

## CIP WATER HEATING HEAT EXCHANGERS



Sepak Industries' stainless steel corrugated (or spiral) tube heat exchangers are designed to give higher heat transfer rates compared to smooth tube heat exchangers.

### BENEFITS

- Compact size, high efficiency.
- Low maintenance cost.
- No steam pressure reducer needed, the units are designed for up to 10 bar.
- Expansion joint allows thermo expansion and contraction.
- Stainless steel grade 316 inner tubes and Stainless Steel 304 outer shell.
- Versatile and durable.

### MODEL: K13-104/18-1.5-316/304-H:

DIMENSIONS                      1500mm long x 104mm outer diameter  
 Tank Water volume            5000  
 Start and End Temp. °C        15 to 85  
 Steam Pressure (Bar g)        7 Bar Gauge

Circulation rate (L/Hr.)	Heating time (Min.)	Steam Flow rate (kg/Hr.)	Boiler Capacity required (kW)	HX Excess Capacity (%)
5000	70	153	88	366
10000	52	306	175	168
15000	47	458	263	85
20000	45	611	350	39
25000	44	764	438	11

### MODEL: K19-129/18-1.5-316/304-H:

DIMENSIONS                      1500mm long x 129mm outer diameter  
 Tank Water volume            10000  
 Start and End Temp. °C        15 to 85  
 Steam Pressure (Bar g)        7 Bar Gauge

Circulation rate (L/Hr.)	Heating time (Min.)	Steam Flow rate (kg/Hr.)	Boiler Capacity required (kW)	HX Excess Capacity (%)
15000	107	458	263	162
25000	95	764	438	63
30000	93	917	526	36
35000	91	1070	613	16
40000	90	1222	700	1.2

The dimensions and specifications are approximate only and may change without notice.

**SEPAK**

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Please contact your local agent

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