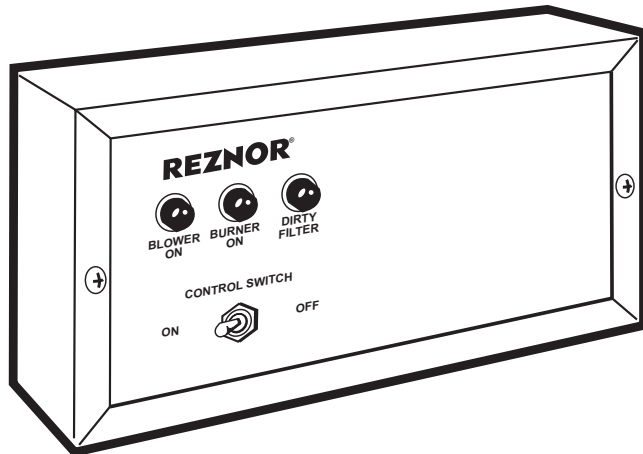


REMOTE CONSOLE

OPTIONAL ON INDIRECT FIRED PACKAGED HEATING/MAKEUP AIR SYSTEMS



STANDARD FEATURES

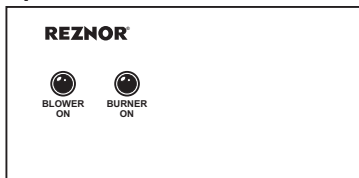
- 16 Gauge steel box
- Wiring terminal blocks
- Engraved plastic cover
- Stainless steel mounting ring
- Designed for either recessed or wall mounting

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 mounted ring is included for wall mounting. In place of the standard plastic cover, an optional stainless steel cover is available (requires extended lead time).

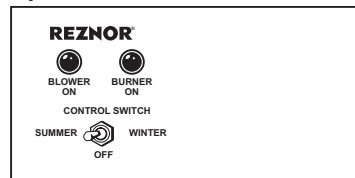
The remote console option is available with twelve pre-selected combinations of factory-installed switches, indicator lights and controls. The available combinations of components are illustrated below. Each of the consoles may be ordered with one additional factory-mounted control. Controls available 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.

Option RC1



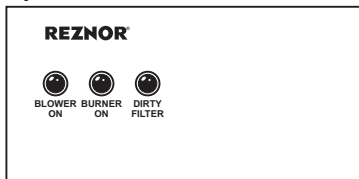
- Lights**
- Blower On
 - Burner On

Option RC5



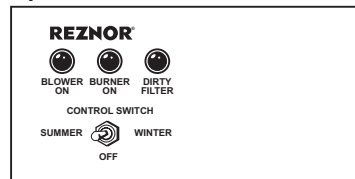
- Lights**
- Blower On
 - Burner On
- Switch**
- Summer/Off/Winter

Option RC2



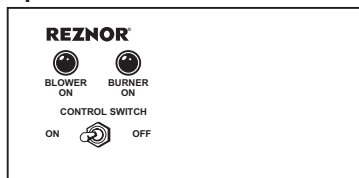
- Lights**
- Blower On
 - Burner On
 - Dirty Filter

Option RC6



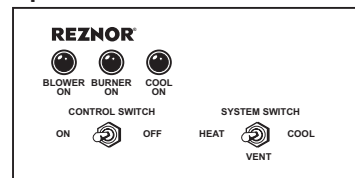
- Lights**
- Blower On
 - Burner On
 - Dirty Filter
- Switch**
- Summer/Off/Winter

Option RC3



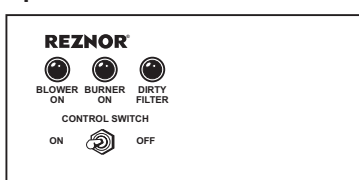
- Lights**
- Blower On
 - Burner On
- Switch**
- On/Off

Option RC7



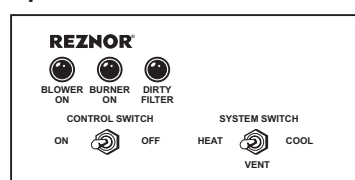
- Lights**
- Blower On
 - Burner On
 - Cool On
- Switch**
- On/Off
 - Heat/Vent/Cool

Option RC4



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

Option RC8



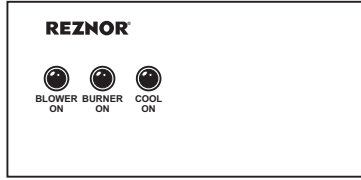
- Lights**
- Blower On
 - Burner On
 - Dirty Filter
- Switch**
- On/Off
 - Heat/Vent/Cool



