## Flexible Duct Friction Loss Calculator 1. Enter Friction Loss (inches of water), Duct Airflow (CFM), Duct Length and the number of bends. 2. Read Duct Diameter (inches) and Duct Velocity (FPM). Friction Loss **Duct Airflow Duct Length** 90° Bends 45° Bends 180° Bends **Duct Diameter Duct Velocity** (inches of water) (CFM) (inches) (FPM) (feet) (quantity) (quantity) (quantity) 0.10 5000 29.8 1033 1. Enter Round Duct Diameter (inches), Duct Airflow (CFM), Duct Length and the number of bends. 2. Read Friction Loss (inches of water) and Duct Velocity (FPM). **Duct Airflow** 90° Bends 45° Bends 180° Bends Friction Loss Per 100' of duct **Duct Velocity** Duct Diameter (round) **Duct Length** (inches) (CFM) (feet) (quantity) (quantity) (quantity) (inches of water) (FPM) 5000 0.750 2293

Sheet Metal Duct Friction Loss Calculator							
Enter Duct Airflow (CFM), Duct V     Read Round Duct Diameter (inch	elocity (FPM), Duct Length and the res) and Friction Loss (inches of water						
Duct Velocity (FPM)	Duct Airflow (CFM)	Duct Length (feet)	90° Bends (quantity)	45° Bends (quantity)	180° Bends (quantity)	Duct Diameter (inches)	Friction Loss Per 100' of duct (inches of water)
2548	2000	100				12	0.87
1. Enter Friction Loss (inches of water), Duct Airflow (CFM), Duct Length and the number of bends. 2. Read Duct Diameter (inches) and Duct Velocity (FPM).							
Friction Loss Per 100' of duct) (inches of water)	Duct Airflow (CFM)	Duct Length (feet)	90° Bends (quantity)	45° Bends (quantity)	180° Bends (quantity)	Duct Diameter (inches)	Duct Velocity (FPM)
0.87	2000	100	(quantity)	(quantity)	(quartity)	12	2548
Enter Round Duct Diameter (inches), Duct Airflow (CFM), Duct Length and the number of bends.     Read Friction Loss (inches of water) and Duct Velocity (FPM).							
Duct Diameter (round) (inches)	Duct Airflow (CFM)	Duct Length (feet)	90° Bends (quantity)	45° Bends (quantity)	180° Bends (quantity)	Friction Loss Per 100' of duct (inches of water)	Duct Velocity (FPM)
12	2000	100	( )	, , , , , , , , , , , , , , , , , , , ,	(	0.87	2548





