

Silencer Tag: **SA-2**  
 System: -  
 Model: **TPREL**  
 System Type: **Supply**  
 Flow: **4507 cfm**  
 Face Velocity: **1500 fpm**  
 Pressure Drop: **0.15 in WG**

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
IL @ 0 fpm	4	6	8	13	22	21	17	11
DIL @1500 fpm	3	5	7	12	21	21	17	12
GN @1500 fpm	55	46	39	36	35	37	35	32

Construction: **HTL-1**  
 Casing: **Galv Sht 16 GA**  
 Perf: **Galv Perf 22 GA**  
 Media: **Acoustic Media**  
 Media Protection: **Fiberglass Cloth**  
 Inlet Connection: **2in slip**  
 Outlet Connection: **2in slip**

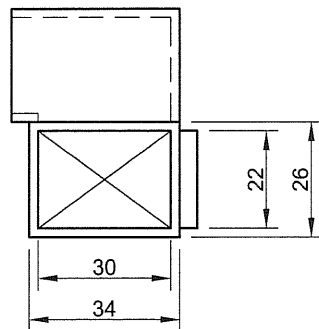
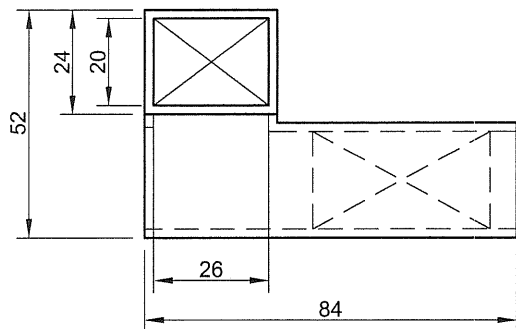
Qty	Item	Unit Wt.	Total Wt.
1	TPREL Silencer	225 lbs	225 lbs

### Submitted for Approval

Notes:

Contractor to install square to round transitions as required

Contractor to confirm all dimensions prior to release for fabrication



Silencer Performance is derived from in-house and independent testing performed in accordance with ASTM Testing Methods for Prefabricated Silencers.

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							1300 Inkster Blvd., Winnipeg, Manitoba, Canada <a href="http://www.vawsystems.com">www.vawsystems.com</a>	
					CUSTOMER <b>Midwest Engineering Ltd.</b>		PROJECT <b>Winnipeg Waste / Water Office - Pacific Ave</b>	
					SCALE <b>NTS</b>		DWG TITLE <b>Plenum Silencer General Arrangement</b>	
					DATE <b>28-JUN-07</b>			
					DWN BY <b>BCN</b>			
					MODEL No. <b>TPREL</b>			
					SIZE <b>A</b>		DWG No. <b>SA-1_2_5</b>	
					REV <b>A</b>		SHT <b>1 of 1</b>	
REVISIONS								