



S W Hart & Co ®

MAKE HART MODEL SLB

## Linear Bar Grille

### FEATURES :

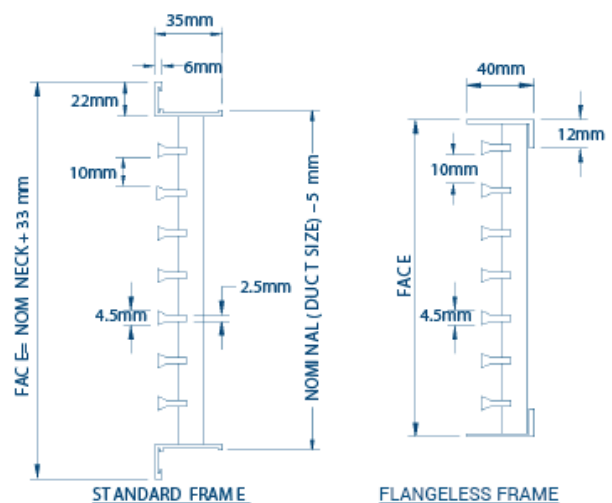
- ⊙ Available with 0° air deflection bars
- ⊙ Available with 15° air deflection bar
- ⊙ Individual max width - 4.1 meters
- ⊙ Modularised to form continuous section
- ⊙ Bar spacing is a standard 10mm
- ⊙ Flangeless system available
- ⊙ Removable inner core is available
- ⊙ Available with swivel core for precise air -directional control
- ⊙ Aluminium construction
- ⊙ Standard powder coat finish in satin white
- ⊙ Alternative colours are available on request
- ⊙ Free area 66%
- ⊙ Available with mitred corners or curved face

### ACCESSORIES :

- ⊙ Filter
- ⊙ Opposed Blade Damper
- ⊙ Stream Splitter Damper
- ⊙ Slide Damper
- ⊙ Removable Inner Core
- ⊙ Blanking Plate
- ⊙ Joining "keys" for alignment of continuous sections
- ⊙ Rear Vertical Adjustable Blades for side blow air pattern control
- ⊙ Plenum Box



### DIMENSION :



### SLB – STANDARD SIZES :

- ⊙ Made to order



# S W Hart & Co <sup>®</sup>

## INSTALLATION :

- ⊙ Ceiling
- ⊙ Floor
- ⊙ Wall

## FLANGE FRAME OPTIONS :

- ⊙ Standard 22mm Flange
- ⊙ Optional 12mm Flange
- ⊙ Optional Flangeless Frame

## Specifications

**LINEAR BAR GRILLE: Values based on 1200 mm Grille**

WIDTH		50 l/s	75 l/s	100 l/s	125 l/s	150 l/s	175 l/s	201 l/s	225 l/s	250 l/s	275 l/s	300 l/s
<b>50mm</b>	Vel m/s	0.83	1.25	1.67	2.08	2.5	2.92	3.33	3.75	4.17		
	Throw mtr	3.87	5	6.37	8.43	10.6	12.5	13.8	16.2	17.5		
	SP Pa	2	4	9	13	18	25	35	45	50		
<b>75mm</b>	Vel m/s		0.83	1.11	1.39	1.67	1.94	2.22	2.5	2.78	3.06	3.33
	Throw mtr		4.5	5.25	6.25	7.5	9.37	11	12	13.75	14.75	16.2
	SP Pa		2	3	4	7	10	13	17	22	25	35
<b>100mm</b>	Vel m/s			0.83	1.04	1.25	1.46	1.67	1.88	2.08	2.29	2.5
	Throw mtr			4.5	5.3	5.6	7.5	8.75	9.6	10.6	12.1	13.5
	SP Pa			2	3	4	5	7	8	10	13	18
<b>125mm</b>	Vel m/s				0.83	1	1.17	1.33	1.5	1.67	1.83	2
	Throw mtr				5	5.3	5.9	7.5	8.4	9	10.6	11.25
	SP Pa				2	3	4	5	6	8	9	10
<b>150mm</b>	Vel m/s					0.83	0.97	1.11	1.25	1.39	1.53	1.67
	Throw mtr					5.3	5.75	6.5	7.5	8.45	9.1	9.6
	SP Pa						2	3	4	5	6	8
<b>175mm</b>	Vel m/s						0.83	0.95	1.07	1.19	1.3	1.44
	Throw mtr						5.6	6	6.5	7	8.5	9
	SP Pa						1	2	3	4	5	6
<b>200mm</b>	Vel m/s							0.83	0.94	1.04	1.15	1.25
	Throw mtr							5.95	6.25	6.75	7.25	8.1
	SP Pa							1	2	3	4	5
<b>225mm</b>	Vel m/s								0.83	0.93	1.02	1.11
	Throw mtr								6.25	6.5	6.75	7.5
	SP Pa								1	2	3	4
<b>250mm</b>	Vel m/s									0.83	0.92	1
	Throw mtr									6.5	6.75	7.25
	SP Pa									2	3	4
<b>275mm</b>	Vel m/s										0.83	0.91
	Throw mtr										6.66	7
	SP Pa										2	3
<b>300mm</b>	Vel m/s											0.83
	Throw mtr											6.9
	SP Pa											2