



Sporlan™ OMNI-Stat® and CAREL™ PJEZ* Series Full Controller Settings Brief

There are two types of settings on the Sporlan™ OMNI-Stat® or CAREL™ PJEZ* series controllers.

- Both controllers are the same and are manufactured by Carel™ only.
- One settings group is designed for the “customer” or “product user” which simply allows to change the standard set point temperature on the unit to be controlled.
- The other settings group is designed for factory or manufacturer settings. This last group of settings is locked with a password key because it deals with operational parameters that directly affect the performance of the unit, such as: defrost interval, defrost termination temperature and compressor safety parameters.

Both settings are explained on the following notes.

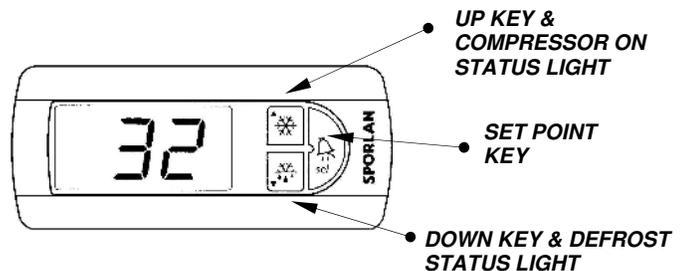
CUSTOMER CONTROLLER SETTINGS:

The Refrigeration Controller unit that manages all the refrigerator operations and performance is a rugged and highly sophisticated Sporlan or Carel Brand Electronic Controller.

The refrigeration control has been preset at the factory for normal, everyday operation under standard room conditions. Should you require to change the temperature setting, higher or lower than the standard factory set of 35°F, this procedure can be done very quickly, as follows:

1. Press the “SET  ” button for 1 second to display the set point temperature (35°F) default.
2. Hold the “SET  ” key until the set point starts flashing.
3. Use the  key to increase the temperature or  key decrease the temperature.
4. Press the “SET  ” button once more to confirm the value.

Note: The  “UP” and  “DOWN” keys also serve as indicator lights to show when the compressor is ON or when the unit is on DEFROST mode.



FACTORY CONTROLLER SETTINGS:

Introduction:

1. Press the “SET  ” button for **1 second** to display the set point temperature (35°F) default.
2. Hold the “SET  ” key for at least **5 seconds once more** (the set point starts flashing and after 5 seconds the letters PS will appear on the screen).
3. Use the  or  key cycle through the different programming parameters.
4. ALWAYS Press the “SET  ” button for at least **5 seconds** to exit the programming mode.

Changing values:

There are two sets of parameters that can be access on this controller. Some require a password, other do not. In order to access those parameters and change their values the following sequence must be followed:



