



# Burnovate Energy Systems Pvt. Ltd.

STEP Office, IIT Kharagpur  
Kharagpur; West Medinipur, West Bengal - 721302

## Single Pass Shell & Tube Heat Exchanger Details

Model	Shell dia.(inch)	Shell Length (m)	Tube diameter, outer diameter (mm)
BSSTHE1	4"	1.2	13.7 mm, 21.34 mm, 26.7 mm, 33.4 mm
BSSTHE2	6"	1.2	
BSSTHE3	8"	1.2	
BSSTHE4	10"	1.5	
BSSTHE5	12"	1.5	
BSSTHE6	14"	1.5	
BSSTHE7	16"	1.5	
BSSTHE8	18"	2	
BSSTHE9	20"	2	

Note: Operating Pressure range of Single pass shell & Tube Heat exchanger of shell side operating pressure of 0.6-4 MPa and temperature of -20°C- 600°C.

M.O.C of shell & tubes are: Carbon steel, Stainless steel, Inconel, Aluminium, Brass

Tubes are plain, Corrugated

Emission standards: NA



+91 89420 56450



[pavanis@burnovateenergy.com](mailto:pavanis@burnovateenergy.com)  
[info@burnovateenergy.com](mailto:info@burnovateenergy.com)

*Burnovate Energy Systems Private Limited*

## Two Pass Shell & Tube Heat Exchanger Details

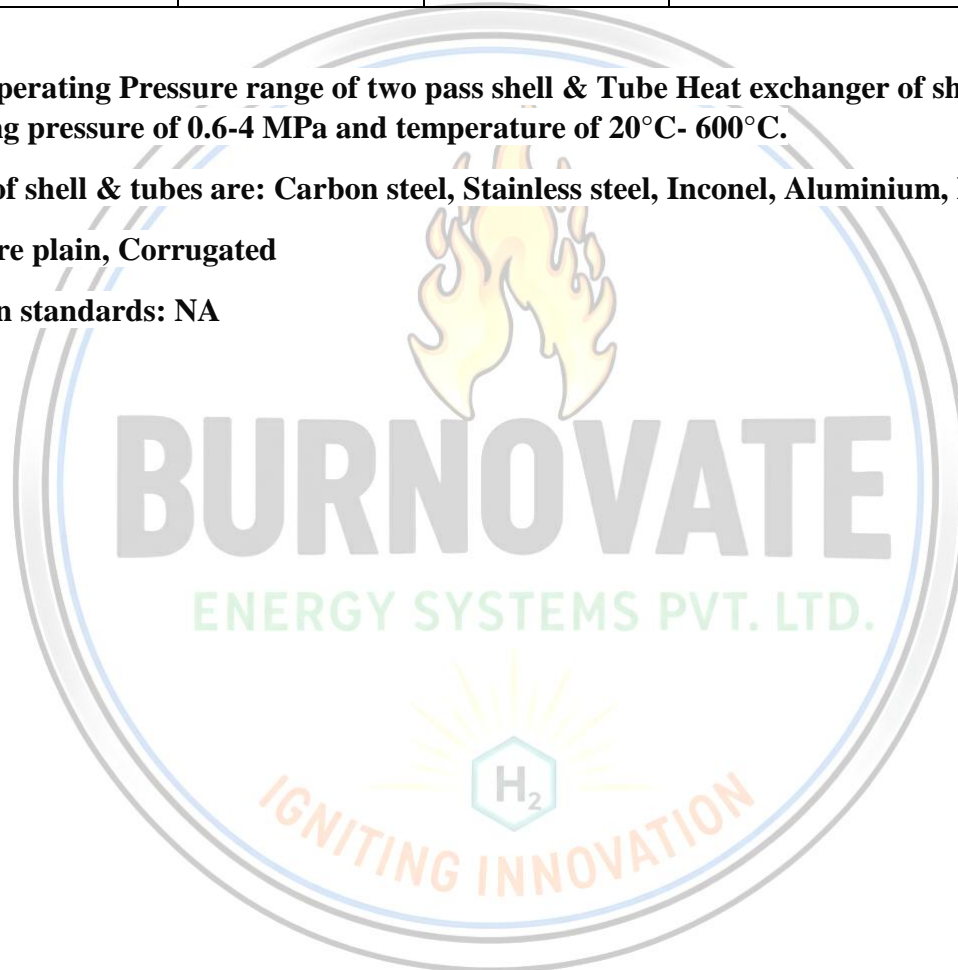
Model	Shell dia.(inch)	Shell Length (m)	Tube diameter, outer diameter (mm)
<b>BDSTHE1</b>	4"	1.2	13.7 mm, 21.34 mm, 26.7 mm, 33.4 mm
<b>BDSTHE2</b>	6"	1.2	
<b>BDSTHE3</b>	8"	1.2	
<b>BDSTHE4</b>	10"	1.5	
<b>BDSTHE5</b>	12"	1.5	
<b>BDSTHE6</b>	14"	1.5	
<b>BDSTHE7</b>	16"	1.5	
<b>BDSTHE8</b>	18"	2	
<b>BDSTHE9</b>	20"	2	

**Note: Operating Pressure range of two pass shell & Tube Heat exchanger of shell side operating pressure of 0.6-4 MPa and temperature of 20°C- 600°C.**

**M.O.C of shell & tubes are: Carbon steel, Stainless steel, Inconel, Aluminium, Brass**

**Tubes are plain, Corrugated**

**Emission standards: NA**



+91 89420 56450



[pavanis@burnovatenergy.com](mailto:pavanis@burnovatenergy.com)  
[info@burnovatenergy.com](mailto:info@burnovatenergy.com)

*Burnovate Energy Systems Private Limited*