

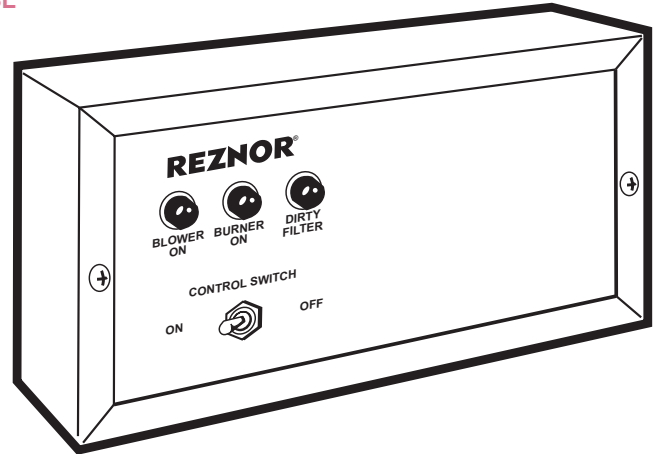
REMOTE CONSOLE

OPTIONAL ON INDIRECT FIRED PACKAGED HEATING/MAKEUP AIR SYSTEMS

Applies to Models SCE, SSCBL and PGBL

STANDARD FEATURES

- 16 Gauge steel box
- Wiring terminal blocks
- Engraved plastic cover
- Stainless steel mounting ring
- Designed for either recessed or wall mounting

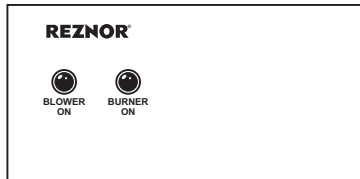


DESCRIPTION

A Reznor remote console is designed to allow remote control of the system as well as provide indicator safety lights. The console is comprised of a 16-gauge steel box with knockouts for field wiring, wiring terminal blocks suited to components, and a custom engraved plastic cover. The engraved lettering on the cover indicates the function and position of the switch and the message of the indicator light. The box may be either recessed or wall mounted. A mounting ring is included for wall mounting. In place of the standard plastic cover, an optional stainless steel cover is available (requires extended lead time).

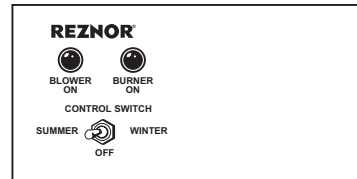
The remote console option is available with twelve pre-selected combinations of factory-installed switches, indicator lights and controls. The available combinations of components are illustrated below. Each of the consoles may be ordered with one additional factory-mounted control. Controls available are a one- or two-stage heating thermostat, a one- two-stage heating/cooling thermostat, or a Maxitrol Temperature Selector. If the installation requires any components or component combinations that are not available with Options RC1-12, it is necessary to specify a custom-built remote console (see Remote Console Section).

Option RC1



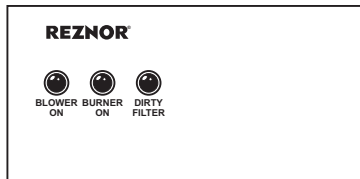
- Lights**
- Blower On
 - Burner On

Option RC5



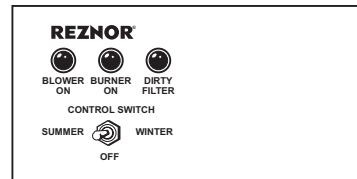
- Lights**
- Blower On
 - Burner On
- Switch**
- Summer/Off/Winter

Option RC2



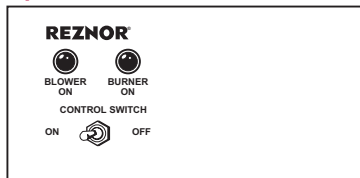
- Lights**
- Blower On
 - Burner On
 - Dirty Filter

Option RC6



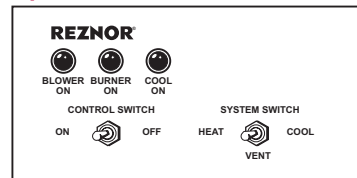
- Lights**
- Blower On
 - Burner On
 - Dirty Filter
- Switch**
- Summer/Off/Winter

