

Double Wall Chimney Duct Specification

Furnish double wall, factory built chimney system for installation with negative pressure commercial or industrial applications, Category 1 Flue Duct. Products shall be UL listed to UL103, UL103HT, CAN/ULC-S629-M87 and ULC/ORD-C-959-1993. Model DW-2R HT is listed for a continuous operation at 1000 degrees F and intermittent temperatures of 2100 degrees F in the United States. Model DW-2R HT are listed for a continuous operation at 600 degrees F and intermittent temperatures of 2100 degrees F in Canada.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8" through 16". The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct shall include 2 layers of Super Wool 607 Plus insulation between the inner and outer wall. Duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier 2000+. The duct wall assembly shall be tested and listed at 2" inch clearance to combustibles.

Clearances

DUCT MODEL	INNER DIAMETER (ID)	OUTSIDE DIAMETER	CLEARANCE TO COMBUSTIBLES	CLEARANCE TO NON-COMBUSTIBLES
DW - 2R TYPE HT	8" - 16"	ID + 4	2"	0"

*DW – 2R TYPE HT: 2" clearance to combustibles from the surface of the duct outer shell.

Certifications

The Double Wall Ductwork Series has been certified by UL. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. Product safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.

Model DW-2R Type HT is UL Listed under file number MH60233 and complies with UL103, UL103HT, CAN/ULC-S629-M87, and ULC/ORD-C959-1993.

