

THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Environmental Compliance 59-17 Junction Boulevard, 9th Floor, Flushing, New York 11373 Records Control (718) 595–3855

ln:	stallation Number:		
	Premise Address:		
	Summary sheet for	or Stack Adequacy	
1	Overfire Draft	±	in. w.c.
2	Boiler Draft Loss	-	in. w.c.
3	Total Friction Loss Due to Straight Run of Ducts	-	in. w.c.
4	Total Friction Loss Due to Bends	-	in. w.c.
5	Total Pressure Drops or Gains due to Area chan	ges ±	in. w.c.
6	Other Friction Losses		in. w.c.
7	Stack Effect:	+	in. w.c.
	Total Gains (Sum of Positive Pressure Different	ials) +	in. w.c.
	Total Losses (Sum of Negative Pressure Differer	ntials) -	in. w.c.
	Factor of Safety (Note: e.g. 10% is to be entere	d as 1.10)	
8	Net Available Draft	-	
	(Total Gains) – (Total Losses) x Factor of Safety		in. w.c.
	If line 8 is positive, the stack is adequate. If line 8 is negative and an induced draft fan is t and size the fan accordingly:	o be used, convert net loss to equ	ivalent loss at 70F
	Correction for sizing at 70F:	in. w.c. χ (Te +460)/530) =
	=	in. static pressure at 70F	-
			
	Manufacturer:		
	Catalog Number:		
Cubic Feet per Minute (CFM):			
	Static Pressure (SP):		
Na	ame:		
. : -			
LIC	cense #:		
Da	ate:		Seal and Sign

Calculations must conform to the procedures in the 2009 ASHRAE Fundamentals Chapter 21 and the 2012 ASHRAE Systems and Equipment Chapter 35.