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# 3CS SANITIZING SINK HEATER BALANCED THREE PHASE



3CS-9 with optional temperature monitor

Maintaining a continuous supply of sanitizing rinse water without taking up valuable space, the 3CS makes manual warewashing faster and more convenient.

Designed to fit under the sink, the 3CS is perfect for three or four compartment sinks, pot, pan and bar sinks.

Drain may also be plumbed to open-sight waste drain.

A special 3CS Sink Heater is also available by special order for shipboard use under military spec. MiL-H-43895B. Contact us for more details.

## SIZING INFORMATION

For a Sink Heater: 2000 WATTS PER SQUARE FOOT of vessel top.

3CS Sink Heaters are sized based on 140°F (60°C) supply water with a 30 minute preheat period to reach the sanitizing temperature. Sink Heaters are mounted into the third compartment sink with standard plumbing fittings provided. Two 51 mm diameter holes are required for these fittings and a full size template is provided to locate holes in the sink. The 3CS Sink Heater is easily attached to the plumbing fittings with self-contained unions.

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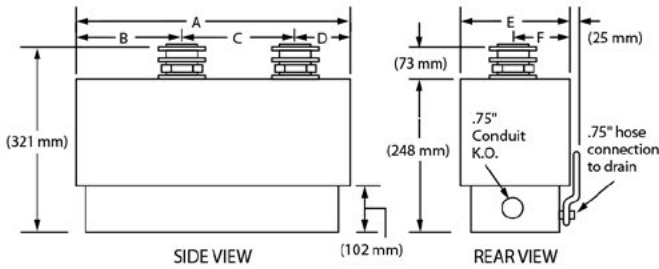
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## 3CS SANITIZING SINK HEATERS

Models 3CS-3, 3CS-4, 3CS-6, 3CS-9, 3CS-3B, 3CS-4B, 3CS-6B, 3CS-9B



### DIMENSIONS W x D x H

Single or 3-Phase: 171 x 429 x 321 mm.  
Balanced 3-Phase: 203 x 435 x 321 mm.  
3CS-9 480V model: 203 x 435 x 321 mm.

Model	A	B	C	D	E	F
1- or 3-phase	429 mm	140 mm	216 mm	73 mm	171 mm	86 mm
Bal. 3-phase	435 mm	117 mm	216 mm	102 mm	203 mm	102 mm

### SPECIFICATIONS

Model	kW	Phase	Sink Area	Shipping Weight
3CS-3	3.0	1	15" (381 mm) Sq. or less	24 lbs. (11 kg)
3CS-4	4.5	1	16"-18" (406-457 mm) Sq.	24 lbs. (11 kg)
3CS-6	6.0	1 or 3*	19"-21" (483-533 mm) Sq.	27 lbs. (12 kg)
3CS-9	9.0	1 or 3*	21"-25" (533-635 mm) Sq.	27 lbs. (12 kg)
3CS-3B†	3.0	3	15" (381 mm) Sq. or less	30 lbs. (14 kg)
3CS-4B†	4.5	3	16"-18" (406-457 mm) Sq.	30 lbs. (14 kg)
3CS-6B†	6.0	3	19"-21" (483-533 mm) Sq.	30 lbs. (14 kg)
3CS-9B†	9.0	3	21"-25" (533-635 mm) Sq.	30 lbs. (14 kg)

\* Open delta on 3-phase. Larger circuit required than for balanced 3-phase of equal kW.  
† Balanced 3-phase.

### SIZING INFORMATION

For a Sink Heater: 2000 watts per sq. ft. (2.2 watts per sq. cm) of vessel top.

3CS Sink Heaters are sized based on 140°F (60°C) supply water with a 30-minute preheat period to reach the sanitizing temperature. Sink Heaters are mounted in the center of the third compartment sink with standard plumbing fittings provided. Two 2" (51 mm) diameter holes are required for these fittings and a full-size template is provided to locate holes in the sink. The 3CS Sink Heater is easily attached to the plumbing fittings with self-contained unions.

### VOLTAGE

208 or 240 volts, 50/60 Hz standard. 480 volts and CSA wiring for Canada available.  
Export voltages available.

### ELECTRICAL RATINGS

208 Volts kW Rating	Phase	Amps	Wire Size AWG	Fuse or Circuit Breaker
3.0	1	14.5	12	20
4.5	1	22	10	30
6.0	1	29	8	40
6.0	3*	25	8	40
6.8	3 (Bal.)	18.8	10	30
9.0	1	43	4	60
9.0	3*	37	6	50
9.0	3 (Bal.)	25	10	40

240 Volts kW Rating	Phase	Amps	Wire Size AWG	Fuse or Circuit Breaker
3.0	1	12.5	12	20
4.5	1	19	10	30
6.0	1	25	8	40
6.0	3*	22	10	30
6.0	3 (Bal.)	14.4	12	20
9.0	1	38	6	50
9.0	3*	33	8	40
9.0	3 (Bal.)	22	10	30

480 Volts kW Rating	Phase	Amps	Wire Size AWG	Fuse or Circuit Breaker
3.0	1	6.3	14	15
4.5	1	9.4	14	15
6.0	1	12.5	12	20
6.0	3*	10.8	14	15
6.0	3 (Bal.)	7.2	14	15
9.0	1	18.8	10	30
9.0	3*	16.2	12	20
9.0	3 (Bal.)	10.8	14	15

\* Open Delta – standard construction (Amperage higher than balanced 3-phase).

### OPTIONS (NOT FOR RETROFIT)

- Stainless Steel Body and Base
- Temperature Monitor (Not available with Light)
- Temperature Light (Not available with Monitor)
- Wiring to CSA Specifications (Canada only)

- Shipboard use
- Security Package

### ACCESSORIES

- Flush Hose Kit