

# **USER'S MANUAL**

**MODEL - RS31501 REMOTE CONTROL**

**315MHz**

**FCC ID: 2AM42-RS31501**

**IC ID: 23010-RS31501**

**DESIGNED AND ASSEMBLED IN CANADA FROM FOREIGN AND DOMESTIC COMPONENTS**

**THIS DEVICE COMPLIES INDUSTRY CANADA LICENSE EXEMPT RSS STANDARD(S). OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.**

**LE PRÉSENT APPAREIL EST CONFORME AUX CNR D'INDUSTRIE CANADA APPLICABLES AUX APPAREILS RADIO EXEMPTS DE LICENCE. L'EXPLOITATION EST AUTORISÉE AUX DEUX CONDITIONS SUIVANTES :**

- (1) L'APPAREIL NE DOIT PAS PRODUIRE DE BROUILLAGE, ET**
- (2) L'UTILISATEUR DE L'APPAREIL DOIT ACCEPTER TOUT BROUILLAGE RADIOÉLECTRIQUE SUBI, MÊME SI LE BROUILLAGE EST SUSCEPTIBLE D'EN COMPROMETTRE LE FONCTIONNEMENT.**

**THIS DEVICE COMPLIES PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.**

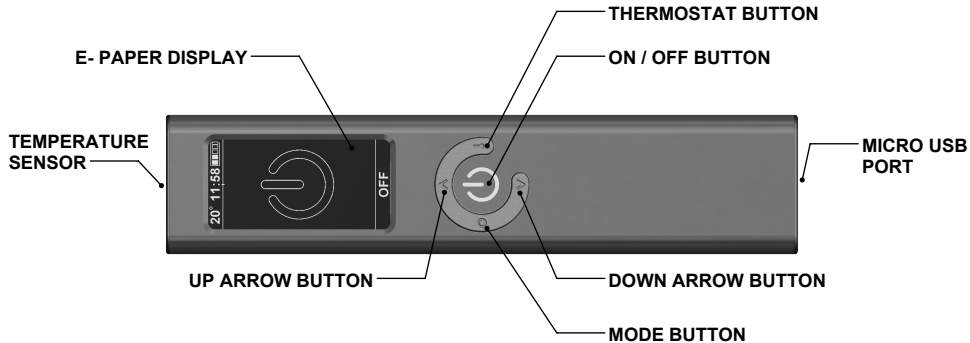
**NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.**

## **WARNING**

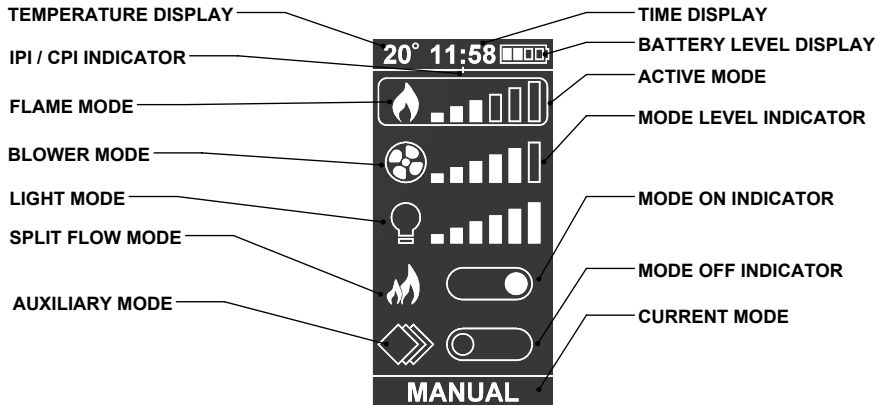
**THIS IS A RADIO FREQUENCY DEVICE. PLACING THIS REMOTE OR THE RECEIVER CLOSE TO METAL MAY IMPAIR RADIO RECEPTION.**

**THIS DEVICE WILL REMOTELY OPERATE THE APPLIANCE, ENSURE THAT POWER AND GAS ARE REMOVED FROM THE APPLIANCE PRIOR TO CONDUCTING ANY SERVICING.**

