

# Operations Manual

Vantage CS Compact - Clamshell Grill

Model #: CSD1212



**PROLUXE**  
WWW.PROLUXE.COM

Version: 51719

Congratulations on your selection of the Vantage CS Compact Clamshell Grill. Proluxe is a leading manufacturer of food preparation and cooking equipment designed for the most demanding commercial kitchens. Proluxe equipment is a result of the highest quality engineering and time-tested design.

This manual includes installation, operation, and maintenance procedures for your new clamshell grill. Please read this manual carefully and keep it with your machine for proper operation and lasting service.

Electrical:  
120V/50-60Hz/220W/18.3 Amps  
1 phase

Also available; specify when ordering:

- Voltage: 120/208/220
- Amps: 18.3/10/13.5
- Watts: 2200/2800

Includes: 72" cord and 6-30P NEMA approved plug.

Controlled heating zones: 3

Shipping Weight:  
78lbs. (35kg)

## GETTING STARTED

Please read carefully before attempting to use this appliance.

1. Place in location where it will be used allowing for clearances per the dimensions indicated. Allow 2" minimum clearance between adjacent equipment and/or wall areas.
2. Plug into proper 3 prong wall outlet. If other appliances are connected to the same circuit make sure the total load does not exceed a maximum ampacity of the circuit. Electrical information is as follows:
3. Press the power button, the green light above will illuminate when powered on. The display flashes and shows left preset timer during warm-up. Pre-heat time will be 40-50 minutes. When the set point is reached, the display stops flashing and beeps 3 times.
4. Simply place product on either side of the grill, close lid and press the desired preset time cycle 10 or 20 seconds. After the time cycle is finished press it again to reset the time cycle.

## TEMPERATURE/TIMER SETTINGS

### How to Find Set Temperature

To find the temperature of upper platens:  
Press and hold the TEMP button and the arrow up ( ↑ ) button at the same time.

To find the temperature of bottom platens:  
Press and hold the TEMP button and the arrow down ( ↓ ) button at the same time.

### Adjusting the Set Temperature

1. Press and hold the TEMP button and the arrow up ( ↑ ) button at the same time for 15 seconds.
2. The current temperature with display on the right digital display screen only.
3. Using the up ( ↑ ) and down ( ↓ ) adjust the temperature to your desired setting.
4. Once your desired temperature is set, push the TEMP button to return.

### Adjusting the Set Time

1. Press the TEMP button first and then select the desired timer button and hold for 5 seconds.
2. The current temperature with display on the right digital display screen only.
3. Using the up ( ↑ ) and down ( ↓ ) adjust the timer to your desired setting.

4. Once your desired temperature is set, push the TEMP button to return.

Note: When adjusting the timer settings, the right set of buttons control the left side.

Your left side timer will automatically set to your right control settings. If you desire a separate left timer you can manually adjust the left side timer without affecting the right timer.

## CLEAN CYCLE

### Start Cycle

To start a clean cycle, push CLEAN button once so the CLEAN LED light is turned on. All preset LED's are turned off, and the temperature set point is changed to the clean set point of 275°F. This also initiates the cool down to clean set point condition as well the display starts flashing until the clean set point is reached.

### Stop Cycle

To stop the clean cycle, simply press the CLEAN button once to deactivate the clean cycle. The CLEAN LED is turned off, the preset LED's are restored, the temperature set point is changed to the main set point. Again, the warm-up condition is initiated and the display flashes until the cook set point is reached.

### Change Clean Temp

275°F is the factory default temp for the CLEAN cycle. To change the CLEAN cycle temp, simultaneously hold down the TEMP and CLEAN buttons for 15 seconds. The current temp setting will display on the right digital display only. Using the up or down arrows to adjust to the desired temp.

