

Kitchen Ventilation Systems Utility Distribution System



BUILDING VALUE IN AIR.



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Greenheck's Utility Distribution System (UDS) is a pre-engineered cost effective utility delivery system for cooking equipment. The UDS allows easy relocation and the arrangement of cooking appliances or the addition of equipment to an existing line-up. Rearranging the cooking appliance line-up can be accomplished in a matter of minutes, especially when appliances are mounted on casters.

Greenheck's UDS is available for both wall or island arranged cooking appliances.

Water

Main Ball Valves - On incoming service to provide a main shutoff at the unit

Gauges - Available for either pressure/temperature or pressure only

Fill Faucet - With 60-inch (1,524-mm) hose

Water Hoses - Available in lengths of 48-, 60- or 72-inches (1,219-, 1,524- or 1,829-mm)

Water Filters - Available in single appliance and multiple appliance styles

Hot and Cold Water Drops - 3/4- and 1-inch (19- and 25-mm) diameter and placed every 24 inches (610 mm)

Shock Arrestors - To prevent water hammering that typically occurs when the water is shut off

Pressure Reducing Valve - Is used when the water pressure entering the UDS is too high. The reducer valve reduces the pressure to an appropriate level (typically 40-60 psi).

Hand Sink - Available mounted on the riser. Sink is 12 inches (305 mm) wide.

Hose Reel Assembly - Mounted on one of the risers and is available for auxiliary hoses

Ball Valves - Available from 1/4-, 3/8-, 1/2- and 3/4-inch (6-, 10-, 13- and 19-mm) for shutoff at each connection along the chase

Gas

Main Ball Valves - On incoming service to provide a main shutoff at the unit

Main Gas Service Shut Off - 1-1/4-, 1-1/2-, and 2-inch" (32-, 38-, and 51-mm), mechanical (manual) or electric gas valve available on incoming service to turn gas off at the unit.

Alternating Gas Drops - 3/4 and 1-1/4-inch (19 and 32 mm) drops every 12 inches (305 mm) along the length of the unit

Gas Hoses - Available in 48-, 60- or 72-inch (1,219-, 1,524- or 1,829-mm) lengths

Ball Valves - Available in 1/2, 3/4, 1-, and 1-1/4 inches (13-, 19-, 25-, and 32 mm) for shutoff at each connection along the chase.

Gas Types - Single or looped for additional capacity for larger systems

Superswivel Connections - Prevent kinks and gas hose twisting

Gas Restraining - Prevent accidental strain on gas lines by preventing excessive appliance motion

Electrical

Primary Electrical Service

Choose from panel board or point-of-use breakers. Main breaker and branch circuit breakers are provided with primary electrical service. See table below for available sizes.

Breaker	Voltage	Phase	Min Size (Amp)	Max Size (Amp)
Main	208 or 480	3	40	400
Branch	120	1	20	50
Branch	208	1	20	70
Branch	208	3	20	125
Branch	480	3	20	100

Electrical Receptacles

120 or 208 volt based on need and the current requirement of the receptacles. NEMA configuration is straight blade with an available twist lock option in 120/1-20A GFCI (GFCI not available with twist lock). Optional cordset is available.

Secondary Electrical Service

Choose from panel board or point-of-use breakers. Main breaker and branch circuit breakers are provided with secondary electrical service. See table below for available sizes.

Breaker	Voltage	Phase	Min Size (Amp)	Max Size (Amp)
Main	120 or 208	1	40	400
Branch	120	1	20	50
Branch	208	1	20	70
Branch	208	3	20	125

Controls

For the primary electrical service option that includes optional status lights, fire system connection, optional light or fan switches, gas solenoid control panel (with a solenoid gas valve), optional emergency shutdown and prewired temperature interlock switch, if required.

Additional Utilities and Options

- Steam / condensate system
- Chilled water line with insulation
- Compressed air line
- Gasketed construction
- Weatherproof receptacle / switch covers
- While-in-use receptacle covers
- 12 x 12-inch (305 x 305-mm) viewing window in riser
- Hinged access doors on risers
- Water filter bracket on chase
- 10 foot (3 m) conduit for wiring to hood lights
- Ground fault equipment protection
- XFCC mounted in riser
- Variable volume system mounted in riser
- Temperature interlock mounted in riser

For design and sales assistance, please contact your local Greenheck representative.

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Greenheck offers added value to our wide selection of top performing, energy-efficient products by providing several unique service programs.



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Our 3D service allows you to download, at no charge, easy-to-use AutoDesk® Revit® 3D drawings for many of our ventilation products.

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Building Value in Air

Greenheck delivers value to mechanical engineers by helping them solve virtually any air quality challenges their clients face with a comprehensive selection of

top quality, innovative air-related equipment. We offer extra value to contractors by providing easy-to-install, competitively priced, reliable products that arrive on time.

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Specific Greenheck product warranties are located on greenheck.com within the product area tabs and in the Library under Warranties.