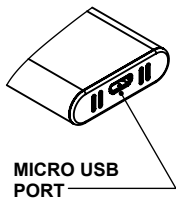
**FOLLOW THE APPLIANCE MANUFACTURERS OPERATING INSTRUCTIONS.**



**FIG. 1**



**FIG. 2**



## **INITIATING THE REMOTE**

**THE REMOTE IS SHIPPED WITH THE BATTERY DISENGAGED. TO INITIATE THE REMOTE PLUG THE SUPPLIED MICRO USB INTO THE USB PORT (FIG. 1) AND THE USB INTO A POWERED CHARGER BLOCK. THIS WILL ACTIVATE THE REMOTE AND MAKE IT READY FOR USE.**

**IT IS RECOMMENDED TO FULLY CHARGE THE REMOTE PRIOR TO ITS FIRST USE.**



## **WAKING / SLEEPING THE REMOTE**

TO WAKE THE REMOTE, PRESS AND HOLD THE ON / OFF BUTTON FOR 5 SECONDS. TO SEND THE REMOTE TO SLEEP, PRESS AND HOLD THE ON / OFF BUTTON FOR 5 SECONDS. SENDING THE REMOTE TO SLEEP WILL GREATLY EXTEND THE BATTERY LIFE, AND IS RECOMMENDED DURING LONG PERIODS OF LITTLE USE. SUCH AS DURING THE SUMMER MONTHS. WHILE SLEEPING THE REMOTE WILL NOT OPERATE THE APPLIANCE.





## **PAIRING THE REMOTE TO THE MODULE**

TO PAIR THE REMOTE, ACTIVATE THE PAIRING PROCEDURE OF THE MODULE. (SEE MODULE INSTRUCTIONS) ONCE ACTIVATED, THE MODULE WILL BEEP 3 TIMES. PUSH AND RELEASE THE ON / OFF BUTTON (FIG.1), THE MODULE WILL BEEP 4 TIMES. THE REMOTE IS NOW PAIRED WITH THE MODULE.

ONLY ONE REMOTE MAY BE PAIRED TO THE MODULE AT ONE TIME.



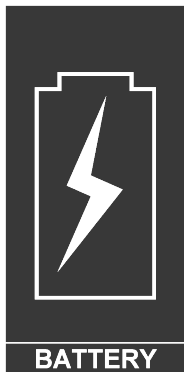
## BATTERY CHARGING

TO CHARGE THE REMOTE PLUG IN THE PROVIDED MICRO USB CABLE INTO THE RECEPTACLE SHOWN IN FIG. 1 WHILE CHARGING THE LEVEL INDICATOR MARKS WILL FLASH FROM LEFT TO RIGHT. ONCE FULLY CHARGED, THE FLASHING WILL STOP AND ALL LEVEL INDICATORS WILL BE ACTIVE. UNPLUG THE MICRO USB CABLE WHEN CHARGING IS COMPLETE.



## BATTERY LEVEL / WARNING

THE REMOTE IS EQUIPPED WITH A BATTERY LEVEL INDICATOR. IT WILL DISPLAY THE REMAINING BATTERY LIFE. SHOULD THE BATTERY LEVEL GET LOW, THE BATTERY SYMBOL WILL SHOW A WARNING. THE REMOTE SHOULD BE CHARGED USING THE MICRO USB CABLE PROVIDED.



## **BATTERY LOCK OUT**

SHOULD THE BATTERY LEVEL BE LESS THAN 10%, THE CONTROL WILL TURN OFF THE APPLIANCE AND GO INTO THE BATTERY LOCK OUT MODE. THE BATTERY LOCK OUT SCREEN WILL BE DISPLAYED. THE REMOTE MUST BE CHARGING TO RETURN TO OPERATION. ONCE THE PROVIDED MICRO USB CABLE IS PLUGGED IN, THE REMOTE WILL RETURN TO OPERATION. IT IS RECOMMENDED TO FULLY CHARGE THE BATTERY BEFORE UNPLUGGING THE MICRO USB CABLE.



