



XTEW Specification

Energy Recovery Filter Canopy Hood, Wall Style, Exhaust Only with Single Wall Front

Provide Accurex Energy Recovery Exhaust Hood Model XTEW as shown on plans and in accordance with the following specification:

Note to User: This document is subject to copyright protection and is proprietary to Accurex Engineered Restaurant Systems. However, Accurex Engineered Restaurant Systems authorizes the user a limited non-exclusive license to use this document or portions of it for the purpose of preparing written product specifications. All information in this document as provided by Accurex Engineered Restaurant Systems is informational in nature and is provided without representation or warranty of any kind as to the user or any other party, including, without limitation, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR NON-INFRINGEMENT. To the greatest extent permitted by applicable law, Accurex Engineered Restaurant Systems assumes no liability, and User assumes all liability and risk, for the use or results from the use of this document or the information contained herein, whether as modified by the user or not. Users should consult www.accurex.com to verify that this document represents the most current version.

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 a fire damper (with optional) for 400°F, 600°F, or 700°F rated cooking appliances. Please visit www.ul.com for U.L. 710 listing for performance and size options. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge 400 series stainless steel (300 series optional). The hood(s) shall be constructed using the standing seam method for optimum strength and with a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood. 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 minimum 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets.

The hood(s) shall include an energy recovery filter constructed of a stainless steel housing and integral copper heat exchanger. The filters shall be, U.L. 1046 Classified, and in sufficient number and size 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 filters shall have industrial grade quick disconnects to allow for the interconnection of the filters and water system. The filters shall have a grease removal efficiency of 88% at 8 microns (60% from 3-10 microns) and static pressure drop of 0.6-0.7 inWC.



The energy recovery filter hood system shall include a control cabinet which contains all of the necessary components for system operation. Included system components shall be a circulation pump, flowswitch to indicate flow, throttling and shut off valves, temperature and pressure gauges, electrical control box, electrically operated system pressure relief valve, indicator lights and on/off switches. The cabinet piping shall allow for a portion of the incoming water to be directed to the filter system while maintaining an adequate flow to the kitchen to meet kitchen water demands.

Vapor proof, U.L. Listed incandescent (recessed, fluorescent and LED optional, restrictions apply) 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 NFPA[®] 70

The canopy hood(s) shall be constructed by Accurex. They shall be built in accordance with the NFPA[®] 96, IMC, UMC, and bear the 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 Accurex reserves the right to change specifications without notice.



XTDW Specification

Energy Recovery Filter Canopy Hood, Wall Style, Exhaust Only with Double Wall Front

Provide Accurex Energy Recovery Exhaust Hood Model XTEW as shown on plans and in accordance with the following specification:

Note to User: This document is subject to copyright protection and is proprietary to Accurex Engineered Restaurant Systems. However, Accurex Engineered Restaurant Systems authorizes the user a limited non-exclusive license to use this document or portions of it for the purpose of preparing written product specifications. All information in this document as provided by Accurex Engineered Restaurant Systems is informational in nature and is provided without representation or warranty of any kind as to the user or any other party, including, without limitation, ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR NON-INFRINGEMENT. To the greatest extent permitted by applicable law, Accurex Engineered Restaurant Systems assumes no liability, and User assumes all liability and risk, for the use or results from the use of this document or the information contained herein, whether as modified by the user or not. Users should consult www.accurex.com to verify that this document represents the most current version.

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 a fire damper (with optional) for 400°F, 600°F, or 700°F rated cooking appliances. Please visit www.ul.com for U.L. 710 listing for performance and size options. Make-up air shall be independently provided.

The hood(s) exterior shall be constructed of a minimum of 18 gauge 400 series stainless steel (300 series optional). The hood(s) shall be constructed using the standing seam method for optimum strength and with a Performance Enhancing Lip (PEL) to improve capture efficiency by turning air back into the hood. 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 an energy recovery filter constructed of a stainless steel housing and integral copper heat exchanger. The filters shall be, U.L. 1046 Classified, and in sufficient number and size 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 filters shall have industrial grade quick disconnects to allow for the interconnection of the filters and water system. The filters shall have a grease removal efficiency of 88% at 8 microns (60% from 3-10 microns) and static pressure drop of 0.6-0.7 inWC.



The energy recovery filter hood system shall include a control cabinet which contains all of the necessary components for system operation. Included system components shall be a circulation pump, flowswitch to indicate flow, throttling and shut off valves, temperature and pressure gauges, electrical control box, electrically operated system pressure relief valve, indicator lights and on/off switches. The cabinet piping shall allow for a portion of the incoming water to be directed to the filter system while maintaining an adequate flow to the kitchen to meet kitchen water demands.

Vapor proof, U.L. Listed incandescent (recessed, fluorescent and LED optional, restrictions apply) 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 NFPA[®] 70

The canopy hood(s) shall be constructed by Accurex. They shall be built in accordance with the NFPA[®] 96, IMC, UMC, and bear the NSF Seal of Approval. The hood manufacturer shall provide, on request, the necessary data that confirms compliance with the code authorities listed above.