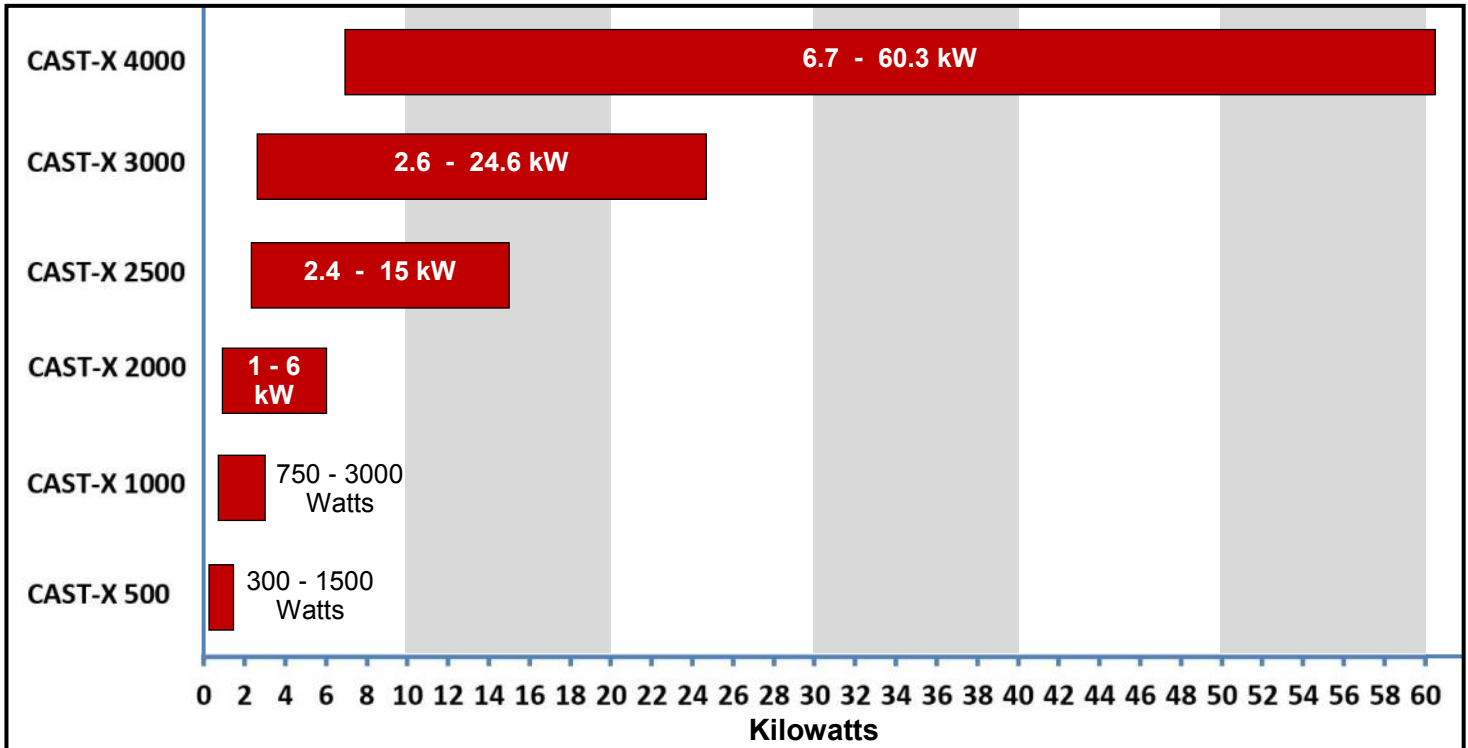
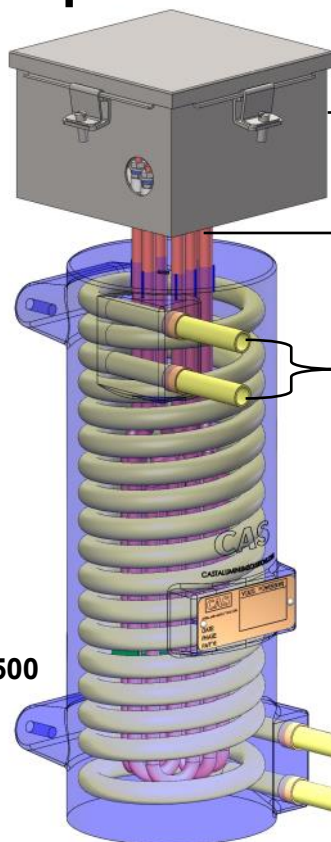


Power Ranges for Standard CAST-X Circulation Heaters



Important Features of CAST-X Circulation Heaters



CAST-X 2500

Power supply, high-limit switch and thermocouple connections are housed in safety-certified electrical enclosures.

CAS offers a variety of moisture-resistant, explosion-proof and general-purpose enclosures, to meet your application's needs.

Heating elements (orange) and flowpath tubes (yellow) are cast into the aluminum body: *the produces excellent heat transfer.*

Standard CAST-X units have Seamless Stainless Steel (316L) flow-tubes. *These are compatible with high-pressure applications.* For example, CAST-X 2500 tubes are rated to 4000 psi / 275 bar. Additional tube materials & coatings are also available.

You can safely heat flammable gases & liquids with CAST-X. (perfect for natural gas, aerospace, petrochemical applications)

Media is isolated in tubes, never touching heating elements.

This design also prevents contamination. (perfect for food, medical, and semiconductor applications)

Also: Tubes are "self-draining" (important safety feature)

Tube Configuration Options: For CAST-X Models with two flowpath tubes there are many options.

Single Tube: Although two tubes are available, only one is utilized. The extra tube acts a spare.

Parallel: Media flows through Tube 1 then through Tube 2, for maximum dwell time and increased Delta-T.

Series: Media flows simultaneously in and out of Tubes 1 & 2, for maximum flow-rate.