## PREVENTATIVE MAINTENANCE

Proluxe machines are relatively maintenance free. For a long lifespan, the following preventative maintenance should be followed:

### Daily Care:

1. Platens: Turn your machine off and allow to cool down before attempting to clean. These platens should only be cleaned with mild soap and warm water then wiped off with a clean, soft cloth or soft sponge.

2. Exterior surfaces: Wipe daily with mild soap and warm water.

DO NOT use ice or cold water to cool the unit down. This can cause platens to warp.

### Service Problems:

Contact our factory at (800) 624-6717 (U.S. only) or approved service agency. When contacting the factory for information, parts or service instructions, please provide the serial number of the machine be provided. This number can be found on the serial plate located on the rear of the machine.

## Vantage CS Compact Troubleshoot Guide - Model #: CSD1212

Problem	Cause	Action	Ref #
Power button on digital controller face is depressed but doesn't turn on.	1. Power cord is not plugged in.	1. Plug the power cord into wall receptacle and power button.	----
	2. Circuit breaker is tripped off in the site's breaker box.	2. Reset circuit breaker that the grill is plugged into. Depress Power Button to turn on.	-----
	3. Transformer has taken an electrical surge and is damaged.	3. Replace Transformer after you check secondary side of transformer. If working properly, you should receive 12vdc.	18
	4. Check voltage on the secondary side of the Transformer. If you read 12VDC then you are receiving voltage to the controller.	4. Replace controller. Controller should be on once the power button is depressed.	A8
	5. Possible blown fuse.	5. Replace fuse.	98
Digital controller's LED's are scrambled or randomly erratic. If when turning on, the display will first go to segment check	1. Possibly a component on the Digital controller is damaged.	1. Replace digital controller.	A8
	2. Control needs to reset.	2. While unit is on unplug unit, wait for 1 min. Then plug machine on again and depress the power button.	----
Digital controller is constantly beeping. No heat on either on left, right, upper, or lower platen.	Sensor in one of two zones lost it's continuity. Depress TEMP. While depressing TEMP depress either up or down arrow to locate error message PROB (zone 1, lower platen, zone 2 left upper platen, zone 3, right upper platen.) If occurred when depressing the up arrow indicates either the left or right platen has the open sensor or Probe.	Disconnect probe and check for continuity (by using Ohm Meter) and replace. Do not cut and splice new sensor. Install new 2000 ohm RTD sensor to underside of the platen and reconnect to controller. Upper left and right sensor for replacement on upper platens, lower platen sensor for replacement for lower platen.	22 46
Digital display shows PROB. No heat on any platen.	Sensor lost it's continuity as shown on a multi-meter.	Disconnect prob that is open (no continuity as shown on a multi-meter. Must replace sensor (RTD). Do not cut and splice new sensor. Install new 2000 ohm RTD sensor to under side of heat	41

		platen and reconnect to the controller.	
Digital controller beeping and is overheating.	The mechanical relay on the switched side is not opening to regulate temperature. Hold TEMP button then depress either the down or up arrow (zone 1, lower platen, zone 2, left upper platen and zone 3, right upper platen.) RLY will display on problem zone indicating the damage.	Replace the mechanical relay.	15
Either platen is not heating but the digital controller is on and appears to be functioning.	If the mechanical relay(s) on the coil side are receiving 12vdc indicates the controller is functioning properly. If there is no voltage on the switching side of the relay to the heaters, the relay is not working properly.	Replace the mechanical relay.	15
Beeper is not functioning.	Beeper has failed.	Replace control board.	A8
One of the three heater platens not close to set point.	The offset function in the controller's setting needs to be adjusted to achieve proper shade of toast.	Call (800) 624-6717 for instructions.	----
One heating zone is not reaching setpoint and another heater is overheating.	Sensors maybe crossed.	Make sure each sensor is connected to its prospective position on the terminal block and back to the controller.	----
Setpoint is reached but slightly off in temperature.	Offset may need to be calibrated and adjusted.	Call (800) 624-6717 for instructions.	----
Heater platen is overheating.	<ol style="list-style-type: none"> <li>1. The mechanical Relay may be stuck in the closed position (zone 1, lower platen #1 labeled on this relay, zone 2, left upper and zone 3, right upper).</li> <li>2. If you are receiving 12vdc on the coil of the relay, the controller is properly functioning.</li> </ol>	Use an Ohm meter for a continuity check must check at the cold pins of the heater (where the heater wire is brazed at the cold pin. This will eliminate any other failure before the heater element validating the loss off continuity at the source the heater element.	15
Upper heater not coming down parallel to the lower platen.	Parallel lever not attached either in the rear out on the upper heater platen. Check to see if parallel lever	Reconnect the pin and the retaining E-Clip.	25

