



# **GREE C SERIES CHILLER START-UP CONTROL SETTINGS**

**[www.greeac.co.nz](http://www.greeac.co.nz)**

# Gree C Series Chiller Start-up Control Settings

[www.greeac.co.nz](http://www.greeac.co.nz)

## C Series Inverter Reverse Cycle and Process Chiller

### Function Menu

Mode - Switch between heat/cool/manual defrost for a heat pump chiller. Set when the chiller is off.

Cooling mode – Standard, Industrial. This will allow medium temp cooling or industrial low temp process cooling. Glycol is required for industrial cooling.

Dry contact switching mode – ON/OFF. Set when the chiller is off. Dry contact can be used for switching modes as in the installation manual. This is only done in the first chiller if in a modular system.

Contact-control ON/OFF – Switch from disabled to enabled if you have a remote start/stop. Timer ON/OFF – Switch from disabled to enabled if you want to set up a schedule. You cannot use both contact-control and timer at the same time.

ON/OFF memory - From off to on. This allows it to retain the settings after power failure. Default is off.

Field commissioning password 111111, scroll down to the bottom of the function menu and then choose field setting for changes.

### Field Setting

Water-T control is set to leaving as default to control on water out. It can be set to water in to control the system on entering water temp.

### Parameter Menu

For changing your set points based on how you are controlling the water sensing. The chiller does have a pre-set water temperature differential of 2.5-6 degrees built into the program. Leaving chilled water setpoint has a range of 5 to 20 degrees and heated water of 35 to 50 degrees.

Field viewing and Status screens are monitoring only, to see what the unit is doing.

# Gree C Series Chiller Start-up Control Settings

[www.greeac.co.nz](http://www.greeac.co.nz)

Terminals for extra functions on units: 1+2 run indicator lights

3+4 Error indicator lights

5+6 Remote switch (dry contact)

7+8 user water pump

9+10, 11+12 Aux electric heaters

13+14 (150kw only) Emergency stop/trip signal

15+16 Dry contact for cooling switch

17+18 Dry contact for heating switch

19+20 Dry contact for energy saving 50% control

21+22 Dry contact for energy saving 75% control

## Info Menu

Pick the module to look at if there is more than 1 unit connected.

Status shows what the components of the unit are doing – comps, fans, pump, valves.

Parameter shows your temperatures across the system.

Error and Error record show current and past faults up to a max of 10.

## General Info.

Controller is a CF1219

Jump caps are - 01(65kw), 01(80kw), or 04(150kw).

Correct water flow rates are required to ensure correct operation of the chiller.

Ensure water testing is carried out as part of a maintenance schedule to check water quality as shown in the manual.

Flush the chiller through at installation to remove any residue water from factory testing. Oxalic acid is available at hardware shops for this and is one product shown in the install manual.