



40000 Series

Sizing Point Source Systems

Single Fixture Sizing Suggestions

Use this chart to help size Big Dipper equipment that will service a single fixture. Single fixture Big Dipper equipment is designed to sit on the floor beside the fixture it is servicing. For basement installations or installations where the Big Dipper will be more than 6 feet (1.95 m) beneath the fixture it is servicing Thermaco, Inc. recommends the next larger unit be installed as well as installing the VFCA Vented Flow Control Assembly. Consult a licensed plumber regarding your specific requirements.

Fixture	Description	Compartment Size (in Millimeters)	Pipe Size	l/s Rating	Suggested System
Sink	1-3* Compartments	457 x 457 x 305	50 mm	1.26	W-200-IS-E
Sink	1-4* Compartments	457 x 610 x 381	50 mm	1.6	W-250-IS-E
Sink	1-4* Compartments	610 x 610 x 381	75 mm	2.21	W-350-IS-E
Wok Range	Wok Range with 1-5 Wok Stations		50 mm	1.26	W-200-IS-E
Wok Range	Wok Range with 5+ Wok Stations		50 mm	1.6	W-250-IS-E
Pre-Rinse Station**			N/A		W-200-IS-E
Ventilation Hood			Use equipment manufacturer's peak l/s rating		
Other Fixtures or Appliances			Use equipment manufacturer's peak l/s rating		

* Recommendations based on standard operating procedure, draining two (2) sinks concurrently. Should three (3) or four (4) sinks be drained concurrently, the supplied flow control will limit flow to unit's maximum GPM rating. For sewer districts requiring flow ratings based on ASME or PDI standards, contact Thermaco directly for full flow rating assessment.

** Thermaco recommends the use of the FS-1 Flat Strainer or ESU-1 External Strainer Basket in combination with the Big Dipper in pre-rinse areas.

Note: To minimize grease/detergent emulsification, plumbing dishwashers directly into the sanitary sewer line is recommended. Consult local codes or a licensed plumber when considering plumbing a dishwasher to a Big Dipper unit.

Single Fixture Big Dipper Equipment

Model	l/s Rating
W-200-IS-E	1.26
W-250-IS-E & W-250-AST-E	1.6
W-350-IS-E	2.21
W-500-IS-E	3.15