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Single Island Style Canopy Hoods

Exhaust Only

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GHEP Specification

Baffle Filter Backshelf Hood, Exhaust Only

Provide Greenheck Exhaust Hood Model GHEP as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall low proximity. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 450°F or 600°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be stainless steel baffle type, U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

The proximity hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GKEP Specification

High Velocity Cartridge Backshelf Hood, Exhaust Only

Provide Greenheck Exhaust Hood Model GKEP as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall low proximity. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 450°F or 600°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

The proximity hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXEP Specification

Grease-X-Tractor™ High Efficiency Backshelf Hood, Exhaust Only

Provide Greenheck Exhaust Hood Model GXEP as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall low proximity. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 450°F or 600°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

The proximity hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GGEP Specification

Grease Grabber™ High Efficiency Backshelf Hood, Exhaust Only

Provide Greenheck Grease Grabber Exhaust Hood, that includes a Multi Stage Filtration System using centrifugal impingement and packed bead technology to remove grease from the air stream, as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall low proximity. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 450°F or 600°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

Kitchen Ventilation hood(s) shall incorporate Grease Grabber Technology to remove grease by centrifugal force and interception. This multi stage system shall incorporate Greenheck Grease-X-Tractor as the primary filter to remove 60% of the grease particles that are larger than 5 microns. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. The secondary filter shall be a packed bead bed filter designed to remove 80% of the grease particles larger than 1 micron and 100% of the grease particles 9 microns and larger. This grease extraction process must be accomplished at a static pressure loss of not more than 1.5 inches of water column at 330 CFM. Filtration systems having higher static requirements are not acceptable. The secondary filter must be shaped to provide a minimum of 250 square inches of filter area (16 inches High X 16 inches Wide). Flat style filters or filters having a surface area of less than 250 square inches are not acceptable. The multi stage filtration system shall consist of individual filters for ease in removal and cleaning. The cleaning of these filters shall be in a standard commercial dishwasher. All filter efficiencies must be verified by an independent third party testing organization in accordance with the ASTM F2519-2005 test standard.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

The proximity hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GHEW Specification

Baffle Filter Canopy Hood, Wall Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GHEW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of single wall construction. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be aluminum baffle type (stainless optional), U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length concealed grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box located at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood

manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GKEW Specification

High Velocity Cartridge Filter Canopy Hood, Wall Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GKEW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of single wall construction. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box located at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood

manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXEW Specification

Grease-X-Tractor™ High Efficiency Filter Canopy Hood, Wall Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GXEW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of single wall construction. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency aluminum filters (stainless optional) shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GGEW Specification

Grease Grabber™ Filter Canopy Hood, Wall Style, Exhaust Only with Single Wall Front

Provide Greenheck Grease Grabber Exhaust Hood, that includes a Multi Stage Filtration System using centrifugal impingement and packed bead technology to remove grease from the air stream, as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

Kitchen Ventilation hood(s) shall incorporate Grease Grabber Technology to remove grease by centrifugal force and interception. This multi stage system shall incorporate Greenheck Grease-X-Tractor as the primary filter to remove 60% of the grease particles that are larger than 5 microns. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. The secondary filter shall be a packed bead bed filter designed to remove 80% of the grease particles larger than 1 micron and 100% of the grease particles 9 microns and larger. This grease extraction process must be accomplished at a static pressure loss of not more than 1.5 inches of water column at 330 CFM. Filtration systems having higher static requirements are not acceptable. The secondary filter must be shaped to provide a minimum of 320 square inches of filter area (20 inches High X 16 inches Wide). Flat style filters or filters having a surface area of less than 320 square inches are not acceptable. The multi stage filtration system shall consist of individual filters for ease in removal and cleaning. The cleaning of these filters shall be in a standard commercial dishwasher. All filter efficiencies must be verified by an independent third party testing organization in accordance with the ASTM F2519-2005 test standard.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of single wall construction. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate in a pitched, full-length grease trough, which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GWEW Specification

Water Wash Canopy Hood, Wall Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GWEW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy. They shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) casing shall be constructed of a minimum of 18 gauge type 304 stainless steel with a #4 polished finish. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of single wall construction. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes (400 series stainless steel, cold rolled steel, etc.) are not acceptable. Exhaust plenum is to be fully welded construction. All unexposed interior surfaces shall be constructed of a minimum 18 gauge stainless steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a full length, horizontal baffles to create high velocity centrifugal grease extraction. Non gasketed inspection doors shall provide full length access to each grease extraction plenum. Hoods shall be provided with an automatic, self cleaning capability. A hot water, detergent spray through a full length manifold shall clean the entire length of the exhaust plenum automatically upon fan shutdown. The wash cycle run time will be between three and ten minutes. The extractor housing shall terminate in a pitched, full length collection trough with stainless steel drain fitting.

