



# Floor Grille - Heavy Duty

Model: AFG-H

### Construction:

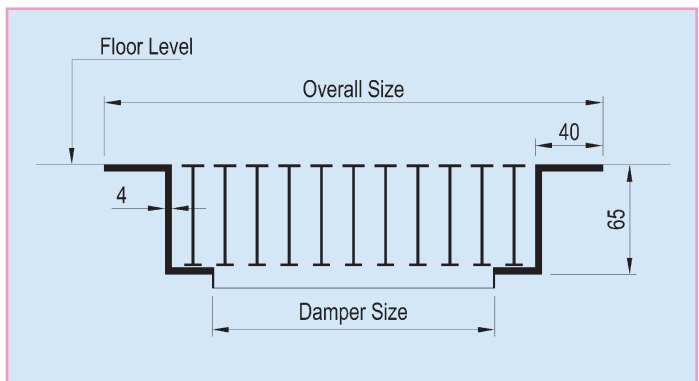
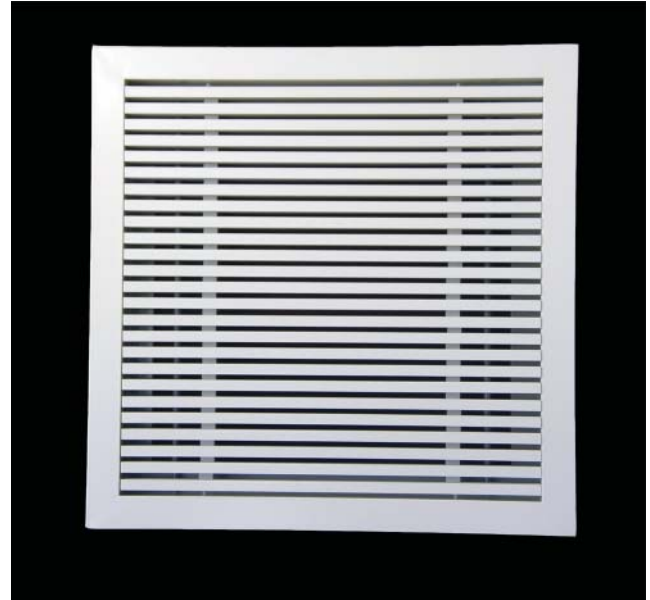
- **Frame:** Heavy gauge high quality extruded aluminium profile 4mm thick, flange width 40mm.
- **Face bars:** 60mm high "I" section made up of high quality extruded aluminium.

### Description:

- Frame is constructed of high quality extruded aluminium profile with the advantages of corrosion resistance and rigidity.
- Structure is robustly constructed with face bars positioned in the frame.
- Face bars assembly is reinforced with steel rods to withstand heavy loads.
- Applicable for installation in gymnasium, sport halls, hospitals and computer rooms.
- A recess of 40mmx4mm has to be provided around the grille, in the floor to install the grill flush with the floor (or) carpet level.

### Standard finishes:

- Powder coated as per RAL color codes.



### Grille Size 600x600mm (Overall Size)

<b>Air Flow in CFM</b>	<b>192</b>	<b>383</b>	<b>424</b>	<b>574</b>	<b>766</b>	<b>957</b>	<b>1149</b>	<b>1340</b>
<b>Air Flow in m<sup>3</sup>/sec</b>	<b>0.091</b>	<b>0.181</b>	<b>0.200</b>	<b>0.271</b>	<b>0.362</b>	<b>0.452</b>	<b>0.542</b>	<b>0.632</b>
<b>Neck velocity in m/s</b>	0.96	1.9	2.1	2.9	3.8	4.8	5.7	6.7
<b>Pressure drop in mm of H<sub>2</sub>O</b>	0.123	0.360	0.480	0.603	0.960	1.55	2.29	3.00
<b>Throw in meters</b>	2.1	2.8	2.9	4.2	5.9	7.5	9.2	10.6
<b>NC</b>	<15	<20	20	25	29	31	33	34

- Data based on 600x600mm Grille.
- Face velocity is measured in m/sec.
- Noise criteria (NC) is based on room attenuation of 10db.