	19 x 26¾* x 28½	A	Yes
SUPER POWER-AIRE™																
Exhaust	No	Yes	750/650	2	19.5/20.6		30	Yes	No	No	D	290	17¼	22 x 27⅞ x 36	C	C
POWER-AIRE™ WITH ELECTRIC HEAT																
Exhaust	No	Yes	259/233/215	3	8.0	12.0	15	Yes	Yes	Yes	A	94	8½	15¹¹⁄₁₆ x 25¼ x 25⅞	A	Yes
Exhaust	No	Yes	280/228/203	3	5.7/6.2	16.0/14.9	20	Yes	Yes	Yes	C	112	8½	15¹¹⁄₁₆ x 25¼ x 25⅞	A	Yes
Exhaust	No	Yes	696/600/517	3	8.9/9.7	21.2/19.6	30	Yes	Yes	Yes	D	139	10	19 x 26¾* x 28½	A	Yes
Exhaust	No	Yes	700/635/545	3	13.6/15	23.0/21.2	30	Yes	Yes	Yes	D	200	10	19 x 26¾* x 28½	A	Yes
WHOLE ROOM HEAT PUMPS																
Exhaust	No	Yes	377/349/290	3	6.0/6.6	16.0/14.9	20	Yes	Yes	Yes	C	112	8½	15¹¹⁄₁₆ x 25¼ x 25⅞	A	Yes
Exhaust	No	Yes	530/500/430	3	10.0/10.8	14.7/13.5	20	Yes	Yes	Yes	C	170	10	19 x 26¾* x 28½	A	Yes
POWER-AIRE™ BUILDER SERIES																
Exhaust	No	Yes	220/180	2	8.4		15	No	No	No	A	78	15	14¼ x 25 x 18½	B	No
Exhaust	No	Yes	310/260	2	5.7/6.0		20	Yes	No	No	C	109	20	14¾ x 24 x 23⅞	B	No
Exhaust	No	Yes	300/260	2	6.2/6.5	14.0/12.5	20	No	No	No	C	96	15	14½ x 25 x 18½	B	No
Exhaust	No	Yes	320/280	2	6.5/6.9	14.0/12.5	20	No	No	No	C	100	15	14½ x 25 x 18½	B	No
POWER-AIRE™ CASEMENT SERIES																
Exhaust	No	Yes	210/180	3	7.5		15	No	No	No	A	85	6¼	20½ x 14½ x 22⅞	B	No
Exhaust	No	Yes	260/210	3	10.5		15	No	No	No	A	100	6¼	20½ x 14½ x 22⅞	B	No

THANK YOU FOR
RECOMMENDING
AND BUYING
COMFORT-AIRE
PRODUCTS FROM
HEAT CONTROLLER.

WE'RE LOOKING
FORWARD TO
SERVING YOU AGAIN
IN THE VERY NEAR
FUTURE.

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THE QUALITY LEADER IN CONDITIONING AIR

Specifications and performance data
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