A programmable control panel(s) shall be provided in a size capable of handling all hoods specified. It shall be constructed of 18 gauge stainless steel and shall include the following: an adjustable-flow detergent pump, a wash cycle timer in a solid state master programmable controller, and a 2.5 gallon detergent reservoir. The panel shall be of two-compartment construction with one side for plumbing and the other for electrical connections and the programmable controller. Electric service and water service shall each require a single connection.

Vapor proof, U. L. Listed incandescent (recessed incandescent, recessed fluorescent) light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC) and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GHDW Specification

Baffle Filter Canopy Hood, Wall Style, Exhaust Only with Double Wall Front

Provide Greenheck Exhaust Hood Model GHDW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of double wall construction with 1 inch insulation to add additional strength and rigidity. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be aluminum baffle type (stainless optional), U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length concealed grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box located at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood

manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GKDW Specification

High Velocity Cartridge Filter Canopy Hood, Wall Style, Exhaust Only with Double Wall Front

Provide Greenheck Exhaust Hood Model GKDW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U.L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of double wall construction with 1 inch insulation to add additional strength and rigidity. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood

manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXDW Specification

Grease-X-Tractor™ High Efficiency Filter Canopy Hood, Wall Style, Exhaust Only with Double Wall Front

Provide Greenheck Exhaust Hood Model GXDW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels be of double wall construction with 1 inch insulation to add additional strength and rigidity. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency aluminum filters (stainless optional) shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GGDW Specification

Grease Grabber™ Filter Canopy Hood, Wall Style, Exhaust Only with Double Wall Front

Provide Greenheck Grease Grabber Exhaust Hood, that includes a Multi Stage Filtration System using centrifugal impingement and packed bead technology to remove grease from the air stream, as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall incorporate Grease Grabber Technology to remove grease by centrifugal force and interception. This multi stage system shall incorporate Greenheck Grease-X-Tractor as the primary filter to remove 60% of the grease particles that are larger than 5 microns. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. The secondary filter shall be a packed bead bed filter designed to remove 80% of the grease particles larger than 1 micron and 100% of the grease particles 9 microns and larger. This grease extraction process must be accomplished at a static pressure loss of not more than 1.5 inches of water column at 330 CFM. Filtration systems having higher static requirements are not acceptable. The secondary filter must be shaped to provide a minimum of 320 square inches of filter area (20 inches High X 16 inches Wide). Flat style filters or filters having a surface area of less than 320 square inches are not acceptable. The multi stage filtration system shall consist of individual filters for ease in removal and cleaning. The cleaning of these filters shall be in a standard commercial dishwasher. All filter efficiencies must be verified by independent third party testing organization.

Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of double wall construction with 1 inch insulation to add additional strength and rigidity. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate in a pitched, full-length grease trough, which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GWDW Specification

Water Wash Canopy Hood, Wall Style, Exhaust Only with Double Wall Front

Provide Greenheck Exhaust Hood Model GWDW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy. They shall be U. L. Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be independently provided.

The hood(s) casing shall be constructed of a minimum of 18 gauge type 304 stainless steel with a #4 polished finish. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of double wall construction with 1 inch insulation to add additional strength and rigidity. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes (400 series stainless steel, cold rolled steel, etc.) are not acceptable. Exhaust plenum is to be fully welded construction. All unexposed interior surfaces shall be constructed of a minimum 18 gauge stainless steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a full length, horizontal baffles to create high velocity centrifugal grease extraction. Non gasketed inspection doors shall provide full length access to each grease extraction plenum. Hoods shall be provided with an automatic, self cleaning capability. A hot water, detergent spray through a full length manifold shall clean the entire length of the exhaust plenum automatically upon fan shutdown. The wash cycle run time will be between three and ten minutes. The extractor housing shall terminate in a pitched, full length collection trough with stainless steel drain fitting.

