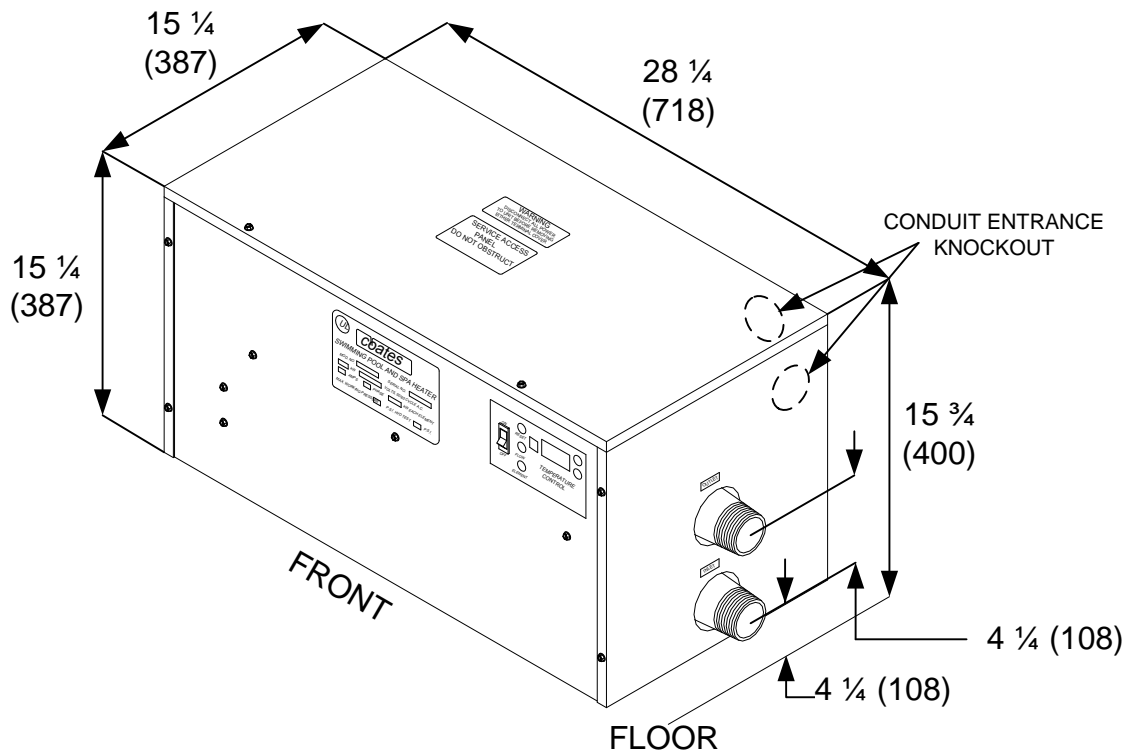




COATES HEATER CO. INC.  
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 Phone (253) 872-7256  
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# PHS-CN

The Coates model PHS-CN heaters are designed for pools and spas that use chlorine generators as their sanitizing systems. The Copper-Nickel tank and Titanium heating elements offer increased corrosion resistance in pool and spa water with a maximum salt concentration of 3500ppm.



### MINIMUM CLEARANCES

Front	Back	Left	Right	Top
36**	6	18	*Plumbing	18
(914)	(152)	(457)		(457)

\*Required clearance is based on plumbing configuration used.

\*\* Refer to NEC Table 110.26 (A)(1)

Dimensions: Inches (mm)

- INLET/OUTLET 2" (50mm) NPT
- MINIMUM FLOW RATE 20 GPM
- MAXIMUM FLOW RATE 80 GPM

### 240V Single Phase

MODEL	PHASE	VOLTS	kW	AMPS	BREAKER	WIRE/ 75°C	SHIP WT.
12412PHS-CN	1	240	12	50	70	#4	81 lbs. (20.9 kg)
12415PHS-CN	1	240	15	63	80	#4	81 lbs. (20.9 kg)
12418PHS-CN	1	240	18	75	100	#3	82 lbs. (21.3 kg)
12424PHS-CN	1	240	24	100	125	#1	90 lbs. (31.7 kg)
12430PHS-CN	1	240	30	125	175	2/0	90 lbs. (31.7kg)
12436PHS-CN	1	240	36	150	200	3/0	100 lbs. (42.6 kg)
12445PHS-CN	1	240	45	188	250	250	100 lbs. (42.6 kg)
12454PHS-CN	1	240	54	225	300	300	107 lbs. (46.3 kg)
12457PHS-CN	1	240	57	238	300	350	107 lbs. (46.3 kg)

### 208V Three Phase

MODEL	PHASE	VOLTS	kW	AMPS	BREAKER	WIRE/ 75°C	SHIP WT.
32012PHS-CN	3	208	12	34	45	#8	79 lbs. (20 kg)
32015PHS-CN	3	208	15	42	60	#6	79 lbs. (20 kg)
32018PHS-CN	3	208	18	50	70	#6	81 lbs. (20.9 kg)
32024PHS-CN	3	208	24	67	90	#4	90 lbs. (31.7 kg)
32030PHS-CN	3	208	30	84	110	#4	90 lbs. (31.7 kg)
32036PHS-CN	3	208	36	100	125	#1	96 lbs. (41.3 kg)
32045PHS-CN	3	208	45	125	175	2/0	96 lbs. (41.3 kg)
32054PHS-CN	3	208	54	150	200	3/0	100 lbs. (43.1 kg)
32057PHS-CN	3	208	57	159	200	3/0	100 lbs. (43.1 kg)

### 480V Three Phase

MODEL	PHASE	VOLTS	kW	AMPS	BREAKER	WIRE/ 75°C	SHIP WT.
34812PHS-CN	3	480	12	15	20	#12	82 lbs. (21.3 kg)
34815PHS-CN	3	480	15	19	25	#10	82 lbs. (21.3 kg)
34818PHS-CN	3	480	18	22	30	#10	82 lbs. (21.3 kg)
34824PHS-CN	3	480	24	29	40	#8	88 lbs. (30.4 kg)
34830PHS-CN	3	480	30	37	50	#8	88 lbs. (30.4 kg)
34836PHS-CN	3	480	36	44	60	#6	90 lbs. (38.6 kg)
34845PHS-CN	3	480	45	55	70	#6	92 lbs. (39.9 kg)
34854PHS-CN	3	480	54	66	90	#4	95 lbs. (40.8 kg)
34857PHS-CN	3	480	57	69	90	#3	95 lbs. (40.8 kg)