



Performance  
Reliability  
Technology



**AE-Ti  
HEAT  
PUMPS**

## JANDY AE-Ti QUICK GUIDE

### Operating Modes

- The AE-Ti heat pump will heat the pool or spa only when the filtration system is running and the control has been turned on to either POOL or SPA as indicated by the enabled mode LEDs.
- Maintain Temperature (Auto-Heat) will allow the heat pump to check the pool temperature periodically and override time clock settings, heating the pool or spa whenever the temperature falls below the set point. This feature on the heat pump requires additional field wiring.
- HYBRID Heat Pumps include features to cool the pool or defrost the unit in very cold climates. These modes, CHILL & HOT GAS DEFROST, will only appear on HYBRID units.

### Normal Operation

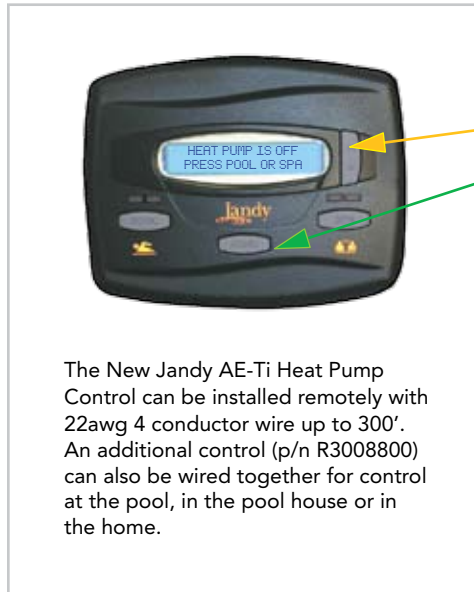
- Lit Jandy icon indicates unit has power.
- Choose Pool or Spa. Each has its own set temperature. The AE-Ti includes the necessary controls to switch valves from pool to spa operation.
- Green enabled LED above icon will light.
- Temperature may be raised or lowered.
- Red LED above icon indicates unit is heating (red LED will change to green when HYBRID unit is chilling).

### User Set-up

With the unit in the OFF mode, press and hold the MENU key for 7 - 10 seconds. The UP & DOWN arrow keys toggle between the different functions. The MENU key toggles various options within the functions. The POOL & SPA keys end the Setup Mode and return to 'OFF'.

### User Set-up Functions

- 1) Language Selection  
Select from English, Spanish, French, Italian, Portuguese or German.
- 2) Temperature Scale  
Select Fahrenheit or Centigrade scale.
- 3) Spa Timer  
Provides automatic shut down of spa operation.
- 4) Display Lighting  
Controller lights can be set ON, OFF or to SHUT OFF after a two minute delay.



### Service Set-up Mode

From the off mode, press MENU, followed by POOL & SPA, holding all three buttons simultaneously for 7 - 10 seconds.

The UP & DOWN arrow keys toggle between the different functions. The MENU key toggles various options within the functions. The POOL & SPA keys end the Setup Mode and return to 'OFF'.

### Service Set-up Functions

- 1) Maintain Temperature
- 2) Maintain Temperature Delay
- 3) Remote
- 4) Defrost
- 5) Test Mode
- 6) Load Defaults - Resets factory settings
- 7) Coil Temperature Calibration
- 8) Water Temperature Calibration
- 9) Water Temperature Differential
- 10) Delay On Make Timer

### Set Point Lockout

Make sure the control is in the ON mode (POOL or SPA), press and hold the Up and Down buttons for 7 - 10 seconds. The set point will be locked and the control will operate in the mode it was in when the Set Point Lockout occurred. If an attempt to change the set point is made while the control is in Set Point Lockout, the control will display SET POINT LOCKED. To unlock the Set Point Lockout, press and hold the UP or DOWN buttons for 7 - 10 seconds. The unit will display SET POINT UNLOCKED.

### Chiller Operation

With the controller operating in the POOL or SPA mode, press the MENU button. The UP/DOWN arrows will toggle between heating & chilling modes. Set temperature as desired.

**NOTE:** This feature is only available on HYBRID units (AE2500T-R and AE3000T-R).

### AquaLink RS/Remote Enable

Remote system must be wired as shown below before enabling the remotes options on the controller.

Enter Remote Thermostat in Service Set-up Mode (#3 from Service Setup Mode functions).

- Display will show REMOTE on the second line. The UP/DOWN arrows will toggle to options: 'OFF', 'HI-LO-COM', or 'REMOTE T-STAT'.
- For Aqualink RS connection use 'REMOTE T-STAT', then MENU to save selection.
- Select SPA. Raise heating setpoint, using UP arrow key, to maximum (104°F).
- Control will indicate heat pump in Spa Heat mode and will alternately flash REMOTE T-STAT ENABLED.
- For 3-wire remote systems select HI-LO-COM. Control will alternately flash REMOTE T-STAT ENABLED.



Figure 1. Remote Pool-Off-Spa Connection (3-Wire Connection)



Figure 2. AquaLink RS or Remote TSTAT Connection (2-Wire Connection)

# EXAMPLE OF SET UP FOR RS CONTROLS

## Step 1:

With the Control set to OFF, switch to the "hidden menu" by pressing MENU, followed by POOL & SPA, holding all three buttons simultaneously for 7 to 10 seconds.



## Step 2:

Press the DOWN button until the screen reads REMOTE\*.



## Step 3:

When REMOTE is displayed, press the MENU button.



## Step 4:

Press either the UP or DOWN button to change the display to HI-LO-COM (3 wire) or T-STAT (2 wire connection).



## Step 5:

Press MENU to select.



## Step 6:

Press POOL or SPA to return to the normal screen.



\*Pressing MENU will return display to the previous screen.