A programmable control panel(s) shall be provided in a size capable of handling all hoods specified. It shall be constructed of 18 gauge stainless steel and shall include the following: an adjustable-flow detergent pump, a wash cycle timer in a solid state master programmable controller, and a 2.5 gallon detergent reservoir. The panel shall be of two-compartment construction with one side for plumbing and the other for electrical connections and the programmable controller. Electric service and water service shall each require a single connection.

Vapor proof, U. L. Listed incandescent (recessed incandescent, recessed fluorescent) light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NEC #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GHFW Specification

Baffle Filter Canopy Hood, Wall Style, Face Supply

Provide Greenheck Exhaust Hood Model GHFW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels shall be located on the face to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U.L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be aluminum baffle type (stainless optional), U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box located at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GKFW Specification

High Velocity Cartridge Filter Canopy Hood, Wall Style, Face Supply

Provide Greenheck Exhaust Hood Model GKFW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels shall be located on the face to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U.L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXFW Specification

Grease-X-Tractor™ High Efficiency Filter Canopy Hood, Wall Style, Face Supply

Provide Greenheck Exhaust Hood Model GXFW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels shall be located on the face to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS) if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency aluminum filters (stainless optional) shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GGFW Specification

Grease Grabber™ Canopy Hood, Wall Style, Face Supply

Provide Greenheck Grease Grabber Exhaust Hood, that includes a Multi Stage Filtration System using centrifugal impingement and packed bead technology to remove grease from the air stream, as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall incorporate Grease Grabber Technology to remove grease by centrifugal force and interception. This multi stage system shall incorporate Greenheck Grease-X-Tractor as the primary filter to remove 60% of the grease particles that are larger than 5 microns. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. The secondary filter shall be a packed bead bed filter designed to remove 80% of the grease particles larger than 1 micron and 100% of the grease particles 9 microns and larger. This grease extraction process must be accomplished at a static pressure loss of not more than 1.5 inches of water column at 330 CFM. Filtration systems having higher static requirements are not acceptable. The secondary filter must be shaped to provide a minimum of 320 square inches of filter area (20 inches High X 16 inches Wide). Flat style filters or filters having a surface area of less than 320 square inches are not acceptable. The multi stage filtration system shall consist of individual filters for ease in removal and cleaning. The cleaning of these filters shall be in a standard commercial dishwasher. All filter efficiencies must be verified by independent third party testing organization.

Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels shall be located on the face to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS) if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and

finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate in a pitched, full-length grease trough, which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GFW Specification

Water Wash Canopy Hood, Wall Style, Face Supply

Provide Greenheck Exhaust Hood Model GFW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. They shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels shall be located on the face to ensure precise volume control and shall limit the throw to within several feet of the hood. Register available. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) casing shall be constructed of a minimum of 18 gauge type 304 stainless steel with a #4 polished finish. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams shall be welded and/or liquid tight and all exposed internal welds shall be ground and polished to match the original surface of the metal. Lighter material gauges, alternate material types and finishes (400 series stainless steel, cold rolled steel, etc.) are not acceptable. Exhaust plenum is to be fully welded construction. All unexposed interior surfaces shall be constructed of a minimum 18 gauge stainless steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a full length, horizontal baffles to create high velocity centrifugal grease extraction. Non gasketed inspection doors shall provide full length access to each grease extraction plenum. Hoods shall be provided with an automatic, self cleaning capability. A hot water, detergent spray through a full length manifold shall clean the entire length of the exhaust plenum automatically upon fan shutdown. The wash cycle run time will be between three and ten minutes. The extractor housing shall terminate in a pitched, full length collection trough with stainless steel drain fitting.

A programmable control panel(s) shall be provided in a size capable of handling all hoods specified. It shall be constructed of 18 gauge stainless steel and shall include the following: an adjustable-flow detergent pump, a wash cycle timer in a solid state master programmable controller, and a 2.5 gallon detergent reservoir. The panel shall be of two-compartment construction with one side for plumbing and

the other for electrical connections and the programmable controller. Electric service and water service shall each require a single connection.

