

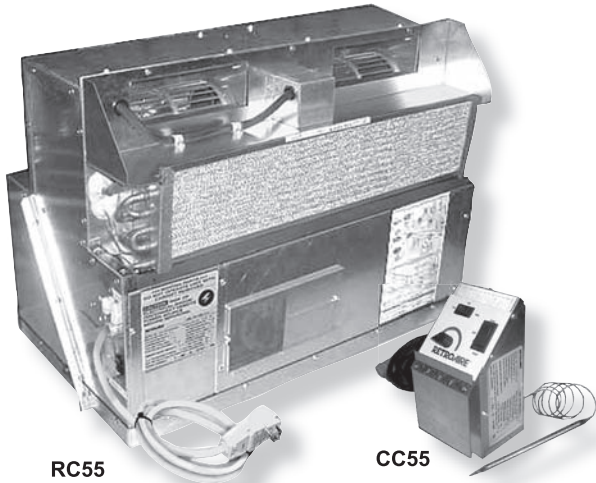
RETROAIRE

The Right Fit for Comfort

RC55 REPLACEMENT CHASSIS

P/N# 240004405, Rev. 1.3 [8/05]

REPLACEMENT CHASSIS FOR REMINGTON EB



RC55

CC55

STRAIGHT COOL ONLY

Nominal Capacities: 9,000 - 12,000 Btuh

PRODUCT DESCRIPTION

The RetroAire RC55 replacement chassis is a conditioner designed to allow owners of Remington units to upgrade the performance of their room conditioning and achieve higher system efficiencies.

With energy efficiency ratings as high as 9.0, replacement of worn out and inefficient units becomes a very attractive option.

The RetroAire RC55 cooling chassis with the evaporator blower section can be mated with existing electric or hydronic heat sections, or replacement heat sections may be ordered as options. The control box is standard with the chassis.

Whisper quiet operation improves room ambiance and a permanent filter makes service a snap. The 20 gauge, galvanized steel construction of the chassis ensures long service life.

All RetroAire products are backed by Enviromaster International LLC and are tested and rated in accordance with ARI standards 310, 380, and UL484.

▲ Air Systems

- Fans are forward-curved type, directly mounted to the motor shafts.
- Motors are PSC type with overheat protection.
- Airstream surfaces are insulated with ¼" fiberglass.
- Filter is permanent, and accessible without tools.

▲ **High Efficiency Heat Exchanger** – Coil is seamless, rifled copper tubing, arranged in staggered configuration, with enhanced aluminum fins, tested to 460 psig. The tubes are mechanically expanded for secure bonding to fin shoulders.

▲ Refrigeration Circuit:

- High efficiency, reciprocating compressor with a five year warranty standard.
- Automatic expansion valve refrigerant metering for low ambient protection, allows cooling down to 35° F.

▲ Factory Installed or Supplied Controls & Components:

- Unit mounted operating controls: rotary thermostat, fan speed control, feat/cool switch when applicable
- Baffle kit
- Weather strip insulation
- Foam strips for supply air duct
- Manual fresh air damper
- Fan cycle switch (unit mount only)

▲ Optional Accessories:

