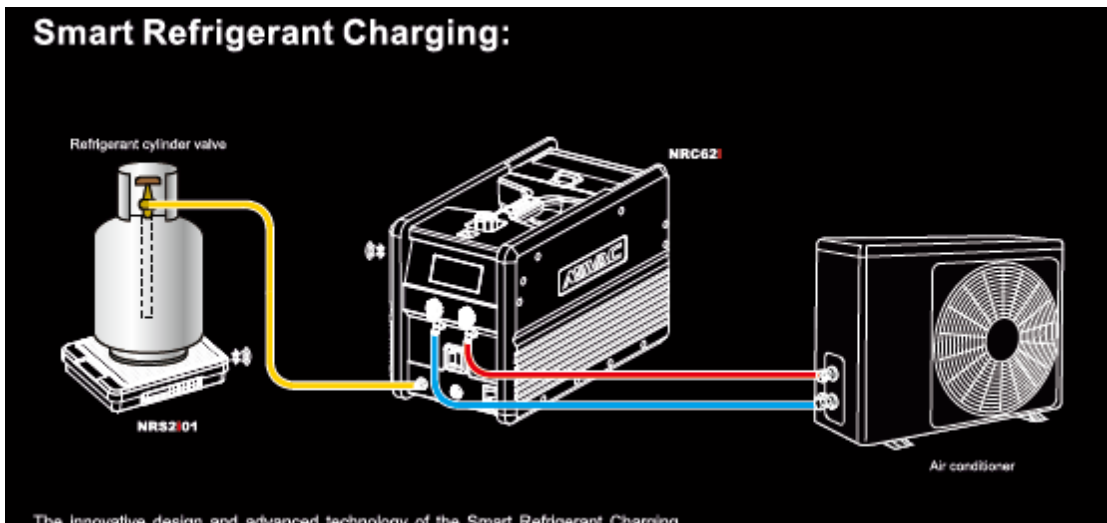


# NAVAC Charging Station NRC62i Manual

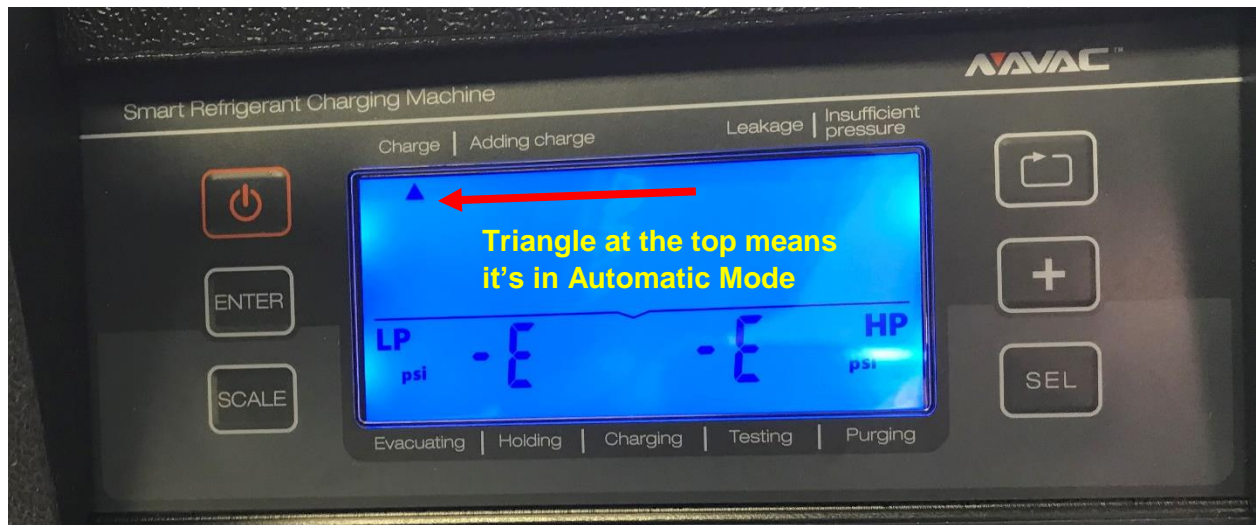
## 1. Setup


1. Hook up Charging hose from Tank to inlet connector.
  - ❖ **Note: Make sure air is purged out of the hose before beginning any charging process**
2. Hook up Low Pressure Hose to Low side of system and High-Pressure Hose to High side, if needed.
3. Hook up Power cord to unit
4. Add oil to the Charging station
5. Turn unit Power switch on.
  - Unit will go thru self-check then start searching for the scale
  - Turn on scale to sync with charging machine
    - ❖ **Note: If not using the scale, the beeping will turn off in 60 seconds**
  - When scale has synced, place refrigerant tank on scale
  - You can check the weight by pressing the “Scale” button.
    - ❖ **Note: To “zero-out” the scale, remove the tank from scale and press and hold the “Cycle Button”**
  - To go back to main screen press & hold the “Sel” button for 2 secs



## 2. Automatic Mode (No Refrigerant in system)



After the self-check and hook up, the **Charging Station** enters “Automatic mode”



