



## EXPORT MODEL HEATERS

Coates has been the name to trust for quality and reliability in water heating equipment since the 1940's and continues to lead the industry in quality and performance across our entire line of swimming pool products.

The Export model heaters are available from 12kW to 180kW and most can be ordered in single or three phase models. For large commercial applications we also offer heaters up to 300kW.

Please refer to the [Sizing Guide](#) for help choosing the correct heater for your application.

<b>CE Series</b>	12kW to 18kW	Large spas or small residential pools.
<b>CPH Series</b>	24kW to 30kW	Residential pools and small indoor commercial pools.
<b>PHS Series</b>	36kW to 72kW	Large pools and cold weather applications.
<b>PHS-6 Series</b>	75kW to 105kW	Commercial Pool Applications
<b>PHS-10 Series</b>	105kW to 180kW	Commercial Pool Applications
<b>PHS-20 Series</b>	180kW to 300kW	For commercial applications which require 180kW - 300kW

# 12kw-18kw

These medium capacity pool and spa heaters feature a built-in flow switch to prevent operation when there is no water flow and allow operation at flow rates between 75LPM and 300LPM.

For applications inside the U.S. please reference our [domestic models](#)



## STANDARD FEATURES:

- > Incoloy heating elements
- > Digital thermostat
- > Manual reset high temp limit
- > Flow switch
- > 1-1/2" male NPT connections
- > Stainless steel tank
- > Heavy duty contactors
- > Element, flow and high temp "on" lights

## TECHNICAL DATA:

CE: 483mm L x 260mm W  
 x 279mm H (20.4kg)  
 19"L x 10"W x 11"H (47 lbs.)  
**Min. Flow Rate: 20 GPM**  
**Max Flow Rate: 80 GPM**

### 220V THREE PHASE

KW	Model Number	AMPS
12	32212CE-E	31
15	32215CE-E	39
18	32218CE-E	47

### 380V THREE PHASE

KW	Model Number	AMPS
12	33812CE-E	18
15	33815CE-E	23
18	33818CE-E	27

### 415V THREE PHASE

KW	Model Number	AMPS
12	34112CE-E	17
15	34115CE-E	21
18	34118CE-E	25



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# 36kw-72kw

These medium capacity pool and spa heaters feature a built-in flow switch to prevent operation when there is no water flow and allow operation at flow rates between 75LPM and 300LPM.

For applications inside the U.S. please reference our [domestic models](#)



## STANDARD FEATURES:

- > Incoloy heating elements
- > Digital thermostat
- > Manual reset high temp limit
- > Flow switch
- > 2" male NPT connections
- > Stainless steel tank
- > Heavy duty contactors
- > Element, flow and high temp "on" lights

## TECHNICAL DATA:

PHS: 718mm L x 387mm W  
x 387mm H (45.4kg)  
28"L x 15"W x 15"H (100 lbs.)  
**Min. Flow Rate: 20 GPM**  
**Max Flow Rate: 80 GPM**

### 220V THREE PHASE

KW	Model Number	AMPS
36	32236PHS-E	94
45	32245PHS-E	118
54	32254PHS-E	142
57	32257PHS-E	150
60	32260PHS-E	157
72	32272PHS-E	189

### 380V THREE PHASE

KW	Model Number	AMPS
36	33836PHS-E	55
45	33845PHS-E	68
54	33854PHS-E	82
57	33857PHS-E	87
60	33860PHS-E	91
72	33872PHS-E	109

### 415V THREE PHASE

KW	Model Number	AMPS
36	34136PHS-E	50
45	34145PHS-E	63
54	34154PHS-E	75
57	34157PHS-E	79
60	34160PHS-E	83
72	34172PHS-E	100



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# 75kw-105kw

These large capacity pool and spa heaters feature a built-in flow switch to prevent operation when there is no water flow and allow operation at flow rates between 115LPM and 300LPM.

For applications inside the U.S. please reference our [domestic models](#)



## STANDARD FEATURES:

- > Incoloy heating elements
- > Digital thermostat
- > Manual reset high temp limit
- > Flow switch
- > 2" (50mm) male NPT connections
- > Stainless steel tank
- > Heavy duty contactors
- > Element, flow and high temp "on" lights

## TECHNICAL DATA:

PHS6: 718mm L x 387mm W x 387mm H (46.7 kg)  
 28"L x 15"W x 15"H (103 lbs.)  
**Min. Flow Rate: 30 GPM**  
**Max Flow Rate: 80 GPM**

### 220V THREE PHASE

KW	Model Number	AMPS
75	32275PHS-6	197
90	32290PHS-6	238
105	322105PHS-6	278

### 380V THREE PHASE

KW	Model Number	AMPS
75	33875PHS-6	114
90	33890PHS-6	137
105	338105PHS-6	160

### 415V THREE PHASE

KW	Model Number	AMPS
75	34175PHS-6	104
90	34190PHS-6	125
105	341105PHS-6	148



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# 105kw-180kw

These large capacity pool and spa heaters feature a built-in flow switch to prevent operation when there is no water flow and allow operation at flow rates between 280LPM and 600LPM.

For applications inside the U.S. please reference our [domestic models](#)



## STANDARD FEATURES:

- > Incoloy heating elements
- > Digital thermostat
- > Manual reset high temp limit
- > Flow switch
- > 3" (76mm) male NPT connections
- > Stainless steel tank
- > Heavy duty contactors
- > Element, flow and high temp "on" lights

## TECHNICAL DATA:

PHS6: 762mm L x 610mm W  
x 559mm H (113.4kg)  
30"L x 24"W x 22"H (250 lbs.)  
Min. Flow Rate: 75 GPM  
Max Flow Rate: 175 GPM

### 220V THREE PHASE

KW	Model Number	AMPS
120	322120PHS-10	315
135	322135PHS-10	354
150	322150PHS-10	394
165	322165PHS-10	433
180	322180PHS-10	472

### 380V THREE PHASE

KW	Model Number	AMPS
120	338120PHS-10	182
135	338135PHS-10	205
150	338150PHS-10	228
165	338165PHS-10	251
180	338180PHS-10	273

### 415V THREE PHASE

KW	Model Number	AMPS
120	341120PHS-10	167
135	341135PHS-10	188
150	341150PHS-10	209
165	341165PHS-10	230
180	341180PHS-10	250



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