Option RC3



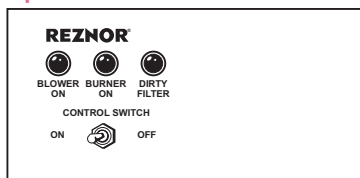
- Lights**
- Blower On
 - Burner On
- Switch**
- On/Off

Option RC7



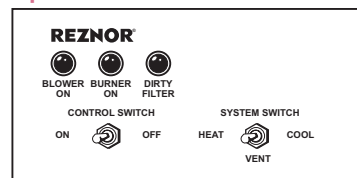
- Lights**
- Blower On
 - Burner On
 - Cool On
- Switch**
- On/Off
 - Heat/Vent/Cool

Option RC4



- Lights**
- Blower On
 - Burner On
 - Dirty Filter
- Switch**
- On/Off

Option RC8



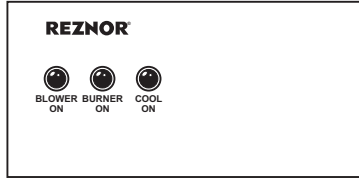
- Lights**
- Blower On
 - Burner On
 - Dirty Filter
- Switch**
- On/Off
 - Heat/Vent/Cool



REMOTE CONSOLE

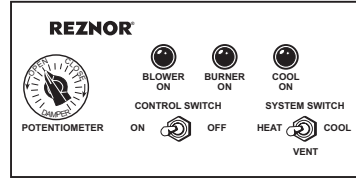
OPTIONAL ON INDIRECT FIRED PACKAGED HEATING/MAKEUP AIR SYSTEMS (cont'd)

Option RC9



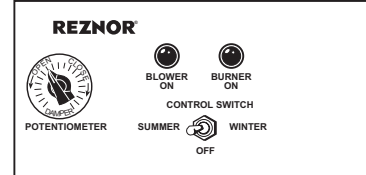
- Lights**
- Blower On
 - Burner On
 - Cool On

Option RC11



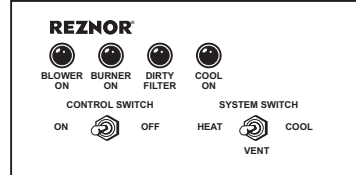
- Lights**
- Blower On
 - Burner On
 - Cool On
- Switch**
- On/Off
 - Heat/Vent/Cool
- Control**
- Potentiometer*

Option RC10



- Lights**
- Blower On
 - Burner On
- Switch**
- Summer/Off/Winter
- Control**
- Potentiometer*

Option RC12



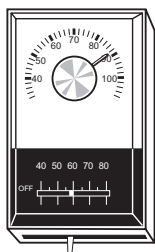
- Lights**
- Blower On
 - Burner On
 - Dirty Filter
 - Cool On
- Switch**
- On/Off
 - Heat/Vent/Cool

* Must order Damper Arrangement Option AR18 to get a remote potentiometer (see Air Control System section).

NOTE: To coordinate option selection, see Air Control System section for damper arrangement options and Gas Control Options section for gas control selection.

Remote Console Components	Function	Included Options											
		RC1	RC2	RC3	RC4	RC5	RC6	RC7	RC8	RC9	RC10	RC11	RC12
Blower On Indicator Light	Lights when blower is operating	X	X	X	X	X	X	X	X	X	X	X	X
Burner On Indicator Light	Lights when burners are lit	X	X	X	X	X	X	X	X	X	X	X	X
Dirty Filter Indicator Light	Lights when the pressure switch indicates that filters need to be cleaned or replaced	N/A	X	N/A	X	N/A	X	N/A	X	N/A	N/A	N/A	X
On/Off Control Switch	"On" position energizes the unit for thermostat control "Off" position de-energizes the unit and closes optional automatically controlled outside air dampers	N/A	N/A	X	X	N/A	N/A	X	X	N/A	N/A	X	X
Summer/Winter/Off Control Switch	"Summer" position operates the blower only "Winter" position energizes the unit for thermostat control "Off" position de-energizes the unit and closes optional automatically controlled outside air dampers	N/A	N/A	N/A	N/A	X	X	N/A	N/A	N/A	X	N/A	N/A
Heat/Vent/Cool System Switch	"Heat" position energizes the unit for thermostat control. "Vent" position operates the blower and opens automatically controlled outside air dampers "Cool" position energizes the blower, the dampers and cooling unit	N/A	N/A	N/A	N/A	N/A	N/A	X	X	N/A	N/A	X	X
Cooling Indicator Light	Lights when cooling system is operating	N/A	N/A	N/A	N/A	N/A	N/A	X	N/A	X	N/A	X	X