1. Once on the main screen and unit shows it's in automatic mode press “Enter”. The charging machine now goes to Charge input weight.
2. Input the amount of charge to be weighed in.
  - ❖ **Note: the charging machine recalls the last charging weight entered**
  - A. To enter the charging weight, use the cycle button to cycle the digit placement and the + button to change the value
  - B. When the correct weight is input, press the “Enter” button to save it.
  - C. Press  button to run the process



3. The unit will enter "Evacuation mode"

If you need to interrupt the unit press the  button. To resume press "Enter" twice and then the  button

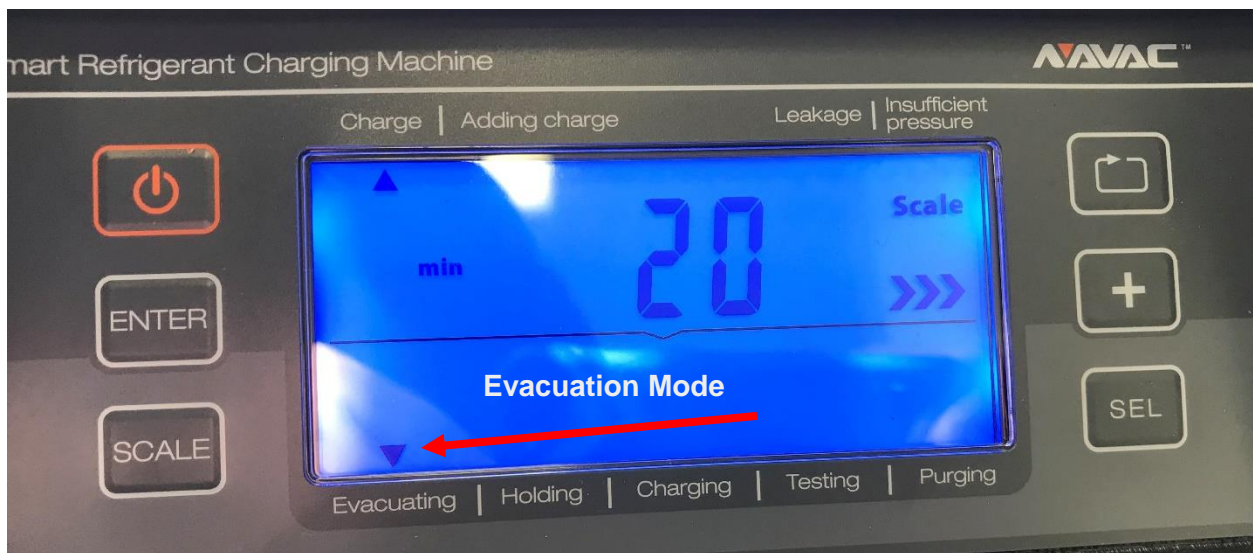
❖ **Note: If there is a loss of power the unit will remember where it left off.**

**When power is restored just press  to resume.**


❖ The unit will run a vacuum and calculate the time to run an extended vacuum based on the amount of time it took to reach the predetermined vacuum level and the amount of charging weight entered. You can also view the vacuum level in microns by pressing the "Sel" button