NOTE: The standard password to access the locked parameters is 22



Sporlan™ OMNI-Stat® Controller Settings

Keg Unit Controller Settings

Model: 952896 - 120 VAC

Values to be changed from default

| Code: | Parameter: | Value | Default | UOM | Access | |
|------------------------------|---|-------|---------|---------|--------|---------|
| | | | | | W/O PS | With PS |
| PROBE PARAMETERS | | | | | | |
| /2 | Measurement Stability | 4 | 4 | ~ | | ✓ |
| /4 | Probe to display (0=ambient / 1=defrost) | 0 | 0 | ~ | | ✓ |
| /5 | Unit of Measure (0=°C / 1= °F) | 1 | 0 | ~ | | ✓ |
| /c | Ambient probe calibration | 80 | 0 | °F | ✓ | |
| ALARM PARAMETERS | | | | | | |
| A0 | Alarm and Fans Differential Temp | 0 | 0 | °F | | ✓ |
| A7 | Alarm Measurement Time delay - NOT USED | 0 | 0 | Minutes | | ✓ |
| Ad | Alarm Temperature delay | 0 | 0 | Minutes | | ✓ |
| AH | Hight temperature alarm (0=OFF) | 0 | 0 | °F | ✓ | |
| AL | Low temperature alarm (0= OFF) | 0 | 0 | °F | ✓ | |
| COMPRESSOR PARAMETERS | | | | | | |
| c0 | Delay compressor after power on | 0 | 0 | Minutes | | ✓ |
| c1 | Minimum time between 2 compressor runs | 0 | 0 | Minutes | | ✓ |
| c2 | Compressor shut down minimum time | 2 | 0 | Minutes | | ✓ |
| c3 | Compressor Operation minimum time | 0 | 0 | Minutes | | ✓ |
| c4 | Compressor Safety (0=OFF / 100=ON) | 100 | 0 | ~ | | ✓ |
| c6 | Alarm Delay after continuous cycle | 2 | 2 | Hours | | ✓ |
| cc | Continuous Cycle Duration | 4 | 4 | Hours | | ✓ |
| DEFROST PARAMETERS | | | | | | |
| d/ | Defrost probe - display temperature | ~ | ~ | ~ | ✓ | |
| d0 | Defrost type (0=heater / 1=Hot Gas / 2=timed heater / 3=timed HG) | 3 | 3 | ~ | | ✓ |
| d4 | Defrost after power on (0= NO / 1= YES) | 0 | 0 | ~ | | ✓ |
| d5 | Defrost delay after power on | 0 | 0 | Minutes | | ✓ |
| d6 | Block Display during Defrost (0= NO / 1= YES) | 1 | 1 | ~ | | ✓ |
| d8 | Alarm delay after defrost | 1 | 1 | Hours | ✓ | |
| dc | Time base for dl and dP (0= hrs / 1= minutes) | 0 | 0 | ~ | | ✓ |
| dd | Dripping time after defrost | 2 | 2 | Minutes | ✓ | |
| dl | Defrost interval | 4 | 8 | Hours | ✓ | |
| dP | Max. Defrost Duration | 30 | 30 | Minutes | ✓ | |
| dt | Defrost Ends Temperature | 50 | 4 | °F | ✓ | |
| FAN PARAMETERS | | | | | | |
| F0 | Fan Management (0= ON [for F2, F3 & Fd] / 1= ON [for F1]) | 0 | 0 | ~ | | ✓ |
| F1 | Fan Power ON temperature | 5 | 5 | °F | ✓ | |
| F2 | Fan OFF When Compressor is OFF (0= NO / 1= YES) | 1 | 1 | ~ | | ✓ |
| F3 | Fan OFF during Defrost (0= NO / 1= YES) | 1 | 1 | ~ | | ✓ |
| Fd | Stop after drip time (on for F0 Value) | 1 | 1 | Minutes | ✓ | |
| OTHER PARAMETERS | | | | | | |
| H0 | Serial Address (communications) | 1 | 1 | ~ | | ✓ |
| H1 | Alarm Relay Operation (0=Alarm w/relay ON - 1=Alarm w/ relay OFF) | 1 | 1 | ~ | | ✓ |
| H2 | 0= Disable Buttons / 1=Enable Buttons | 1 | 1 | ~ | | ✓ |
| H5 | Identification for Programming | 0 | 0 | ~ | ✓ | |
| T | External Programming | ~ | ~ | ~ | ✓ | |
| PASSWORD | | | | | | |
| PS | Password | 22 | 22 | # | ✓ | |
| REGULATION PARAMETERS | | | | | | |
| r1 | Minimum Allowed Temperature setting | 25 | -50 | °F | | ✓ |
| r2 | Maximum Allowed Temperature setting | 45 | 60 | °F | | ✓ |
| r3 | Enable Def. alarm when max def. time reached | 0 | 0 | ~ | | ✓ |
| r4 | Automatic variation of set point - NOT USED | 3 | 3 | ~ | | ✓ |
| rd | Regulating Differential | 3 | 2 | °F | ✓ | |

Please note that the required parameters on the previous page grayed out are the only parameters requiring change from the controller manufacturer's default settings.

The settings as shown on the previous page were tested on the unit for optimal performance. Changing values from the specific set points voids any operational warranty as many factors affect compressor performance, run time and energy settings.

We want you to remain a satisfied customer. If a problem occurs that cannot be resolved to your satisfaction, please us know. Write to:

Alfresco Gourmet Grills
Customer Service Department
7039 East Slauson Avenue
Commerce, CA 90040

Or call Customer Service/Parts at:

(888) 383-8800 or (323) 722-7900

Or fax us at:

(323) 726-4700.