1-Stage Heating Thermostat (Options RCT1)

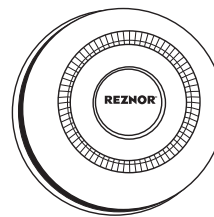


40-80°F Range,
30 V.A.C Maximum,
.15 to 1.0 Amps
Adjustable Anticipator

(Cross reference: Same thermostat as Option CL1, P/N 91919)

Use with Remote Consoles RC1-12

1-Stage Heating/Cooling Thermostat (Options RCT3)

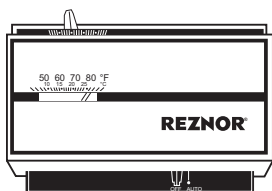


40-90°F Range, 30 V.A.C. Maximum, .1 to 1.2 Amps, Adjustable Anticipator

(Cross reference: Same thermostat as P/N 39581 with sub-base P/N 103352)

Use with Remote Consoles RC1, 2, 9

2-Stage Heating Thermostat (Options RCT2)

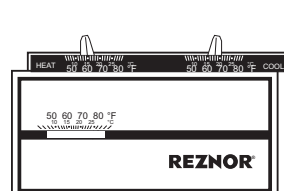


40-90°F Range,
30 V.A.C. Maximum,
.1 to 1.2 Amps,
Adjustable Anticipator,
Sub-base with Off/Auto System Switch

(Cross reference: Same thermostat as Option CL7, P/N 93435)

Use with Remote Consoles RC1-12

2-Stage Heating/Cooling Thermostat (Options RCT4)



40-90°F Range, 30 V.A.C. Maximum, .1 to 1.2 Amps, Adjustable Anticipator, Sub-base with Auto/On Fan Switch and Off/Heat/Auto/Cool System Switch

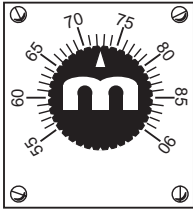
(Cross reference: Same thermostat as Option CL 11, P/N 93437)

Use with Remote Consoles RC1, 2, 9

REMOTE CONSOLE

OPTIONAL ON INDIRECT FIRED PACKAGED HEATING/MAKEUP AIR SYSTEMS (cont'd)

Maxitrol Temperature Selector (Option RCM)



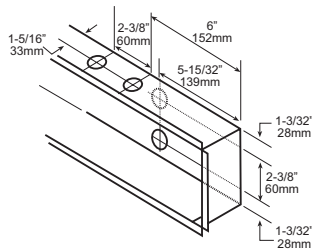
To set the duct temperature for units equipped with Maxitrol electronic modulating gas control system. (Temperature Selector is part of Option AG9. Order Options RCM to have selector mounted on the remote console.)
(Cross reference: P/N 48042)

Use with Remote Consoles RC1-12

Console Option	Minimum No. of Wires	Console Option	Minimum No. of Wires
RC1	3	RC10	7-9
RC2	4	RC11	9-10
RC3	5-6	RC12	8
RC4	6-7	1-Stage Heating Thermostat	+2
RC5	5-6	2-Stage Heating Thermostat	+3
RC6	6-7	1-Stage Heating/Cooling Thermostat	+4
RC7	7	2-Stage Heating/Cooling Thermostat	+5
RC8	8	Maxitrol Temperature Selector	+2
RC9	4		

CAUTION: The minimum number of wires listed should be used only as a guideline. Do NOT use for actual wiring. The required number of wires varies depending upon the circuit and the function of the switch and can only be accurately determined from the wiring diagram designed for the specific installation.