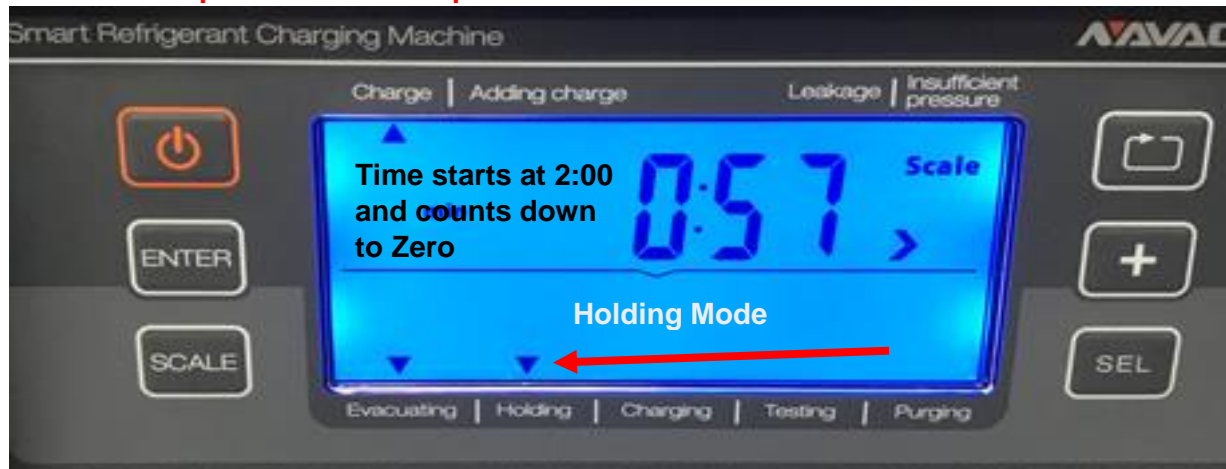
❖ Once the time is expired the vacuum is done,

❖ **Note: The unit will beep 3X after each function is complete.**





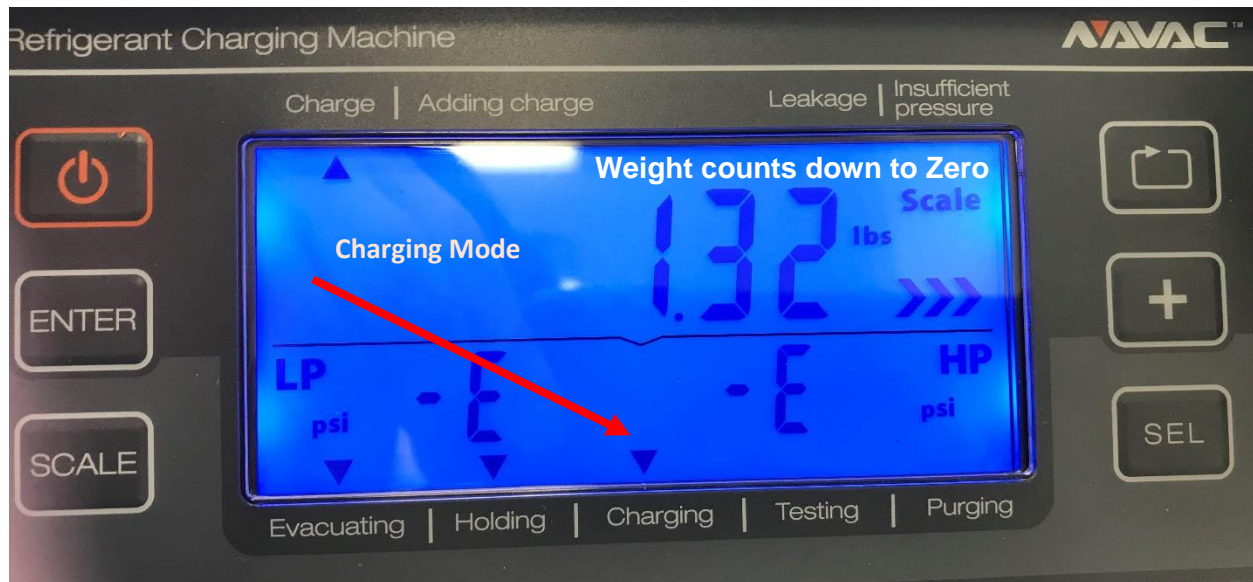
4. It will then enter a "Holding" mode for 2 minutes. If within that time, the vacuum change is within the acceptable level, it will advance to Charging Mode.

