



# UTILITY RACEWAYS

## R SERIES MODEL RID

The R-series Raceway is a Utility Distribution System comprised of a stainless steel sheet metal housing enclosing electrical and plumbing services that provide connections for individual appliances. Raceways with plumbing services are Listed by Underwriters Laboratories (UL) as Commercial Appliance Outlet Centers. Raceways with only electrical services are Listed by UL as Multi-outlet Assemblies. These raceways are intended primarily for use with cooking batteries, or cooking appliance line-ups, on both sides of the Raceway, or with appliances along one side and an aisle on the other side. Individual Point-of-use connection plates are located on the bottom along the length of the raceway.

**SHORT FORM SPEC:** The Avtec RID raceway is an Island Utility Distribution System comprised of a stainless steel housing enclosing electrical wireway system with end mount breaker panel, and plumbing services that provide connections for individual appliances. The electrical system is to include single point electrical service with all other outlets & breakers being factory wired. The plumbing system is to include single point (or looped based on capacity) plumbing service with all other manifolds, disconnects, and valves where applicable. Breakers are mounted in a breaker panel located in an end tower, separate from the connection plate that includes the outlet.

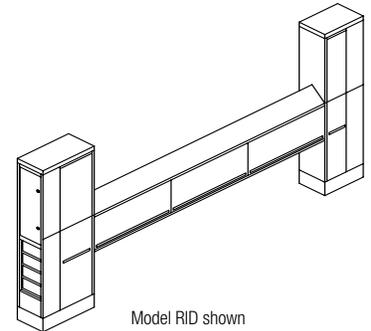
### STANDARD FEATURES:

- End mounted panel-board in service tower breaker panel and amp load sized per project requirements
- Receptacle or flexible liquid tight metal conduit (pigtail) mounted on 5x9" connection plates located along the bottom of the length of the horizontal chase
- Ground fault circuit interrupter for 15 & 20 amp, 120/1, straight blade receptacles
- Copper hot and cold water supply lines, if required
- Black iron gas supply line, if required
- Quarter-turn shut-off valves on all individual gas and/or steam connections
- Quarter-turn shut-off valves on individual steam supply and condensate return connections
- 2" High collar at top of service tower allows  $\pm 1/2$ " vertical adjustment to compensate for floor and/or exhaust hood mounting irregularities
- Hinged cover over point-of-use circuit breaker
- Condensate purging system on raceways with steam supply lines only — a strainer and steam trap allow condensate to continuously bleed from the steam supply line. Condensate can be routed to the condensate return line inside the raceway or to an open floor drain.

**SPECIFICATIONS:** Dimensions: Horizontal Chase Width: 12", Height: 18" – 30" plus 6" peaked top, Length: 4'-0" to 40'-0". Service Towers Width: 12" Height: Finished Floor to Exhaust Hood or Finished Ceiling, Length: 18" Nominal to 42" Nominal. Intermediate Pedestals Width: 10" Height: Finished Floor to bottom of Horizontal Chase, Length: 10". Construction: 430-series Stainless Steel. Removable panels held in place with threaded fasteners. Electrical Data: 50 to 225 amperes. 120/208-240/480 volts, single or three-phase. Water: 150 psig & 140° F (60° C) maximum. Gas (Natural gas or LP): 1.25 psig.



PROJECT NAME:	
LOCATION:	
ITEM NO:	
QTY:	
MODEL NO:	
AIA NO:	
SIS NO:	
CSI SECTION:	11400



Model RID shown

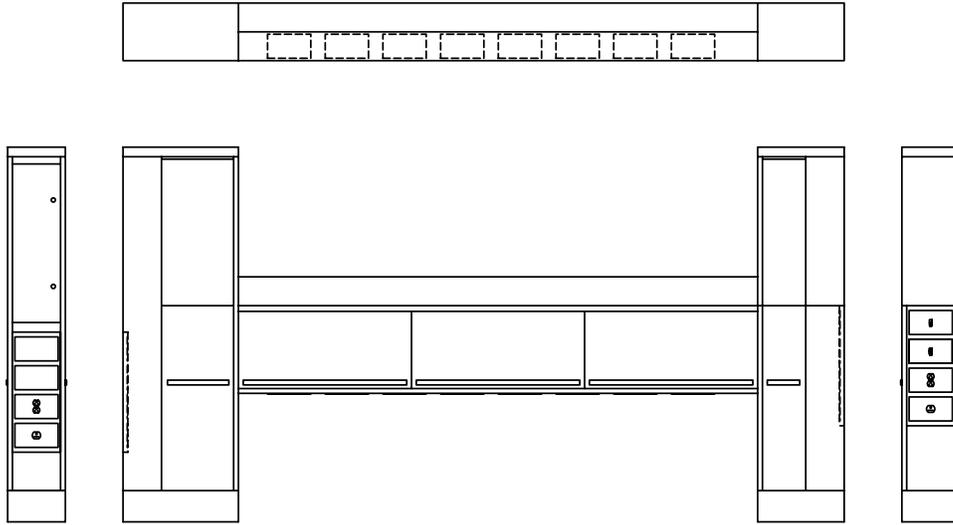
### OPTIONS/ACCESSORIES:

- Quick-disconnect fittings for individual gas connections in addition to quarter-turn shut-off valves for movable appliances
- Quick-disconnect fittings for individual water connections in addition to quarter-turn shut-off valves for movable appliances
- Vent light switch in service tower
- Duplex convenience outlet in Service tower(s)
- Gas delay reset (GDRI)
- 120V AC fire-fuel shut-off solenoid valve(s) for gas supply. 1 1/2" And smaller located in service tower(s) (2" and larger are remotely located)
- Ventilation system control panel
- Temperature/pressure gauge at water incoming service location
- Security package (includes):
  - exposed fasteners to be tamper-resistant, pin-in-head torx-head, shipped loose and installed in field
  - hinged doors equipped with eye for customer-supplied padlock

### ADDITIONAL RESOURCES:

- [Request A Quote](#)
- [Sales Tools](#)
- [Find A Rep](#)

**FRONT, TOP, SIDE VIEWS**



**OPTIONS/ACCESSORIES CONTINUED:**

Dormer mounted faucet or pot filler

Dormer mounted point-of-use connection plate

**OPTIONAL ELECTRICAL:**

100 To 225 amperes ,480Y/277 volts, three-phase, Four-wire. Eighteen (18) single-pole positions (100 amp maximum)

Main service breaker with shunt trip available. (Does not use any of the available branch breaker positions.)