REMOTE CONSOLE (cont'd)

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

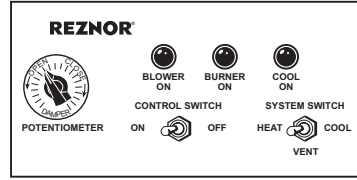
Option RC9



Lights

- Blower On
- Burner On
- Cool On

Option RC11



Lights

- Blower On
- Burner On
- Cool On

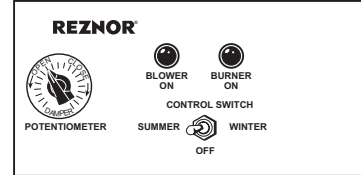
Switch

- On/Off
- Heat/Vent/Cool

Control

- Potentiometer*

Option RC10



Lights

- Blower On
- Burner On

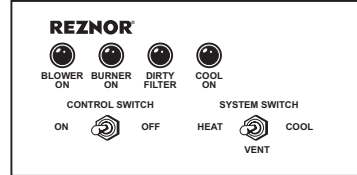
Switch

- Summer/Off/Winter

Control

- Potentiometer*

Option RC12



Lights

- Blower On
- Burner On
- Dirty Filter
- Cool On

Switch

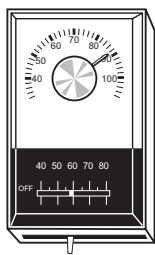
- On/Off
- Heat/Vent/Cool

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

NOTE: To coordinate option selection, see Air Control Arrangement section and Gas Control Options section.

Remote Console Components	Function	Included on 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)

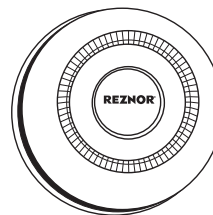


40-80 Degree Range,
30 V.A.C Maximum,
.15 to 1.0 Amps
Adjustable Anticipator

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

Use with Remote Consoles RC1-12

1-Stage Heating/Cooling Thermostat (Options RCT3)

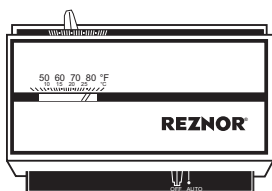


40-90 Degree Range, 30 V.A.C. Maximum, .1 to 1.2 Amps, Adjustable Anticipator

(Cross reference: Same thermostat as P/N 39581 with subbase P/N 103352)

Use with Remote Consoles RC1, 2, 9

2-Stage Heating Thermostat (Options RCT2)

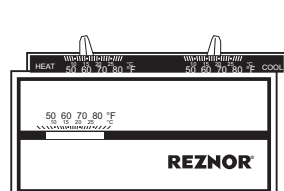


40-90 Degree Range,
30 V.A.C. Maximum,
.1 to 1.2 Amps,
Adjustable Anticipator,
Subbase with Off/Auto System Switch

(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 Degree Range, 30 V.A.C. Maximum, .1 to 1.2 Amps, Adjustable Anticipator, Subbase with Auto/On Fan Switch and Off/Heat/Auto/Cool System Switch

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

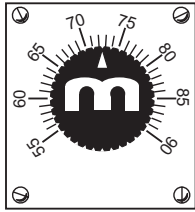
Use with Remote Consoles RC1, 2, 9

REMOTE CONSOLE (cont'd)



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

Maxitrol Temperature Selector (Option RCM)



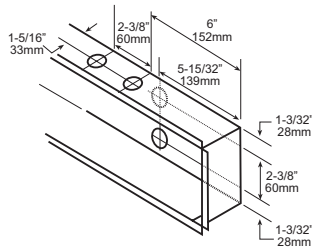
To set the duct temperature for units equipped with Maxitrol electron modulating gas control system. (Temperature Selector is part of Option AG9. Order Options RCM to have selector mounted on the remote console.)
(Cross reference: P/N 48042)

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

Custom design the console by selecting from the following list of factory-installed component options. The Option No. and specific function of all switches and signal light messages must be included on the order. The console will be built according to the instructions given. These specific instructions are also required to determine the number of relays required to provide the desired operation. NOTE: Custom-built remote consoles require extended lead time.

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.	

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.

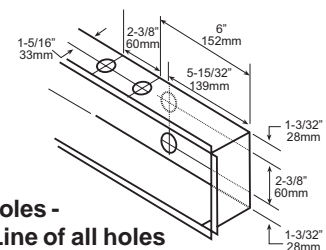
RC A will accommodate the following combinations:

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

RC B 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.

	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	



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