

**GENERAL GUIDE FOR SELECTING HEATER TYPES**

**For direct immersion into a liquid**

- Flanged
- Bushing
- Over the side
- Circulation
- Thunderbolts with mounting provisions
- Bottom outlet

**For immersion applications not allowing direct contact with liquid**

- Strips (clamped to the outside)
- Tubulars (clamped to the outside)
- Tubular designed as a radiant heater
- Cast-in
- Pipe insert bushing heater

**For air or other gases in a duct, oven, or pipe**

- Finned strips
- Finned tubulars
- Duct heaters
- Circulation
- Flow through process air heater

**For solids**

- Bands
- Thunderbolt and standard cartridge
- Strips
- Tubulars
- Radiants