❖ **Note: If there is a power loss, the unit will remember where it left off. When power is restored press the  button**

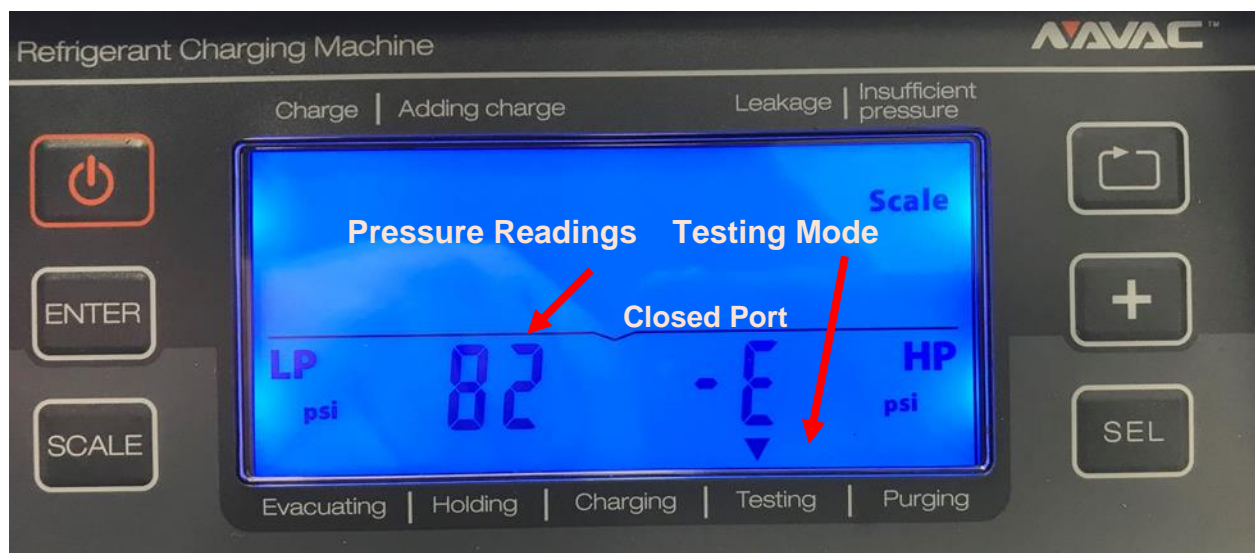


5. In Charging Mode, refrigerant will start entering the system.  
If the unit beeps and flash "Insufficient Pressure". This will be because of:


1. The refrigerant tank has run out. In this case you can stop the beeping by pressing the  button. Change the tank, then press  to resume.
2. Pressure has equalized between the Refrigerant tank and the System. This can happen if there is little or low refrigerant in the tank, or if operating in low ambient settings. You can try to increase the pressure by heating up the tank or change to a tank with more refrigerant.

