

### Stainless Steel Shell & Tube Heat Exchangers

Model	* Capacity (BTU/Hr)		Shell Width		Unit Length		Tube-side Ports	Shell-side Ports	Surface Area	
	Heating	Cooling	(mm)	(in)	(mm)	(in)	(in)	(in)	m <sup>2</sup>	ft <sup>2</sup>
SCTS0012	55,000	12,000	60	2.4	360	14.2	3/4	1	0.15	1.61
SCTS0014-B	55,000	14,000								
<b>SCTS0018</b>	<b>85,000</b>	<b>18,000</b>	<b>60</b>	<b>2.4</b>	<b>520</b>	<b>20.5</b>	<b>3/4</b>	<b>1</b>	<b>0.25</b>	<b>2.69</b>
SCTS0021-B	85,000	21,000								
<b>SCTS0033</b>	<b>155,000</b>	<b>33,000</b>	<b>76</b>	<b>3.0</b>	<b>450</b>	<b>17.7</b>	<b>1</b>	<b>1-1/2</b>	<b>0.33</b>	<b>3.55</b>
SCTS0039-B	155,000	39,000								
<b>SCTS0045</b>	<b>210,000</b>	<b>45,000</b>	<b>76</b>	<b>3.0</b>	<b>570</b>	<b>22.4</b>	<b>1-1/2</b>	<b>1-1/2</b>	<b>0.44</b>	<b>4.74</b>
SCTS0052-B	210,000	52,000								
<b>SCTS0064</b>	<b>300,000</b>	<b>64,000</b>	<b>76</b>	<b>3.0</b>	<b>780</b>	<b>30.7</b>	<b>1-1/2</b>	<b>2</b>	<b>0.64</b>	<b>6.89</b>
SCTS0075-B	300,000	75,000								
<b>SCTS0077</b>	<b>360,000</b>	<b>77,000</b>	<b>89</b>	<b>3.5</b>	<b>830</b>	<b>32.7</b>	<b>1-1/2</b>	<b>2</b>	<b>0.85</b>	<b>9.15</b>
SCTS0090-B	360,000	90,000								
<b>SCTS0128</b>	<b>600,000</b>	<b>128,000</b>	<b>114</b>	<b>4.5</b>	<b>900</b>	<b>35.4</b>	<b>2</b>	<b>2-1/2</b>	<b>1.55</b>	<b>16.68</b>
SCTS0150-B	600,000	150,000								
<b>SCTS0257</b>	<b>1,200,000</b>	<b>257,000</b>	<b>133</b>	<b>5.2</b>	<b>900</b>	<b>35.4</b>	<b>2</b>	<b>2-1/2</b>	<b>2.01</b>	<b>21.64</b>
SCTS0300-B	1,200,000	300,000								
<b>SCTS0514</b>	<b>2,400,000</b>	<b>514,000</b>	<b>168</b>	<b>6.6</b>	<b>950</b>	<b>37.4</b>	<b>2</b>	<b>4</b>	<b>4.47</b>	<b>48.11</b>
SCTS0600-B	2,400,000	600,000								

\* Capacity estimates based on heating and cooling temperature differentials (dT) of 120-140F, and 25-30F respectively.