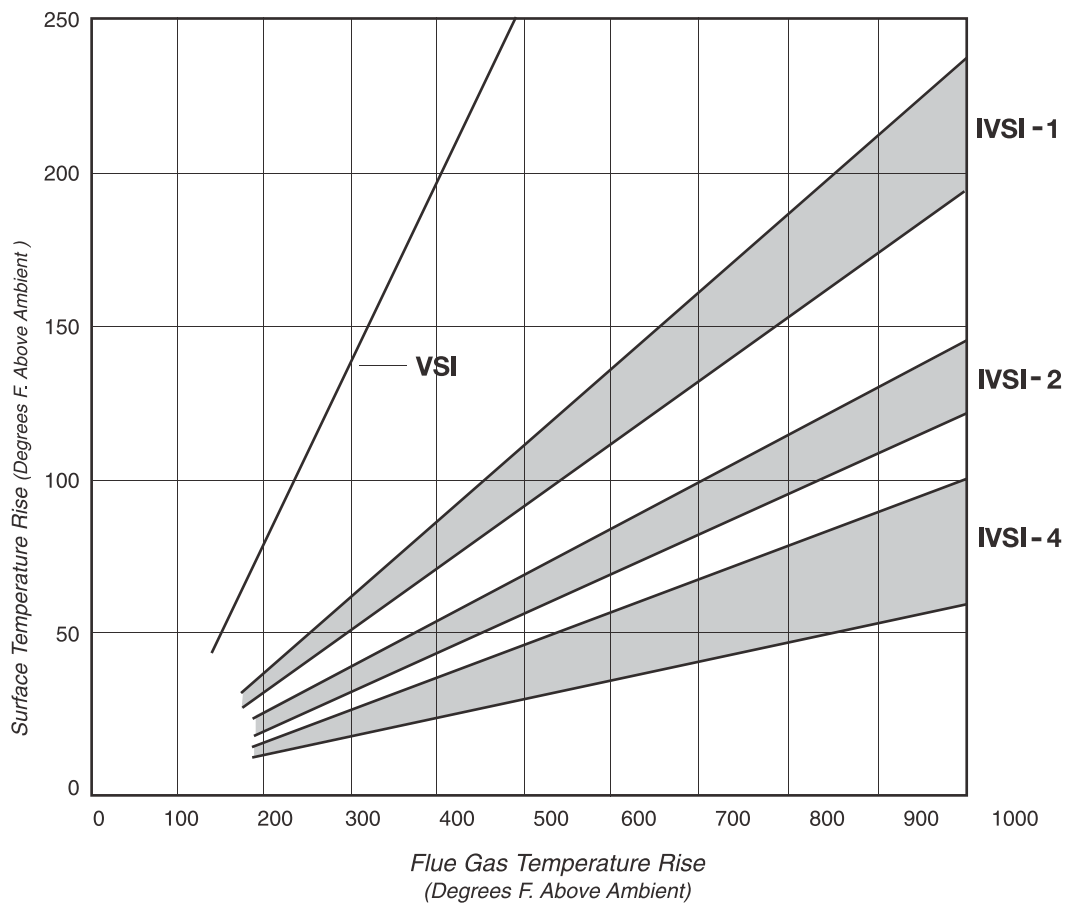


Material Thickness - Model VSI

Air Space	Size	Inner		Outer	
		Gauge*	Material	Gauge*	Material
1"	5" - 32"	20	.035" - 304 SS	24	.025" Alum Steel
		20	or .035" - 316 SS	24	or 304 & 316 SS
1"	36"	20	.035" - 304 SS	21	.034" Alum Steel
		20	or .035" - 316 SS	20	or .035" 304 & 316 SS
1"	42" - 48"	18	.048" - 304 SS	21	.034" Alum Steel
		18	or .048" - 304 & 316 SS	20	or .035" 304 & 316 SS

* Gauge is approximate.

Approximate Outer Pipe Surface Temperatures



Operating Temperatures and Clearances

Criteria	Type L Vent	Restaurant Grease Duct	Building Heating Appliance Chimney*	1400° F. Factory-Built Chimney
Application	Chimneys and stacks for appliances listed suitable for venting with Type L or Type B venting systems.	Cooking Appliances Ventilation Hoods Restaurant Grease Ducts Pizza Oven Exhausts	Low and High Pressure Steam Boilers Diesel and Turbine Exhausts Building Heating Equipment	Industrial Furnaces Processing Equipment Kilns and Ovens Diesel and Turbine
Maximum Operating Temperatures	550° F Continuous 1700° F. Intermittent	500° F. Continuous 2000° F. Intermittent	1000° F. Continuous 1400° F. Intermittent	1400° F. Continuous 1800° F. Intermittent
Clearances To Combustibles: Model VSI	N.A.	5- 10" I.D. = 5" 12" I.D. = 6" 14" I.D. = 7" 16" I.D. = 8" 18" I.D. = 9" 20" I.D. = 10" Over 20" I. D. = **	5"-16" I.D.= 6" 18"-20" I.D.= 7" 22"-26" I.D.= 8" 28"-30" I.D.= 9" 32"-36" I.D.=10" 42" I.D.=11" 48" I.D.=12"	5"-16" I.D.= 6" 18" I.D.= 8" 20" I.D.= 9" 22" I.D.= 10" 24" I.D.=12" 26" I.D.=13" 28" I.D.=14" 30" I.D.=16" Over 30" I.D. = **
Model IVSI-1	5-24" I.D. = 3"	5-6" I.D. = 2" 8-16" I.D. = 3" 18-24" I.D. = 4" 26-32" I.D. = 5" 36" I.D. = 6" 42-48" I.D. = 7"	5-8" I.D. = 1" 10-16" I.D. = 2" 18-24" I.D. = 3" 26-32" I.D. = 4" 36" I.D. = 5" 42-48" I.D. = 6"	5-6" I.D. = 1" 8-16" I.D. = 2" 18-24" I.D. = 3" 26-32" I.D.= 4" 36" I.D. = 5" 42-48" I.D. = 6"
Models IVSI -2 &-4	5-24" I.D. = 2"	5-16" I.D. = 1" 18-20" I.D. = 2" 22-24" I.D.= 3" 26-32" I.D.= 4" 36" I.D. = 5" 42-48" I.D.= 6"	5-16" I.D. = .5" 18" I.D. = 1" 20" I.D. = 1.5" 22"-24" I.D.= 2" 26"-32" I.D.=3" 36" I.D.= 4" 42"-48" I.D.=5"	5-16" I.D. = .5" 18-24" I.D. = 2" 26-32" I.D. = 3" 36" I.D. = 4" 42-48" I.D. = 5"

*Under the "Building Heating Appliance Chimney" Listing, 5" through 24" Model IVSI have qualified for UL's additional, optional "Type HT" rating for chimneys for certain appliance venting applications; especially solid fuel.

** See Installation Instruction Manual