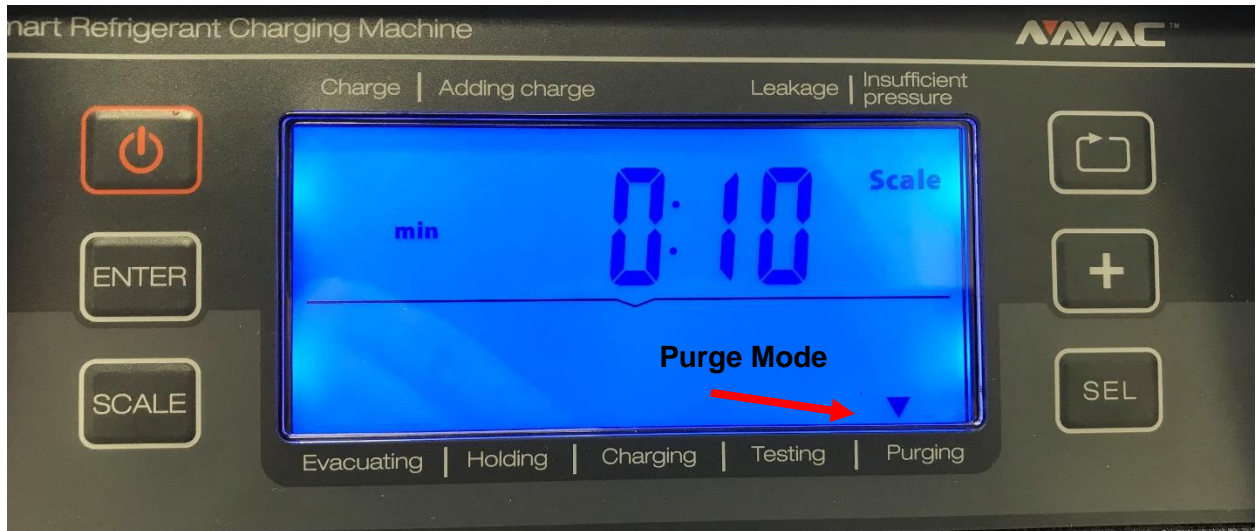


6. Once the Charging is finished, the unit will beep 3X and advance to testing mode.  
Here you can see the pressures of the system.




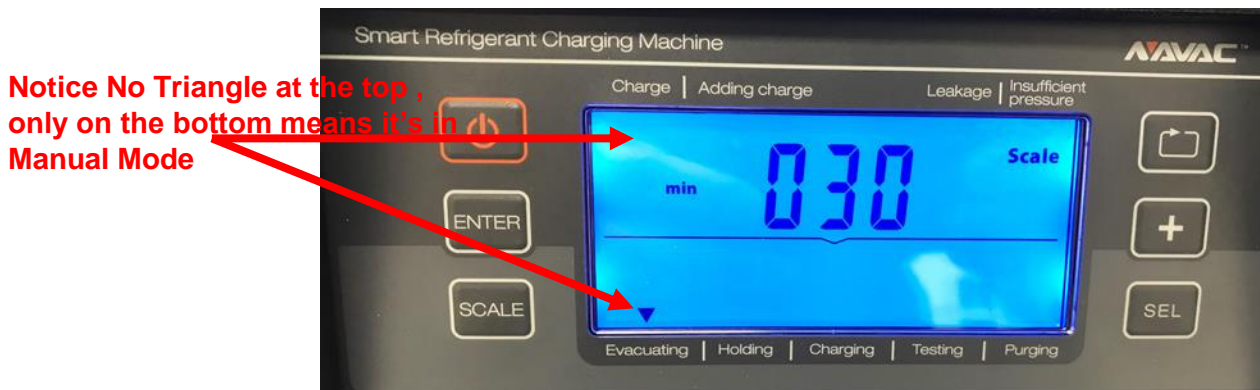
7. You can skip over Testing Mode by pressing the “Sel” button and go to Purging.

To start purging of the hoses, Press  button. It will countdown from 10 seconds. After that your charge is complete. You can disconnect your hoses.



