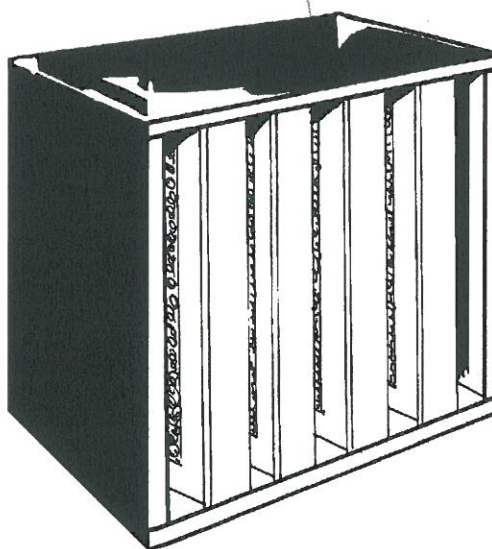


Metal Cased Discarbs

The metal cased 'Discarb' cells have the highest carbon loading in our range, and have standard or heavy duty carbon panels permanently sealed into a galvanised sheet steel casing. This construction gives a very strong unit capable of handling large air volumes or where conditions dictate, increased contact time. The advantage of this unit is that with panels sealed in, there is no possibility of air leakage. Also, these units can be manufactured to almost any reasonable size, the limiting factors being the overall weight for handling purposes and the size of individual panels. When the unit has finished its useful life it is discarded and replaced with a complete new cell.



Performance Chart - (std sizes)

Standard Duty Cells

Nominal Size W x H x L ins	Actual Size W x H x L mm	No. of Panels	Carb wt kg	Discarb wt kg	Air vol m ³ /s	Air vol cfm	Air res Pa
12 x 12 x 12	292 x 292 x 292	6	5	9	0.10	212	75
12 x 12 x 18	292 x 292 x 445	6	8	14	0.15	318	95
12 x 12 x 24	292 x 292 x 597	6	10	18	0.22	466	140
18 x 18 x 12	445 x 445 x 292	8	10	17	0.21	445	55
18 x 18 x 18	445 x 445 x 445	8	15	25	0.31	657	70
18 x 18 x 24	445 x 445 x 597	8	21	33	0.41	868	105
24 x 24 x 12	597 x 597 x 292	12	20	31	0.41	868	70
24 x 24 x 18	597 x 597 x 445	12	31	45	0.61	1292	90
24 x 24 x 24	597 x 597 x 597	12	42	59	0.81	1716	130

Extra Duty Cells

Nominal Size W x H x L ins	Actual Size W x H x L mm	No. of Panels	Carb wt kg	Discarb wt kg	Air vol m ³ /s	Air vol cfm	Air res Pa
12 x 12 x 12	292 x 292 x 292	6	6	10	0.13	275	125
12 x 12 x 18	292 x 292 x 445	6	9	15	0.20	424	175
12 x 12 x 24	292 x 292 x 597	6	12	20	0.27	572	250
18 x 18 x 12	445 x 445 x 292	8	12	19	0.30	635	95
18 x 18 x 18	445 x 445 x 445	8	19	28	0.41	868	125
18 x 18 x 24	445 x 445 x 597	8	25	37	0.54	1144	185
24 x 24 x 12	597 x 597 x 292	12	25	35	0.54	1144	125
24 x 24 x 18	597 x 597 x 445	12	38	52	0.80	1694	150
24 x 24 x 24	597 x 597 x 597	12	51	68	1.06	2245	225

The capacities shown are based on a dwell time of 0.1 seconds

Non-standard sizes

other sizes are available to suit individual requirements. Our technical Department will be pleased to advise.

The company reserves the right to change specifications without notice. E&OE

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