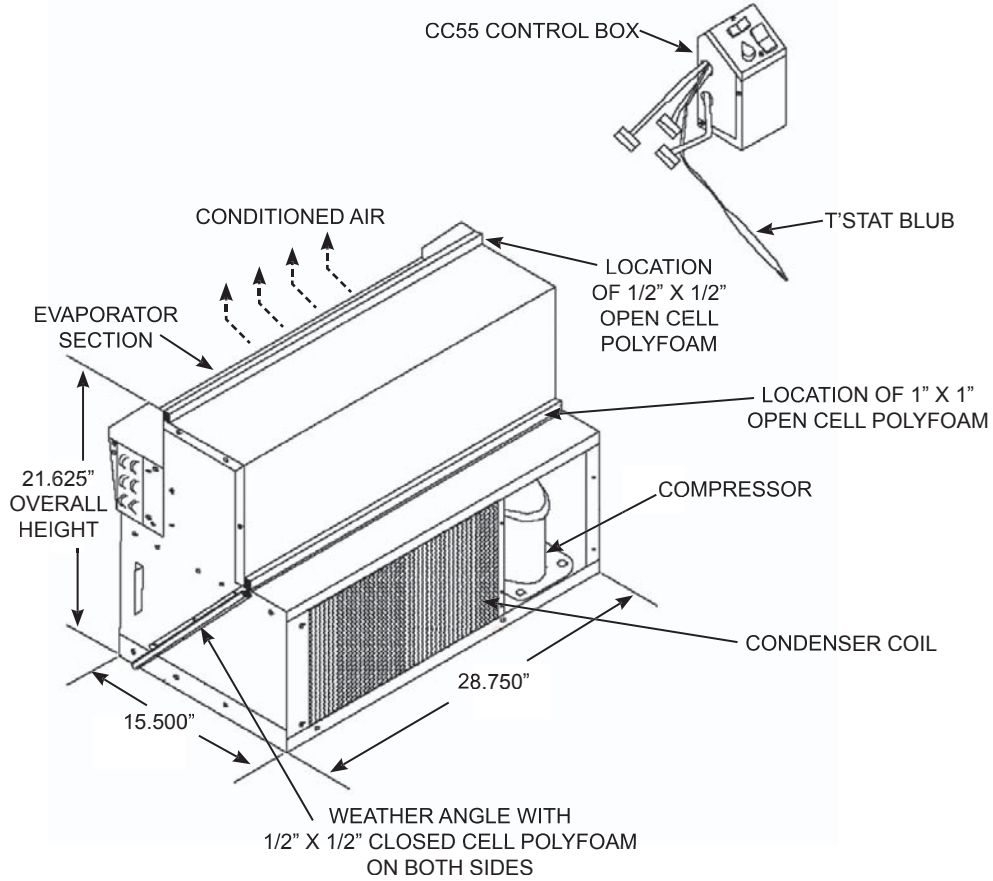
- Remote thermostat
- 3 kw electric heat
- Consult factory for 1 or 2 row hydronic heat (field installed)
- 2 or 3-way water valve (field installed)
- Sea coast coated coils and drain pans

PERFORMANCE DATA

UNIT SIZE	COOLING		EVAPORATOR CFM HI/LO	FRESH AIR CFM
	BTUH	EER		
9	9,200	9.0	385/335	40/35
12	11,100	8.8	385/335	40/35

RC55 DIMENSIONS AND SPECIFICATIONS

NOTE: Due to ongoing development programs, design and specifications may change without notice.



ELECTRICAL SPECIFICATIONS												
UNIT SIZE	VOLTS/HZ/PHASE	COND FAN		COMPRESSOR		EVAP FAN		TOTAL AMPS	MIN VOLT	MCA	FUSE	LINE CORD
		AMPS	HP	RLA	LRA	AMPS	HP					
9	208/230/60/1	1.1	0.15	3.8	20.0	0.6	0.08	5.5	197	6.5	15	6-15P
12	208/230/60/1	1.1	0.15	4.8	26.3	0.6	0.08	6.5	197	7.7	15	6-15P

OPTIONAL ELECTRIC HEAT SPECIFICATIONS								
HEATER NO.	VOLTAGE	WATTS	BTUH	AMPS	TOTAL	MCA	FUSE	LINE CORD
3	208	2454	8400	11.80	12.4	15.3	20	6-20P
	230	3000	10,300	13.04	13.6	16.9	20	6-20P

NEMA Specifications Non-Locking/Receptacles			
Voltage	250V		
	15(A)	20(A)	30(A)
Plug			
	6-15 P	6-20 P	6-30 P
Receptacle			
	6-15 R	6-20 R	6-30 R



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