CAREL® Controller Settings

◻ ◀ Values changed

Model: PJEZSNH100

| Code: | Parameter: | Value | Default | UOM |
|------------------------------|---|-------|---------|---------|
| PASSWORD | | | | |
| PS | Password | 22 | 22 | # |
| PROBE PARAMETERS | | | | |
| /2 | Measurement Stability | 4 | 4 | ~ |
| /4 | Probe to display (0=ambient / 1=product) | 1 | 1 | ~ |
| /5 | Unit of Measure (0=°C / 1= °F) | 1 | 0 | ~ |
| /6 | Disable decimal point | 0 | 0 | ~ |
| /7 | Enable Probe 2 Alarm (model PJEZM only) | 0 | 0 | ~ |
| /C1 | Probe 1 Offset | 0 | 0 | °F |
| /C2 | Probe 2 Offset | 0 | 0 | °F |
| CONTROL PARAMETERS | | | | |
| St | Set point | 28 | 4 | °F |
| r1 | Minimum setpoint allowed to the user | 20 | -50 | °F |
| r2 | Maximum setpoint allowed to the user | 45 | 90 | °F |
| r3 | Operating mode | 0 | 0 | ~ |
| rd | Control Differential (hysteresis) | 3 | 2 | °F |
| COMPRESSOR PARAMETERS | | | | |
| c0 | Delay compressor after power on | 0 | 0 | Minutes |
| c1 | Minimum time between 2 compressor runs | 0 | 0 | Minutes |
| c2 | Compressor shut down minimum time | 2 | 0 | Minutes |
| c3 | Compressor Operation minimum time | 0 | 0 | Minutes |
| c4 | Compressor Safety (0=OFF / 99=ON) | 99 | 0 | ~ |
| cc | Continuous Cycle Duration | 4 | 4 | Hours |
| c6 | Alarm Delay after continuous cycle | 2 | 2 | Hours |
| DEFROST PARAMETERS | | | | |
| d0 | Defrost type (0 and 1= Temperature / 2, 3 and 4 = Timed) | 0 | 0 | ~ |
| d1 | Defrost interval | 4 | 8 | Hours |
| dt | Defrost Ends Temperature | 50 | 4 | °F |
| dP | Max. Defrost Duration | 30 | 30 | Minutes |
| d4 | Defrost after power on (0= NO / 1= YES) | 0 | 0 | ~ |
| d5 | Defrost delay after power on | 0 | 0 | Minutes |
| d6 | Block Display during Defrost (0= NO / 1= YES) | 1 | 1 | ~ |
| dd | Dripping time after defrost | 2 | 2 | Minutes |
| d8 | Alarm delay after defrost | 1 | 1 | Hours |
| d9 | Defrost priority over minimum compressor time (0= NO / 1= YES) | 0 | 0 | ~ |
| d/ | Defrost probe - display temperature | ~ | ~ | ~ |
| dc | Time base for d1 and dP (0= hrs / 1= minutes) | 0 | 0 | ~ |
| ALARM PARAMETERS | | | | |
| A0 | Alarm and Fans Differential Temp | 0 | 0 | °F |
| AL | Low temperature alarm (0= OFF) | 15 | 0 | °F |
| AH | High temperature alarm (0=OFF) | 50 | 0 | °F |
| Ad | Alarm Temperature delay | 0 | 0 | Minutes |
| A8 | Enable Alarm "ED"End of defrost by timeout | 0 | 0 | Minutes |
| OTHER PARAMETERS | | | | |
| H0 | Serial Address (communications) | 1 | 1 | ~ |
| H1 | Alarm Relay Operation (0=Alarm w/relay ON - 1=Alarm w/ relay OFF) | 0 | 0 | ~ |
| H2 | 0= Disable Buttons / 1=Enable Buttons | 1 | 1 | ~ |
| H5 | Identification for Programming | 1 | 1 | ~ |
| EY | Select Easy Set according to model | 0 | 0 | ~ |