Location of Knockout Holes - dimensions to Center Line of all holes



	Dimensions		Length		Height		Depth	
	in.	mm	in.	mm	in.	mm	in.	mm
Wall Mounted - Remote Console with wall mounting ring								
Consoles RC1-RC10, RC12 without an optional control	10 3/4	273	5 1/4	133	2 5/8	67		
Consoles RC1-RC6, RC9 with an optional control	10 3/4	273	5 1/4	133	2 5/8	67		
Consoles RC7, RC8, RC10 and RC12 with an optional control and RC11 with or without an optional control	15 3/4	400	5 1/4	133	2 5/8	67		
Recessed - Size of the body; do not use mounting ring								
Consoles RC1-RC10, RC12 without an optional control	10 1/16	256	4 5/8	117	2 5/8	67		
Consoles RC1-RC6, RC9 with an optional control	10 1/16	256	4 5/8	117	2 5/8	67		
Consoles RC7, RC8, RC10 and RC12 with an optional control and RC11 with or without an optional control	15 1/16	383	4 5/8	117	2 5/8	67		

CUSTOM BUILT REMOTE MONITORING CONSOLE

DESCRIPTION

If components or component combinations are required that are not included in the standard remote console option offering, select a custom-built remote console. Custom-built remote consoles have the same features as the standard offering except that they are available with a stainless steel cover only. (The plastic cover is not available on custom-built consoles.)

Optional Components Installed in Remote Console	Option No.
Burner Light	EB1
Blower Light	EB2
Filter Light	EB3
Cooling Light	EB4
DPDT, 3-Position Toggle Switch	EB5
SPDT, 2-Position Toggle Switch	EB7
SPST, On/Of Toggle Switch	EB8
Single-Stage Heating Thermostat	EB9
Two-Stage Heating Thermostat	EB10
Single-Stage Heating/Cooling Thermostat	EB11
Two-Stage Heating/Cooling Thermostat	EB12
Potentiometer for Damper Control	EB13
Installation of Additional Components	EB14

General Sizing Guidelines

From the list of components required, use these general guidelines to determine whether a REMCON Model A or B should be specified.

RCA will accommodate the following combinations:

- 3 Lights, 2 Switches, Single-Stage Thermostat;
- 3 Lights, 1 Switch, Two-Stage Thermostat;
- 3 Lights, Thermostat with Cover

RCB is required with:

- 3 Lights, 1 Switch, Thermostat with Cover;
- 3 Lights, 2 Switches, Two-Stage Thermostat;
- Any other combination that will not fit in the smaller console.

Wires:

Console Feature	Minimum No. of Wires
1 Light	2
2 Lights	3
3 Lights	4
4 Lights	5
NOTE: For cooling light, add one wire.	
1 DPDT (3-position) Switch	4-6
1 SPDT Switch	3
1 DPST Switch	3-4
1 SPST Switch	2
1 2-Stage Thermostat	3-9
1 1-Stage Thermostat	2-8
1 Potentiometer	3

CAUTION: The minimum number of wires listed should be used only as a guideline. Do NOT use for actual wiring. The required number of wires varies depending upon the circuit and the function of the switch and can only be accurately determined from the wiring diagram designed for the specific installation.

	Dimensions		Length		Height		Depth	
	in.	mm	in.	mm	in.	mm	in.	mm
Wall Mounted - Remote Console with wall mounting ring								
RCA	10 3/4	273	5 1/4	133	2 5/8	67		
RCB	15 3/4	400	5 1/4	133	2 5/8	67		
Recessed - Size of the box; do not use mounting ring								
RCA	10 1/16	256	4 5/8	117	2 5/8	67		
RCB	15 1/16	383	4 5/8	117	2 5/8	67		