Vapor proof, U. L. Listed incandescent (recessed incandescent, recessed fluorescent) light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GHCW Specification

Baffle Filter Canopy Hood, Wall Style, Face and Air Curtain Supply

Provide Greenheck Exhaust Hood Model GHCW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through face and front perimeter perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels with opposed blade, balancing dampers shall be located on the front perimeter ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U.L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be aluminum baffle type (stainless optional), U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GKCW Specification

High Velocity Cartridge Filter Canopy Hood, Wall Style, Face and Air Curtain Supply

Provide Greenheck Exhaust Hood Model GKCW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through face and front perimeter perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels with opposed blade, balancing dampers shall be located on the front perimeter to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U.L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXCW Specification

Grease-X-Tractor™ High Efficiency Filter Canopy Hood, Wall Style, Face and Air Curtain Supply

Provide Greenheck Exhaust Hood Model GXCW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through face and front perimeter perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels with opposed blade, balancing dampers shall be located on the front perimeter to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency aluminum filters (stainless optional) shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GGCW Specification

Grease Grabber™ Canopy Hood, Wall Style, Face and Air Curtain Supply

Provide Greenheck Grease Grabber Exhaust Hood, that includes a Multi Stage Filtration System using centrifugal impingement and packed bead technology to remove grease from the air stream, as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall incorporate Grease Grabber Technology to remove grease by centrifugal force and interception. This multi stage system shall incorporate Greenheck Grease-X-Tractor as the primary filter to remove 60% of the grease particles that are larger than 5 microns. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. The secondary filter shall be a packed bead bed filter designed to remove 80% of the grease particles larger than 1 micron and 100% of the grease particles 9 microns and larger. This grease extraction process must be accomplished at a static pressure loss of not more than 1.5 inches of water column at 330 CFM. Filtration systems having higher static requirements are not acceptable. The secondary filter must be shaped to provide a minimum of 320 square inches of filter area (20 inches High X 16 inches Wide). Flat style filters or filters having a surface area of less than 320 square inches are not acceptable. The multi stage filtration system shall consist of individual filters for ease in removal and cleaning. The cleaning of these filters shall be in a standard commercial dishwasher. All filter efficiencies must be verified by independent third party testing organization.

Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through face and front perimeter perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels with opposed blade, balancing dampers shall be located on the face and front perimeter to ensure precise volume control and shall limit the throw to within several feet of the hood. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and

finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate in a pitched, full-length grease trough, which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GWCW Specification

Water Wash Canopy Hood, Wall Style, Face and Air Curtain Supply

Provide Greenheck Exhaust Hood Model GWCW as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, full compensating wall canopy with the capability to replace up to 100% of the exhausted air with fresh outside air. They shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Air shall be supplied through face and front perimeter perforated panels in a manner that does not interfere with the cooking operations beneath the hood(s). Perforated panels with opposed blade, balancing dampers shall be located on the front perimeter to ensure precise volume control and shall limit the throw to within several feet of the hood. Register available. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) casing shall be constructed of a minimum of 18 gauge type 304 stainless steel with a #4 polished finish. The hood(s) shall be constructed using the standing seam method for optimum strength. An integral 3 inch air space is provided to meet NFPA 96 clearance requirements against limited combustible walls. Integral 3 inch air space may be omitted for non-combustible construction. All seams shall be welded and/or liquid tight and all exposed internal welds shall be ground and polished to match the original surface of the metal. Lighter material gauges, alternate material types and finishes (400 series stainless steel, cold rolled steel, etc.) are not acceptable. Exhaust plenum is to be fully welded construction. All unexposed interior surfaces shall be constructed of a minimum 18 gauge stainless steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a full length, horizontal baffles to create high velocity centrifugal grease extraction. Non gasketed inspection doors shall provide full length access to each grease extraction plenum. Hoods shall be provided with an automatic, self cleaning capability. A hot water, detergent spray through a full length manifold shall clean the entire length of the exhaust plenum automatically upon fan shutdown. The wash cycle run time will be between three and ten minutes. The extractor housing shall terminate in a pitched, full length collection trough with stainless steel drain fitting.

A programmable control panel(s) shall be provided in a size capable of handling all hoods specified. It shall be constructed of 18 gauge stainless steel and shall include the following: an adjustable-flow detergent pump, a wash cycle timer in a solid state master programmable controller, and a 2.5 gallon detergent reservoir. The panel shall be of two-compartment construction with one side for plumbing and

the other for electrical connections and the programmable controller. Electric service and water service shall each require a single connection.

