

SELKIRK METALBESTOS MODEL PS & IPS SPECIFICATION FOR GREASE DUCT

This factory-built grease duct shall be laboratory tested and Listed by Underwriters Laboratories, Inc., for use with commercial cooking equipment as described in NFPA96.

The double wall ducting shall have an outer jacket of aluminum steel .025" thick in 5 inch through 24" diameters and .034" thick for larger diameters. The inner liner shall be Type 304 stainless steel with a nominal thickness of .035" for all sizes.

- Double wall air-insulated exhaust system (Model PS) shall have a minimum 1" air space between the walls.
- Fiber insulated exhaust system (Model IPS) shall have a fiber insulation between the walls of 1 inch thick.

Air insulated double wall exhaust may be used in conjunction with fiber insulated exhaust as shown on project plans.

Each system shall be designed to provide access for inspection and cleaning of each change of duct direction, permit drainage of grease residue through a duct section, enable the system to allow for the thermal expansion and allow various types of fire suppression equipment to be integrated into the grease ductwork.

Some of the various types are: 1) CO₂ Extinguishing Systems (NFPA12), 2) Sprinkler Systems (NFPA13), 3) Foam-Water Sprinkler/Spray Systems (NFPA16), 4) Dry Chemical Extinguishing Systems (NFPA17).

Joints of the inner liner will be sealed using V-Bands and Selkirk Metalbestos High Temperature Ceramic Joint Cement, and supplied by the manufacturer.

Ducts expanding above roof surfaces must terminate as outlined in local building codes or as required by NFPA96.

The system shall be installed as designed by the manufacturer and in accordance with the terms of the manufacturer's ten (10) year warranty.

When the ducting is installed according to the manufacturer's installation instructions and within the limits of it's Listing, it will comply with national safety standards and building codes.

All parts exposed to the outer temperature should be protected by a minimum of one base coat and one finish coat of paint, such as series 4300 Heat Resistant paint as manufactured by Rust-Oleum, or equal. Paint to be supplied and applied by installing contractor.

NOTE TO SPECIFICATION WRITER:

In lieu of the standard aluminum coated steel outer jacket, there is available either 304 or 316 type stainless steel outer jacket with nominal thickness of .025" for all sizes through 24". For larger sizes through 36" the nominal thickness will be .034". Painting of exterior stacks would then not be necessary.