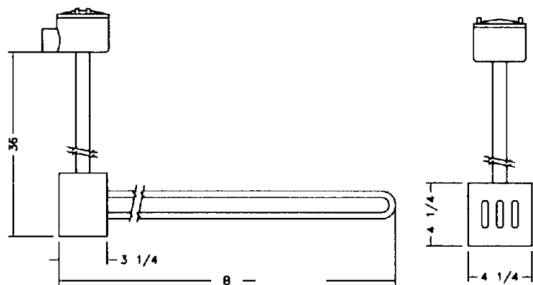




# OVER THE SIDE IMMERSION HEATERS



Straight

| kw   | immersed length B dim. | cat. no. straight | net weight (lb) |
|------|------------------------|-------------------|-----------------|
| 1.00 | 9 3/4                  | SHO-3010          | 11              |
| 1.25 | 12 3/4                 | SHO-3012          | 12              |
| 1.50 | 14 3/4                 | SHO-3015          | 13              |
| 2.00 | 21 1/4                 | SHO-3020          | 14              |
| 2.50 | 22 1/4                 | SHO-3025          | 15              |
| 3.00 | 28 1/4                 | SHO-3030          | 16              |
| 3.50 | 31 1/4                 | SHO-3035          | 17              |
| 4.00 | 35 1/2                 | SHO-3040          | 18              |
| 5.00 | 42 5/8                 | SHO-3050          | 19              |
| 6.00 | 50 1/2                 | SHO-3060          | 20              |
| 7.00 | 57 1/4                 | SHO-3070          | 21              |

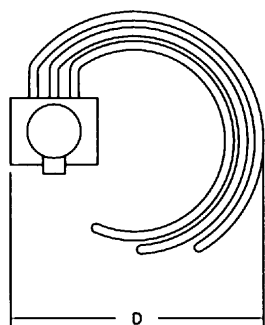
| kw   | immersed diameter D dim. | cat. no. circular | net weight (lb) |
|------|--------------------------|-------------------|-----------------|
| 2.00 | 15                       | CSHO-3020         | 14              |
| 2.50 | 16                       | CSHO-3025         | 15              |
| 3.00 | 17                       | CSHO-3030         | 16              |
| 3.50 | 18                       | CSHO-3035         | 17              |
| 4.00 | 19                       | CSHO-3040         | 18              |
| 5.00 | 20                       | CSHO-3050         | 19              |
| 6.00 | 22                       | CSHO-3060         | 20              |
| 7.00 | 23                       | CSHO-3070         | 21              |

**FEATURES:**

vertical riser is un-heated  
 moisture resistant terminal box  
 25 watts/in<sup>2</sup>  
 3 steel elements  
 up to 600 volts, 1 or 3 phase

**TYPICALLY TO HEAT:**

oil



Circular

| kw   | immersed length B dim. | cat. no. straight | net weight (lb) |
|------|------------------------|-------------------|-----------------|
| 1.00 | 9 3/4                  | SHA-3010          | 11              |
| 1.25 | 12 3/4                 | SHA-3012          | 12              |
| 1.50 | 14 3/4                 | SHA-3015          | 13              |
| 2.00 | 21 1/4                 | SHA-3020          | 14              |
| 2.50 | 22 1/4                 | SHA-3025          | 15              |
| 3.00 | 28 1/4                 | SHA-3030          | 16              |
| 3.50 | 31 1/4                 | SHA-3035          | 17              |
| 4.00 | 35 1/2                 | SHA-3040          | 18              |
| 5.00 | 42 5/8                 | SHA-3050          | 19              |
| 6.00 | 50 1/2                 | SHA-3060          | 20              |
| 7.00 | 57 1/4                 | SHA-3070          | 21              |

| kw   | immersed diameter D dim. | cat. no. circular | net weight (lb) |
|------|--------------------------|-------------------|-----------------|
| 2.00 | 15                       | CSHA-3020         | 14              |
| 2.50 | 16                       | CSHA-3025         | 15              |
| 3.00 | 17                       | CSHA-3030         | 16              |
| 3.50 | 18                       | CSHA-3035         | 17              |
| 4.00 | 19                       | CSHA-3040         | 18              |
| 5.00 | 20                       | CSHA-3050         | 19              |
| 6.00 | 22                       | CSHA-3060         | 20              |
| 7.00 | 23                       | CSHA-3070         | 21              |

**FEATURES:**

vertical riser is un-heated  
 moisture resistant terminal box  
 25 watts/in<sup>2</sup>  
 3 Incoloy elements  
 up to 600 volts, 1 or 3 phase

**TYPICALLY TO HEAT:**

oil, water, wax  
 alkaline solutions  
 vapour degreasers  
 trichlorethylene  
 mild caustic soda

**OPTIONAL THERMOSTATS**

| Electrical Ratings     |
|------------------------|
| DPST, 240 vac, 25 amps |
| TPST, 600 vac, 15 amps |

| Temperature Ratings         |
|-----------------------------|
| -18 to 40°C (0 to 10°F)     |
| 10 to 120°C (50 to 250°F)   |
| 70 to 280°C (160 to 540°F)  |
| 160 to 370°C (320 to 700°F) |

box

**OPTIONAL FEATURES:**

custom riser lengths  
 explosion resistant terminal  
 thermostat  
 sludge legs

(specify voltage when ordering)  
 (specify 1 or 3 phase when ordering)

## WEST HEAT INDUSTRIES LTD

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ELECTRICAL HEATING DIVISION

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