Vapor proof, U. L. Listed incandescent (fluorescent) light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GHEV Specification

Baffle Filter Canopy Hood, Single Island Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GHEV as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only single island canopy. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. The hood(s) shall exhaust two banks of filters through one central plenum. See www.greenheck.com for U. L. 710 performance and sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be aluminum baffle type (stainless optional), U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GKEV Specification

High Velocity Cartridge Filter Canopy Hood, Single Island Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GKEV as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only single island canopy. The hood shall exhaust two banks of filters through one central plenum. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. See www.greenheck.com for U. L. 710 performance and sizes. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood

manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXEV Specification

Grease-X-Tractor™ High Efficiency Filter Canopy Hood, Single Island Style, Exhaust Only with Single Wall Front

Provide Greenheck Exhaust Hood Model GXEV as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall be of the Type I, exhaust only single island canopy. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. The hood shall exhaust two banks of filters through one central plenum. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency aluminum filters (stainless optional) shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform

Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GGEV Specification

Grease Grabber™ Filter Canopy Hood, Single Island Style, Exhaust Only with Single Wall Front

Provide Greenheck Grease Grabber Exhaust Hood, that includes a Multi Stage Filtration System using centrifugal impingement and packed bead technology to remove grease from the air stream, as shown on plans and in accordance with the following specification:

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Kitchen Ventilation hood(s) shall incorporate Grease Grabber Technology to remove grease by centrifugal force and interception. This multi stage system shall incorporate Greenheck Grease-X-Tractor as the primary filter to remove 60% of the grease particles that are larger than 5 microns. The Grease-X-Tractor high efficiency stainless steel filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. The secondary filter shall be a packed bead bed filter designed to remove 80% of the grease particles larger than 1 micron and 100% of the grease particles 9 microns and larger. This grease extraction process must be accomplished at a static pressure loss of not more than 1.5 inches of water column at 330 CFM. Filtration systems having higher static requirements are not acceptable. The secondary filter must be shaped to provide a minimum of 320 square inches of filter area (20 inches High X 16 inches Wide). Flat style filters or filters having a surface area of less than 320 square inches are not acceptable. The multi stage filtration system shall consist of individual filters for ease in removal and cleaning. The cleaning of these filters shall be in a standard commercial dishwasher. All filter efficiencies must be verified by independent third party testing organization.

Kitchen Ventilation hood(s) shall be of the Type I, exhaust only wall canopy suitable for all types of cooking applications. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Make-up air shall be independently provided. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. Front panels shall be of single wall construction. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filter housing shall terminate in a pitched, full-length grease trough, which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GHFV Specification

Baffle Filter Canopy Hood, Single Island Style, Face Supply

Provide Greenheck Exhaust Hood Model GHFV as shown on plans and in accordance with the following specification:

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Kitchen ventilation hood(s) shall be Type I, full compensating single island canopy. The hood(s) shall be U. L. 710 Listed without (with) fire dampers for 400°F, 600°F, or 700°F rated cooking appliances. The hood(s) shall be single canopy, exhausting two banks of filters through one central plenum, and shall have the capability to replace up to 100% of the exhausted air with fresh outside air. Make-up air shall be provided at low velocity through perforated panels located on the face of the hood, designed to limit throw to several feet in front of the hood. See www.greenheck.com for U. L. 710 performance and available sizes.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The filters shall be aluminum baffle (stainless optional) type, U. L. 1046 Classified, and in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood

manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

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GKFV Specification

High Velocity Cartridge Filter Canopy Hood, Single Island Style, Face Supply

Provide Greenheck Exhaust Hood Model GKFV as shown on plans and in accordance with the following specification:

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Kitchen ventilation hood(s) shall be Type I, full compensating single island canopy. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. The hood(s) shall be a single canopy, exhausting two banks of filters through one central plenum, and shall have the capability to replace up to 100% of the exhausted air with fresh outside air. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be provided at low velocity through perforated panels located on the face of the hood, designed to limit throw to several feet in front of the hood.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The high velocity stainless steel cartridge filters shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck in sufficient number and sizes to ensure optimum performance. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform

Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GXFV Specification

Grease-X-Tractor™ High Efficiency Filter Canopy Hood, Single Island Style, Face Supply