	is connected on both sides. The retaining clip attached to pin may have come off.		
Upper platen falling down or lost tension.	The springs have lost some tension.	Remove rear panel and adjust the retaining collars on shaft by winding the spring tighter. There are multiple set screws that need to be loosened in order to wind the spring tighter. Once proper tension is achieved, tighten all set screws to prevent tension loss.	----

## Vantage CS Compact Part List - Model #: CSD1212

ITEM #	DESCRIPTION	CSD1212A	CSD1212DTA	QTY
1	BASE FRAME ASSEMBLY	PG115100	PG115100	1
2	FEET, RUBBER 3/4	11016546469	11016546469	4
3	POWER CORD, 120 VOLTS	1101217174	1101217174	1
4	LOWER PLATEN, INSULATION	11018344019	11018344019	1
5	LOWER PLATEN INSULATION COVER	11018344018	11018344018	1
6	SCREW, SET 3/8-16X 1-1/2	SST3816112	SST3816112	4
7	WASHER SAE 3/8	WSAE38	WSAE38	12
8	WASHER SPLIT LOCK	WL38	WL38	4
9	NUT HEX 3/8-16	NH3816	NH3816	4
10	SHIM, LOWER PLATEN	11018344030	11018344030	1
11	GREEN INSULATION WASHER	C4401	C4401	2
12	LOCK WASH 1/4	WL14	WL14	2
13	WASHER SAE 1/4	WSAE14	WSAE14	2
14	NUT, HEX 1/4-20	NH1420	NH1420	2
15	BOLT, HEX 1/4 - 20 X 1	BH14201	BH14201	2
16	RTD, BOTTOM SENSOR	1108881102	1108881102	1
17	BUSHING TEFLON 3/4 LONG	110113441	110113441	2
18	WIRE HARNESS	PG115050	PG115050	1
19	CSD1212 OVERLAY	OCSD1212A	OCSD1212DTA	1
20	BOTTOM COVER WITH PEM NUTS	11018344022	11018344022	1
21	STOP, HEX PIN	11018344037	11018344037	2
22	SINK, HEAT, ALUMINUM (SSR)	11057322	11057322	2
23	SOLID STATE RELAY, 25 AMPS	PL2425	PL2425	2
24	INSULATOR, TRANSFORMER	1101159180	1101159180	1
25	TRANSFORMER	11096975	11096975	1
26	SCREW, PHILLIPS PAN HEAD 8-32 X 1/4	SP83214	SP83214	2
27	MARKER STRIP #6	MS6016	MS6016	1
28	TERMINAL BLOCK #6, DOUBLE	6016	6016	1
29	SCREW, PAN HEAD PHILLIPS 8-32 X 1/2	SP83212	SP83212	6
30	FUSE HOLDER 1 AMP	MPPF708	MPPF708	1
31	FUSE BUSS 1 AMP	MPPF701R	MPPF701R	1
32	SCREW, PHILLIPS PAN 2-56 X 1/4	SP25614	SP25614	1