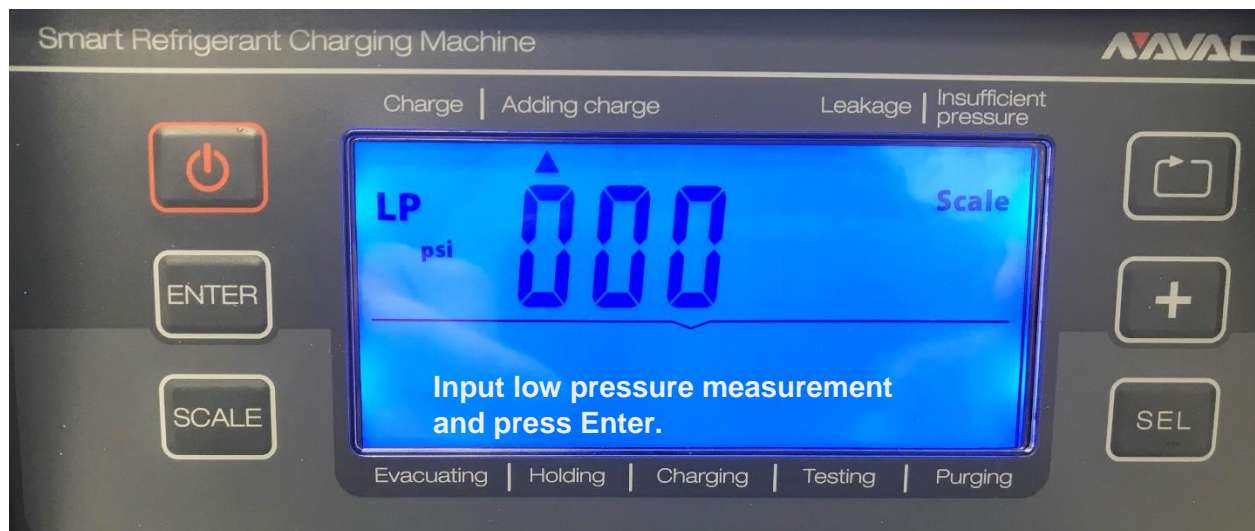
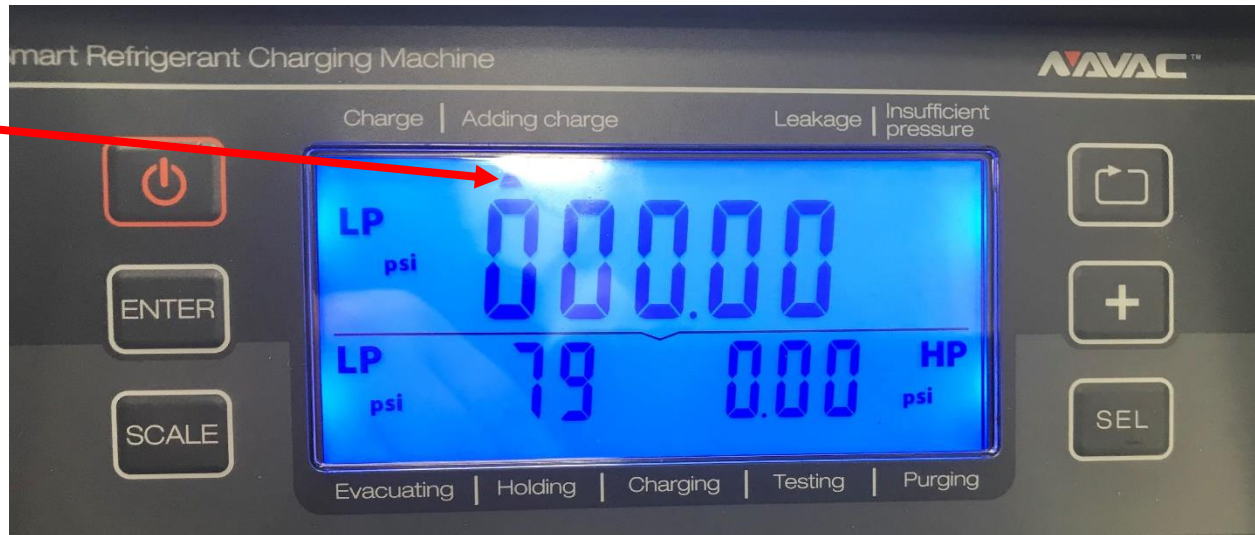
### 3. Manual Mode


1. You can run the Charging Station in manual mode if you need to:
  - Run the vacuum for longer, deeper vacuums. (Up to 999 Minutes)
  - Just Add refrigerant to the system, without doing a vacuum or hold test
  - Do a pressure test
  - Do a purge of hoses.
2. On Power up, press the “Sel” button to the process you would like to run. Enter the parameters as needed, shown above, and press the  button to begin. When the process is over the machine will stop and you can end it or manually proceed to the next process.



#### 4. Automatic Adding Charge Mode

If there is residual refrigerant or pressure in the system, the Charging Station will Automatically enter Adding Charge mode. The user will need to input the Pressure value on the low side as indicated by the systems manufacturer.



Press the  button to begin the process. The Charging Station will enter an Evacuation and Holding test for **INTERNAL** piping only, to remove possible contaminants from the unit before adding the charge.