Provide Greenheck Exhaust Hood Model GXFV as shown on plans and in accordance with the following specification:

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Kitchen ventilation hood(s) shall be Type I, full compensating single island canopy. The hood(s) shall be U. L. 710 Listed without (with) fire damper for 400°F, 600°F, or 700°F rated cooking appliances. Hood(s) shall be single canopy, exhausting two banks of filters through one central plenum, and shall have the capability to replace up to 100% of the exhausted air with fresh outside air. See www.greenheck.com for U. L. 710 performance and available sizes. Make-up air shall be provided at low velocity through perforated panels located on the face of the hood, designed to limit throw to several feet in front of the hood.

The hood(s) exterior shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams, joints and penetrations of the hood enclosure shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable. All unexposed interior surfaces shall be constructed of a minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include a filter housing constructed of the same material as the hood. The Grease-X-Tractor high efficiency aluminum filters (stainless optional) shall be U. L. 1046 Classified and NSF Certified as manufactured by Greenheck, in sufficient number and sizes to ensure optimum performance. Grease-X-Tractor filters shall direct the exhaust airflow through individual cyclone chambers, utilizing centrifugal impingement grease extraction technology. The filter housing shall terminate in a pitched, full length grease trough which shall drain into a removable grease container.

The hood(s) shall include a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood.

Vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70- Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, International Mechanical Code (IMC), Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.

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GO Specification

Non-Filtered, Heat and Fume

Provide Greenheck Exhaust Hood Model GO as shown on plans and in accordance with the following specification:

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Heat and Fume hood(s) shall be of the Type II, exhaust only canopy. See www.greenheck.com for available sizes.

The hood(s) shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable.

Optional, vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval.

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GD1 Specification

Condensate/Dishwasher Hood

Provide Greenheck Exhaust Hood Model GD1 as shown on plans and in accordance with the following specification:

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Condensate hoods shall be of the Type II, exhaust only canopy. See www.greenheck.com for performance and available sizes.

The hood(s) shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable.

The hood(s) shall include a full perimeter, welded, condensate collecting gutter with a 0.5 inch N.P.T. stainless steel drain fitting.

Optional, vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GD2 Specification

Single Baffle Condensate/Dishwasher Hood

Provide Greenheck Exhaust Hood Model GD2 as shown on plans and in accordance with the following specification:

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Condensate hoods shall be of the Type II, exhaust only canopy. See www.greenheck.com for performance and available sizes.

The hood(s) shall be constructed of a minimum of 18 gauge stainless steel with an embossed finish (430 SS), if 300 series SS is required, a #4 polished finish is to be provided. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable.

The hood(s) shall include one full length, removable condensate baffle constructed of 18 gauge stainless steel. The baffle shall be pitched to drain into a full perimeter, welded, condensate collecting gutter with a 0.5 inch N.P.T. stainless steel drain fitting.

Optional, vapor proof, U. L. Listed incandescent light fixtures shall be pre-wired to a junction box situated at the top of the hood for field connection. Wiring shall conform to the requirements of the National Electrical Code (NFPA #70 - Latest Edition).

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval.

Due to continuous research Greenheck reserves the right to change specifications without notice.

GD3 Specification

Double Baffle Condensate/Dishwasher Hood

Provide Greenheck Exhaust Hood Model GD3 as shown on plans and in accordance with the following specification:

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Condensate hoods shall be of the Type II, exhaust only canopy. See www.greenheck.com for performance and available sizes.

The hood(s) shall be constructed of a minimum of 18 gauge stainless steel with See www.greenheck.com for performance and available sizes. The hood(s) shall be constructed using the standing seam method for optimum strength. All seams shall be welded and/or liquid tight. Lighter material gauges, alternate material types and finishes are not acceptable.

The hood(s) shall include two full length, removable condensate baffles constructed of 18 gauge stainless steel. The baffles shall be pitched to drain into a full perimeter, welded, condensate collecting gutter with a 0.5 inch N.P.T. stainless steel drain fitting.

The canopy hood(s) shall be constructed by Greenheck. They shall be built in accordance with National Fire Protection Association (NFPA) Bulletin #96, Uniform Mechanical Code (UMC), and bear the National Sanitation Foundation (NSF) Seal of Approval.

Due to continuous research Greenheck reserves the right to change specifications without notice.