33	SCREW, PHILLIPS PAN HEAD 8-32 X 1.0	SP8321	SP8321	1
34	WASHER, INTERNAL TOOTH LOCK #8	WLIT8	WLIT8	3
35	NUT, HEX 8-32	NH832	NH832	3
36	WASHER SAE #8	WSAE8	WSAE8	4
37	BUSHING FLANGED, TEFLON .500"	110115563	110115563	4
38	HANDLE LEFT ASSEMBLY	11018344027	11018344027	1
39	HANDLE RIGHT ASSEMBLY	11018344026	11018344026	1
40	HANDLE GRIP	110901168	110901168	2
41	CLEVIS ASSEMBLY LEFT HAND	11018344013	11018344013	1
42	CLEVIS ASSEMBLY RIGHT HAND	11018344012	11018344012	1
43	5/16 WASHER CUT	WC516	WC516	6
44	WASHER, 5/16" SPLIT LOCK	WL516	WL516	10
45	SCREW, SOCKET HD 5/16-18 X 3/4"	SSH5161834	SSH5161834	6
46	SHIM, COVER	11018344014	11018344014	2
47	SPACER, LINK	11018344024	11018344024	2
48	LEVELING BRACKET	11018344023	11018344023	2
49	WASHER LOCK INTERNAL TOOTH 5/16	WLIT516	WLIT516	4
50	BUSHING, TEFLON, 3/4 I.D. X .875 X 1" LONG	110115541	110115541	4
51	5/16 - 18 x 1 SS., BOLT HEX HEAD	BH516181S	BH516181S	4
52	E-CLIP, RETAINING RING	LCC3478	LCC3478	4
53	COVER, REAR	11018344016	11018344016	1
54	GREASE TRAY ASSY	11018344005	11018344005	1
55	DIGITAL CONTROL	110171433052	110171433052	1
56	WASHER, STEEL .311 O.D. X .150 I.D.	311150019	311150019	4
57	NYLON SPACER 1/4 X .141 X 9/32	11090109	11090109	4
58	WASHER, INTERNAL TOOTH LOCK #6	WLIT6	WLIT6	4
59	NUT, HEX 6-32	NH632	NH632	4
60	STRAIN RELIEF	1106546468	1106546468	1
61	UPPER PLATEN, INSULATION	11018344074C1	11018344074C1	2
62	TOP SHROUD	11019344010	11019344010	1
63	SCREW, PAN HEAD PHILLIPS 8-32 X 3/8 SS	SP83238S	SP83238S	12
64	TOP LINK	11018344017	11018344017	2
65	PIN, PIVOT FRONT	11017088865	11017088865	2
66	SCREW, SET KNURKED CUP POINT 5/16-18 X 3/8	SST5161838KN	SST5161838KN	12
67	RING RETAINING 3/8	11017088867	11017088867	8

68	PLUNGER ASSEMBLY	110115544	110115544	2
69	SPRING, DETENT	110115555	110115555	2
70	TUBING-PAD	110115531	110115531	2
71	SCREW, SET 3/8-16 x 1.00	SST38161	SST38161	2
72	SCREW, SET 3/8-16 X 1/2	SST381612	SST381612	4
73	COLLAR CAM	110115530	110115530	2
74	HANDLE SPRING ADJUSTING COLLAR	110115528	110115528	2
75	COUNTER BALANCE SPRING RIGHT HAND	1101023154R	1101023154R	1
76	COUNTER BALANCE SPRING LEFT HAND	1101023154L	1101023154L	1
77	RTD, TOP SENSOR	1108881101	1108881101	1
78	PIN, LEVELER REAR	11018344048	11018344048	2
79	MANUAL CSD1212	MCSD1212A	MCSD1212DTA	1
A1	LOWER PLATEN WITH WIRING ONLY	11018344032120K	11018344032120K	1
A2	LOWER PLATEN ASSEMBLY COMPLETE	11018344032120AK	11018344032120AK	1
A3	UPPER PLATEN WITH WIRING ONLY	11019344074120K	11019344074120K	1
A4	UPPER PLATEN ASSEMBLY COMPLETE	11019344074120AK	11019344074120AK	1
A5	KITTED, CONTROLLER DIGITAL	110171433052K	110171433052K	1

## Warranty & Return Policy

Proluxe warrants all products manufactured by it against defects in workmanship or materials from the date of purchase for a period of 1 year on parts and labor. This warranty applies to only equipment purchased and used in the United States.

