

**GRILLES AND DIFFUSERS**  
**SCHEDULE**  
**(SPEC SECTION: 23 37 13)**

Tag		A1	B	C	K	L
Duty		Supply	Return	Supply	Supply, Return, and Smoke Exhaust	Return
Type & Material		Steel Double Deflection Grille	Steel Return Grille	Steel, square ceiling diffuser	Linear Bar Grille	Steel, Return Wall Grille
Manufacturer & Model Number		Nailor 61 DV-O	Nailor 6145H-O	Nailor RNSA	Nailor 49-240, frame Type-B, concealed fastening Type C	Nailor 6145H
Size (mm)		refer to drawings	refer to drawings	2' x 2'	refer to drawings	refer to drawings
Neck Size (mm)		refer to drawings	refer to drawings	refer to drawings	refer to drawings	refer to drawings
maximum pressure drop (Pa)		24	-	24	24	-
maximum NC noise Level		30	30	30	30	30
OBD Damper		Y	Y	Y	-	-
Remarks				duct damper in each diffuser branch at take-off	Width & Length per drawing. Colour finish - verify with architectural trade, Mechanical Contractor to provide total lengths of grilles and diffusers as shown on Architectural reflected ceiling plans and details.	

Notes:

1. Refer to RCP - Architectural reflected ceiling plans for ceiling type (i.e., Drywall, T-bar) and for total lengths of bar grilles and linear diffusers.
2. Coordinate w/ architectural drawings to confirm exact grid profile and measurement units (imperial or metric ceiling)
3. All diffusers to include for special finish to be determined during the shop drawing review stage, coordinate with architectural division for colour finishes.
4. All grilles and diffusers in GO Transit tenant spaces shall be made of aluminum.
5. Refer to Heritage - FGMDA drawings for heritage grille quantities and locations. Where new mechanical grilles are shown in these heritage grille locations, install the new mechanical grilles recessed behind the heritage grilles, to allow the heritage grille installation flash with the wall or ceiling surface. Coordinate between Mechanical/Heritage/General trades, allow enough recess to receive the heritage grille. Refer to STF-M01-00-08, detail 11.