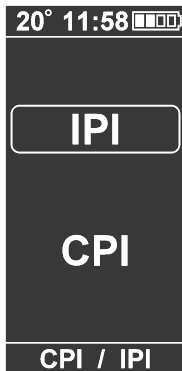
## KEY LOCK FEATURE

THE REMOTE IS EQUIPPED WITH A KEY LOCK MODE. TO ACTIVATE THE KEY LOCK, PRESS AND HOLD THE UP BUTTON (FIG. 1) FOR 5 SECONDS. TO DEACTIVATE THE KEY LOCK PRESS AND HOLD THE UP BUTTON (FIG. 1) FOR 5 SECONDS. ACTIVATING THE KEY LOCK WILL PREVENT THE APPLIANCE FROM BEING CONTROLLED WHEN NOT DESIRED.



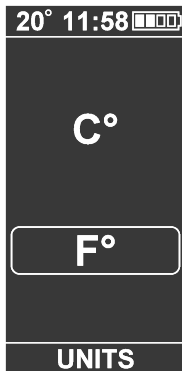
## **TURNING THE APPLIANCE ON / OFF**

TO TURN THE APPLIANCE ON, PRESS AND RELEASE THE ON / OFF BUTTON (FIG.1) TO TURN THE APPLIANCE OFF, PRESS AND RELEASE THE ON / OFF BUTTON AGAIN. WHEN OFF, THE REMOTE WILL DISPLAY THE OFF SYMBOL. WHEN ON, THE REMOTE WILL DISPLAY THE LAST MODE THE REMOTE WAS IN PRIOR TO BEING TURNED OFF.



## **SWITCHING BETWEEN IPI AND CPI MODE**

THIS MODE WILL SWITCH BETWEEN IPI (INTERMITTENT PILOT IGNITION) AND CPI (CONTINUOUS PILOT IGNITION) WITH THE CONTROL OFF, PRESS AND RELEASE THE MODE BUTTON. THE DISPLAY WILL SHOW THE IPI AND CPI MODES. USING THE UP AND DOWN ARROW BUTTONS (FIG. 1) SELECT THE MODE DESIRED. WHEN FINISHED, PRESS AND RELEASE THE MODE BUTTON.



## SETTING TEMPERATURE UNITS

THE TEMPERATURE UNITS CAN BE SELECTED. WITH THE CONTROL OFF, PRESS THE THERMOSTAT BUTTON (FIG. 1) FOR 5 SECONDS. THE TEMPERATURE UNITS WILL BE DISPLAYED. USE THE UP AND DOWN ARROW BUTTONS TO SELECT THE DESIRED TEMPERATURE UNITS. PRESS AND RELEASE THE THERMOSTAT BUTTON TO EXIT THE SETTING MODE.





## SETTING FUNCTION MODES

THE REMOTE CAN BE SET TO DISPLAY DIFFERENT FUNCTION MODES. TO ACCESS THE FUNCTION MODE SELECTION SCREEN, WITH THE CONTROL OFF, PRESS AND HOLD THE MODE BUTTON (FIG. 1) FOR 5 SECONDS. EACH MODE CAN BE HIGHLIGHTED BY PRESSING THE MODE BUTTON. PRESSING THE UP OR DOWN ARROW WILL SET OR CLEAR EACH MODE. WHEN A MODE IS SET, IT WILL BE DISPLAYED ON THE MANUAL SCREEN. A MODE THAT HAS BEEN CLEARED WILL NOT. TO EXIT PRESS AND HOLD THE MODE BUTTON FOR 5 SECONDS.



