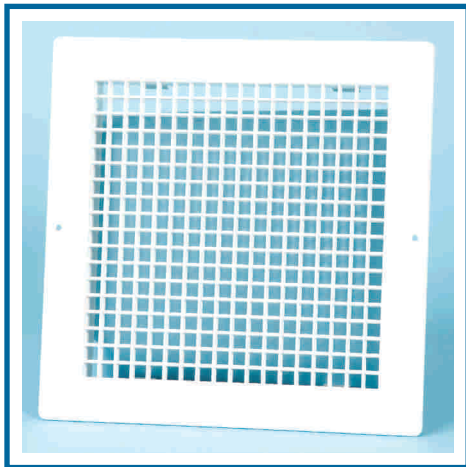


# Aircell E-Series Eggcrate Grilles



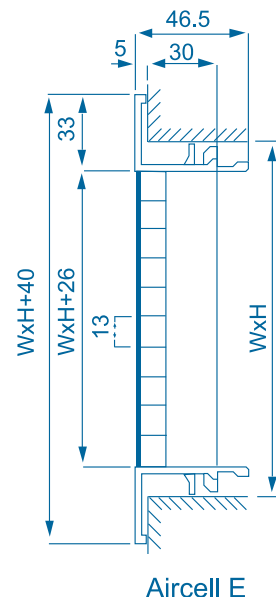
## DESCRIPTION

The Waterloo Aircell E-Series range is manufactured from injection moulded Class O engineering polymer and are self coloured white. The E-Series has a lattice core with a 13mm pitch

## APPLICATION

Aircell E-Series Grilles may be used in the same way as ECG aluminium grilles; however their polymer construction makes them suitable for use in corrosive environments. One big advantage of the E-Series is its very competitive price. Standard polymer neck reducers and OBD's are available ex-stock. Aircell grilles may be used in any air distribution system not exceeding 50°C.

Volume (l/s)	Size WxH	150 x 150	200 x 200	250 x 250	300 x 150	300 x 300	600 x 600
25	Pa	2	-	-	-	-	-
	NR	-	-	-	-	-	-
50	Pa	10	3	-	2	-	-
	NR	-	-	-	-	-	-
100	Pa	40	11	5	10	2	-
	NR	33	15	-	15	-	-
150	Pa	X	26	11	22	5	-
	NR	X	27	-	27	-	-
200	Pa	X	45	19	39	9	-
	NR	X	36	23	36	-	-
250	Pa	X	72	30	62	14	-
	NR	X	44	31	43	16	-
300	Pa	X	X	42	88	20	-
	NR	X	X	38	49	23	-
400	Pa	X	X	74	X	35	-
	NR	X	X	48	X	35	-
500	Pa	X	X	X	X	55	4
	NR	X	X	X	X	44	-
750	Pa	X	X	X	X	X	8
	NR	X	X	X	X	X	-
1000	Pa	X	X	X	X	X	14
	NR	X	X	X	X	X	22
1250	Pa	X	X	X	X	X	21
	NR	X	X	X	X	X	31
1500	Pa	X	X	X	X	X	30
	NR	X	X	X	X	X	39
2000	Pa	X	X	X	X	X	54
	NR	X	X	X	X	X	51
Free Area (m <sup>2</sup> )		0.01	0.02	0.032	0.022	0.048	0.20



## BASIS OF PERFORMANCE DATA

The above data is based upon the grille being used for extract.

Pressure loss is for the grille fitted with a fully open damper.

NR is for a grille fitted with a fully open damper.

(-) indicates a pressure drop of less than 5Pa or an NR of less than 10.

Do not select grilles where a "x" is shown, these selections would give high pressure drops & NR levels.

## OPTIONS/ACCESSORIES

Opposed blade dampers and plenum boxes are all available.