Warranty period shall begin when equipment ships. Warranty travel will only be covered for 60 miles.

ALL WARRANTY SERVICE CALLS MUST BE APPROVED BY PROLUXE. IF THIS PROCEDURE IS NOT FOLLOWED, WARRANTY SERVICE WILL NOT BE COVERED. WARRANTY SERVICE WILL BE PAID ON STRAIGHT TIME, OVERTIME WILL NOT BE COVERED.

### Service Calls

Contact our factory to obtain warranty service. Proluxe must issue a return authorization number, and call tag, or find the name and location of a Factory Authorized Service Center nearest you. When calling for service, please furnish the model number, serial number, and a description of the problem.

### EXCLUSIONS

The warranties provided by Proluxe DO NOT apply to the following:

- Damage due to misuse, abuse, alteration, or accident.
- Improper or unauthorized repairs.
- Submerged in water.

- Damaged in shipment.
- Equipment exported to foreign countries.

### Special Order Equipment and Accessories

Cannot be canceled and are not returnable unless defective within the terms of this warranty.

In no event shall Proluxe be liable for consequential damages arising out of the failure of any of its products if operated improperly or caused by normal wear or damaged by operator abuse.

### Limited Lifetime Warranty on Heating Elements

If replacement is needed, Proluxe will send the new part at no charge but labor will not be covered unless the unit is still under the 1 year manufacturer warranty.

### RETURNED MERCHANDISE POLICY

Should it become necessary to return any of the company's products, the following instructions must be adhered to: First, contact our customer service department for approval and a return authorization number. Please have the serial number of your item available at that time. All merchandise must be shipped freight prepaid by customer or service agency. Subject to the inspection of the product by the company, a restocking charge of 20% of the Net purchased price paid to Proluxe will be assessed.

Merchandise may not be returned for credit without prior written approval of Proluxe.

Collect shipments will not be accepted. No returns after 60 days of original shipment date on machines. Purchased parts may not be returned after 30 days. If upon inspection by Proluxe or its authorized agent it is determined the equipment has not been used in an appropriate manner, has been modified, or has not been properly maintained, or has been subject to misuse, misapplication, neglect, abuse, accident, unauthorized modification, damage during transit, delivery, fire, flood, act or war, riot or act of God, then this warranty shall be deemed null and void.

## TERMS & CONDITIONS

1. Price List prices are suggested retail prices and are shown in U.S. Dollars.

2. Terms of Payment: 1% 10 days, NET 30 days.

3. New Accounts: Satisfactory credit information must be provided before open account status can be extended.

Unless agreed otherwise, all shipments will be made C.O.D., Cash in advance.

4. Pricing: Prices, specifications, model numbers, capacities and accessories are subject to change without notice.

5. Freight/Routing: Method of shipment will be determined by Proluxe unless otherwise advised by purchaser.

6. Damaged Claims: All merchandise shipped at purchaser's risk. Inspection must be made by purchaser at time goods are received. If goods are damaged, the PURCHASER shall request that the agent of the transportation company make a written notation on the proper shipping documents immediately and then file a claim for damages.

*Note: Goods damaged in shipping are non-returnable.*

7. Returns: Machines may not be returned after 60 days. Purchased parts may not be returned after 30 days. A restocking fee of 20% will be assessed on non-warranty returns.

8. Taxes: Prices indicated herein DO NOT include State, Federal, Local or foreign taxes or duties, nor do they include fees, permits, insurance or other levies, all of which are the responsibility of the purchaser.

9. All orders are subject to acceptance by Proluxe.

10. Possession of this price list shall not be considered an offer to sell