

WATER HEATER SIZING WORKSHEET

Fixture	Description	Demand
Three (3) compartment sink	18" X 18" compartments	14 gallons/compartments
	24" X 24" compartments	25 gallons/compartments
Bar (3) compartment sink		6 gallons/compartments
Hand sinks		5 gallons/compartments
Lavatory or restroom sinks		5 gallons/compartments
Food preparation sink		5 gallons/compartments
Janitorial sink		15 gallons/compartments
Mat washing areas		15 gallons/compartments
Pre-rinse units	Hand spray	45 gallons each
Employee shower		20 gallons/shower
Clothes washers	9 and 12 pound	45 gallons each
	16 pound	60 gallons each

- **Custom 3 compartment sink:**
Length (ft.) x Width (ft.) x Depth (ft.) x 7.5 = gallons of water per compartment

- **Pre-rinse units other than hand spray**
Refer to manufactures specifications

- **Other fixtures that use hot water**
Refer to manufactures specifications for the equipment or NSF® listing

Instantaneous Water Heaters (On- Demand)

Instantaneous water heaters must be sized to provide hot water at a **60 degree rise at 120°F**

Fixture	Demand
Three (3) compartment sink	2 gallons per minute
Bar (3) compartment sink	2 gallons per minute
Hand sinks	1/2 gallons per minute
Lavatory or restroom sinks	1/2 gallons per minute
Food preparation sink	2 gallons per minute
Janitorial sink	2 gallons per minute

NSF® listings are used to determine the minimum gallons per minute (GPM) hot water demand for commercial dishwashers. Refer to the instantaneous water heater unit manual to verify sizing.