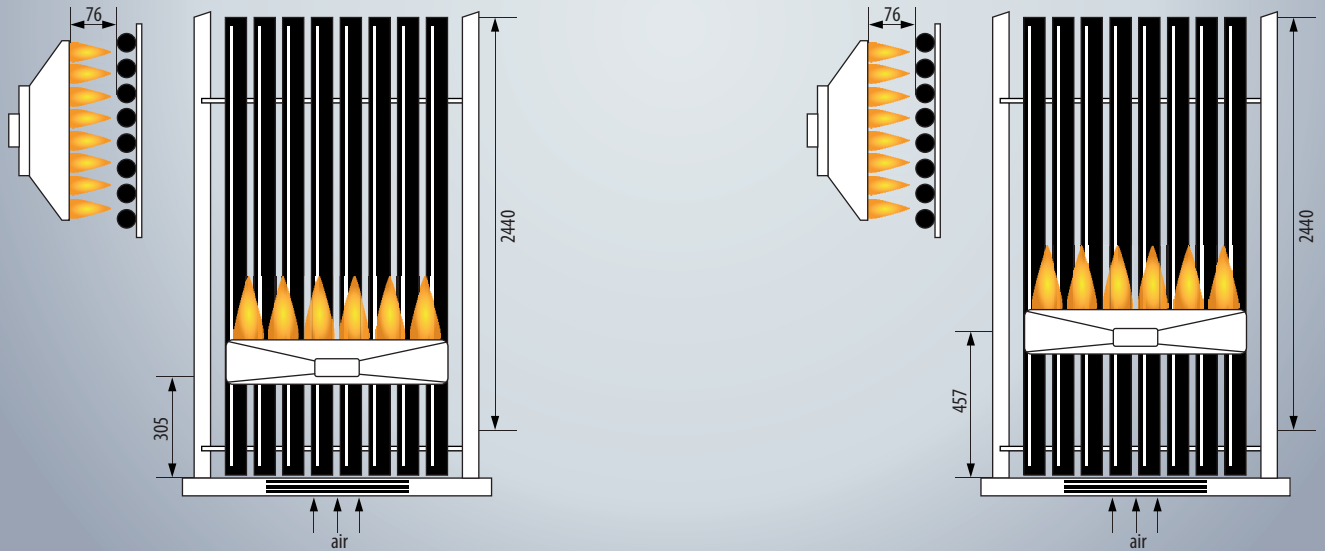


UL Large scale flame tests



UL 1685 FT4 Test / IEEE 1202 – CSA method

- Test set-up :** The cables are fixed in several layers to a ladder (quantity depends on the cable diameter). The length of each specimen is 2.44 m (8 ft). Cables with a diameter < 13 mm may be fixed to the ladder in bunches. The burner is angled 20° from the horizontal.
- Flame temperature :** Determined by the specific volumes of propane and air. The power amounts to 20.5 kW (70,000 Btu/hr).
- Test duration :** 20 minutes (2 test runs)
- Compliance criteria :** The cable damage height shall be less than 1.50 m (4 ft 11 in) when measured from the lower edge of the burner surface.

UL 1685 Vertical Tray Test – UL method

- Test set-up :** One layer of cables is fixed to a ladder (quantity depends on the cable diameter). The length of each specimen is 2.44 m (8 ft).
- Flame temperature :** Determined by the specific volumes of propane and air. The power amounts to 20.5 kW (70,000 Btu/hr).
- Test duration :** 20 minutes (2 test runs)
- Compliance criteria :** The cable damage height shall be less than 2.44 m (8 ft) when measured from the bottom of the cable tray.