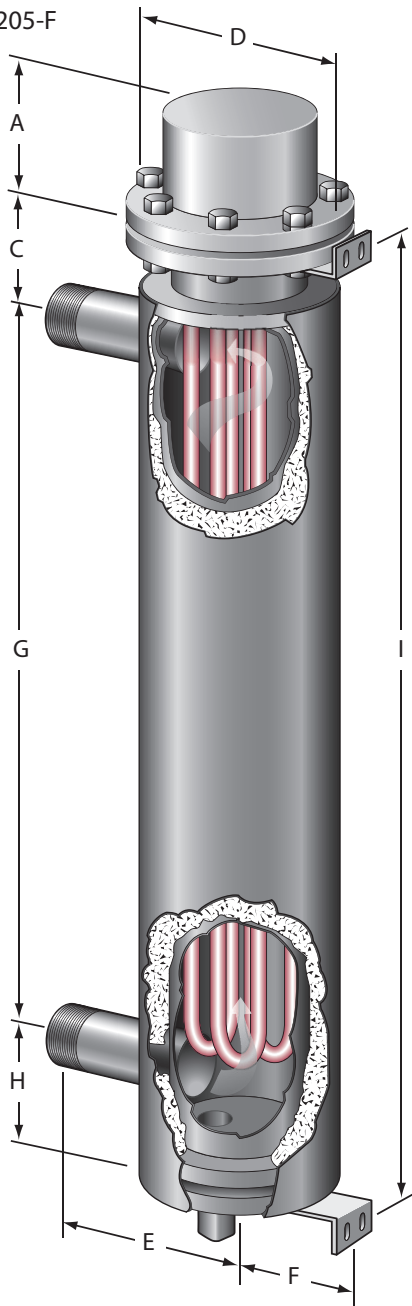


Figure 205-F



Circulation Heaters

A circulation heater is designed to heat liquids or gases as they pass through the unit. Similar to a heat exchanger, except this unit generates its own heat. An electric fired circulation heater covers a broad range of heating applications. A flanged heater is installed into a pipe body and multiple units can be series connected to give you any kilowatt size.

Common features:

Flange Heater

- Typically units shown on pages C1 to C18
- Custom heaters designed for your special requirements
- General Purpose, Moisture Resistant, or Hazardous Location terminal boxes available
- Copper, steel, stainless steel, Incoloy and other specialty sheathed heating elements available

Pipe Body

- Normally mild steel
- Stainless steel vessels available
- Can be vertically or horizontally mounted
- Vessel is insulated and has a painted steel outer casing
- Weather resistant casing also available
- Typically NPT inlet and outlet connections
- Flanged inlet and outlets available
- Overall length approximately 10" longer than the flanged heater

Dimensions are for reference only.

Approval drawings supplied upon request.

Circulation Heater Dimensions

Vessel size	A	C	D	E	F	G	H	I	Inlet/outlet
3"		3 1/2	7 1/2	9 1/4	5 1/2	Immersion heater "B" dim. + C	3 1/2		1" NPT
4"		3 1/2	9	10 1/2	6 1/4		3 1/2	G	1" NPT
5"	4 5/8	4	10	10 3/4	6 3/4		4	+ C	2" NPT
6"		4	11	11 1/2	7 1/4		4	+ H	2" NPT
8"		4 1/4	13 1/2	13 1/4	8 1/2		4 1/4		2 1/2" NPT