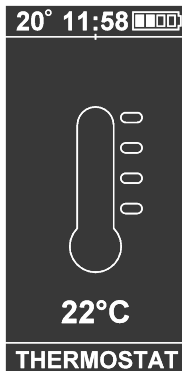
## SETTING TIME

WHILE IN THE SETTING FUNCTION MODE SCREEN, PRESS THE MODE BUTTON UNTIL THE TIME IS DISPLAYED. PRESSING THE UP OR DOWN ARROW BUTTONS WILL ADVANCE THE HIGHLIGHTED HOURS OR MINUTES, OR SWITCH BETWEEN AM AND PM. WHEN FINISHED, PUSH THE MODE BUTTON FOR 5 SECONDS.



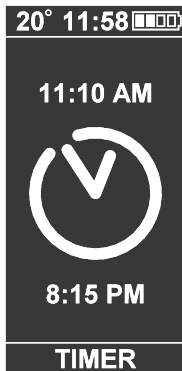
## MANUAL MODE

WITH THE CONTROL ON, PRESS AND RELEASE THE THERMOSTAT BUTTON TO TOGGLE BETWEEN MANUAL, THERMOSTAT, AND TIMER MODES. WHILE IN MANUAL MODE, ALL SET MODES WILL BE DISPLAYED. TO SWITCH THE ACTIVE MODE, PRESS AND RELEASE THE MODE BUTTON (FIG. 1) WITH THE DESIRED MODE SELECTED, PRESS THE UP OR DOWN ARROW BUTTONS TO INCREASE OR DECREASE THE MODE. THE SPLIT FLOW AND AUXILIARY MODES WILL TURN ON OR OFF.



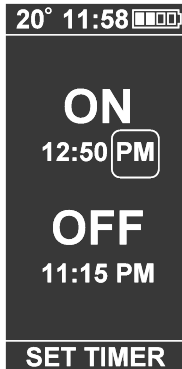
## THERMOSTAT MODE

WITH THE CONTROL ON, PRESS AND RELEASE THE THERMOSTAT BUTTON TO TOGGLE BETWEEN MANUAL, THERMOSTAT, AND TIMER MODES. WHEN IN THERMOSTAT MODE THE THERMOSTAT SYMBOL AND SET TEMPERATURE WILL BE DISPLAYED. TO CHANGE THE SET TEMPERATURE, PRESS AND RELEASE THE UP OR DOWN ARROW TO SELECT DESIRED TEMPERATURE.



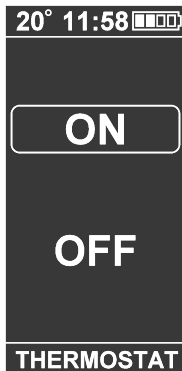
## TIMER MODE

WITH THE CONTROL ON, PRESS AND RELEASE THE THERMOSTAT BUTTON TO TOGGLE BETWEEN MANUAL, THERMOSTAT, AND TIMER MODES. WHEN IN TIMER MODE, THE ON AND OFF TIMES WILL DISPLAYED. WHEN THE TIME IS AFTER THE ON TIME, THE CONTROL WILL TURN ON. WHEN THE TIME IS AFTER THE OFF TIME, THE CONTROL WILL TURN OFF.



## SETTING TIMER

WITH THE CONTROL ON, PRESS AND HOLD THE MODE BUTTON (FIG. 1) FOR 5 SECONDS TO ENTER THE SETTING TIMER SCREEN. THE ON AND OFF TIME WILL BE DISPLAYED. PRESS AND RELEASE THE MODE BUTTON TO TOGGLE BETWEEN HOURS, MINUTES, AND AM / PM. USE THE UP AND DOWN ARROW BUTTONS TO CHANGE THE HOURS AND MINUTES. PRESS AND HOLD THE MODE BUTTON FOR 5 SECONDS TO EXIT.



## **ENABLE / DISABLE THERMOSTAT**

WITH THE CONTROL OFF, PRESS AND HOLD THE DOWN ARROW BUTTON FOR 5 SECONDS. THE UP AND DOWN ARROW BUTTONS CAN THEN BE USED TO ENABLE OR DISABLE THE THERMOSTAT FEATURE.

DECORATIVE GAS BURNING APPLIANCES IN THE UNITED STATES MUST HAVE THE THERMOSTAT DISABLED.