



Technical specification information for Carbolite STF tube furnaces

| Model | STF 15/-/180 | STF 15/-/450 | STF 15/-/610 | STF 16/-/180 | STF 16/-/450 | STF 16/-/610 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| Maximum temperature (°C) | 1500 | 1500 | 1500 | 1600 | 1600 | 1600 |
| Tube length (mm) | 600 | 900 | 1200 | 600 | 900 | 1200 |
| Heated length (mm) | 180 | 450 | 610 | 180 | 450 | 610 |
| Tube inside diameter (mm) | 25/50 | 25/50/75 | 25/50/75 | 25/50 | 25/50/75 | 25/50/75 |
| Uniform length (mm - $\pm 5^{\circ}\text{C}$) | - | 350 | 400 | - | 350 | 400 |
| Power rating (kW) | 1.5 | 5.5 | 6.0 | 2.5 | 6.0 | 7.0 |
| Outer measurements excluding tube (h x w x d - mm) | 500/600/375 | 660/830/445 | 660/1130/445 | 500/600/375 | 660/830/445 | 660/1130/445 |
| Heat up time (minutes) | - | 70 | 75 | - | 85 | 100 |
| Thermocouple type | Type R | | | | | |
| Weight (kg) | 29 | 34 | 45 | 29 | 40 | 50 |