

SECTION 15575

BREECHINGS, CHIMNEYS, STACKS AND FLUES

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Type B Flue Vents.
2. Positive Pressure Chimney and Manifold System.
3. All Fuel Chimney.
4. Barometric Damper.

B. Related Sections:

1. Section 15010 - Basic Mechanical Requirements.
2. Section 15050 - Basic Mechanical Materials and Methods.
3. Section 15450 - Plumbing Equipment.
4. Section 15555 - Boilers.
5. Section 15620 - Fuel Fired Heaters.
6. Section 09900 - Painting

1.02 REFERENCES

- A. Underwriters Laboratories, Inc. (UL).
- B. National Fire Protection Association (NFPA).

1.02 SYSTEM DESCRIPTION

A. Design Requirements:

1. Design breechings, chimneys, stacks and flues consistent with the requirements of the appliance and Architectural design as determined by UCB staff.

PART 2 - PRODUCTS

2.01 TYPE B FLUE VENTS

A. Manufacturers:

- Ameri-Vent, American Metal Products Co.
- Dura-Vent Corporation.
- Metal Fab, Inc.
- Metlvent, Hart and Cooley Division of Clevepak Corporation.
- Selkirk Metalbestos (No asbestos acceptable)

- B. General: Double wall gas vents, UL-Listed for Type B, consisting of double wall metal construction pipe sections and fittings and accessories required for complete installation.

2.02 POSITIVE PRESSURE CHIMNEY AND MANIFOLD SYSTEM

A. Manufacturers:

Ampco
Metal Fab
Selkirk Metalbestos Model PS.
Van-Packer
Venting Systems Inc. Trip-L-Wall.

- B. General: Double wall metal chimney, UL-Listed for use with building heating equipment burning gas, solid or liquid fuels as described in NFPA (304 stainless steel liner for gas and No. 2 oil).

2.03 ALL FUEL CHIMNEY

A. Manufacturers:

Ampco
Dura-Vent Corporation Dura-Chimney
Hart and Cooley Metlvent.
Selkirk Metalbestos Model SS
Metal Fab
Van-Packer

- B. General: Stainless steel double-walled, pre-insulated chimney sections, fittings, and accessories required for a complete installation in compliance with UL Standard 103.

2.04 BAROMETRIC DAMPER

A. Manufacturers:

Field Control Division of Conco Engineering Works.

- B. Construction: Heavy duty design with stainless steel knife-edge bearing and precision balanced gate.

- C. Control: Adjustable wide range of draft settings from .002 inches to .5 inches.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. In general, for project specifications, remove "Design Requirements" in Part 1, paragraph 1.02, subparagraph A and expand here on specific requirements of installation for products specified in Part 2.
- B. Install in accordance with manufacturer's instructions to assure UL compliance.

END OF SECTION

