



Product Application Quick Reference Guide

Sigma Thermal offers many different types of process heating solutions designed to meet the needs of your particular application. Below you will find a guide detailing our typical product applications for your reference.

This is a list of most common applications, however our products can also be used for a variety of others. If you do not see your particular application, please [contact us](#) for more information.

		PRODUCTS									
		Thermal Fluid Systems	Direct Fired Heaters	Process Bath Heaters	Electric Process Heaters	Biomass Energy Systems	Waste Heat Recovery	Automation Retrofits & Upgrades	Parts	Service	High Pressure Steam Generators
TYPICAL APPLICATIONS	Fuel Gas Conditioning	✓	✓	✓	✓		✓	✓	✓	✓	
	Air Heating	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Regeneration Gas Heating	✓	✓	✓	✓		✓	✓	✓	✓	
	Tank & Suction Heating	✓			✓		✓	✓	✓	✓	
	Ovens & Fryers	✓			✓			✓	✓	✓	
	Molding & Extrusion	✓			✓		✓	✓	✓	✓	
	Viscosity Reduction	✓	✓	✓	✓		✓	✓	✓	✓	
	Freeze Protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Ammonia Heating	✓	✓	✓	✓			✓	✓	✓	
	Steam Superheating	✓	✓		✓			✓	✓	✓	
	Amine & Glycol Reboilers	✓		✓	✓			✓	✓	✓	
	Jacketed Reactor Heating & Cooling	✓			✓		✓	✓	✓	✓	
	Condensate Stabilizers	✓	✓	✓	✓			✓	✓	✓	
	Seal Gas Heating	✓	✓		✓			✓	✓	✓	
	Plant Utility Heating	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Dryers & Kilns	✓			✓	✓	✓	✓	✓	✓	
	Presses	✓			✓	✓	✓	✓	✓	✓	
	Indirect Steam Generators	✓			✓	✓	✓	✓	✓	✓	
	Edible Oil Deodorizers										✓
	Calendar Rolls	✓			✓	✓	✓	✓	✓	✓	