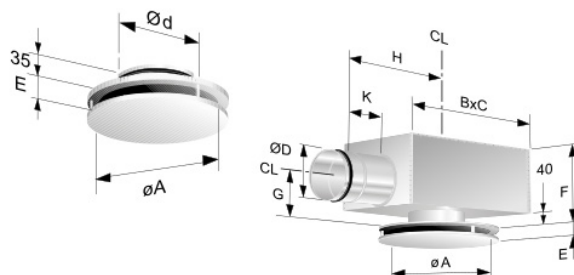


Waterloo Express CDRc Circular Diffuser

Plain face circular diffuser

Quick Facts

- 6 Circular Sizes for direct duct or with ALS commissioning box
- Direct duct mounting or optional ALS commissioning box



Size	ØA	B	C	ØD	Ød	E	F	G	H	K
100	192	227	192	79	99	36/46	160	90	200	50
125	228	282	217	99	124	36/46	180	100	270	80
160	304	342	252	124	159	46/56	204	112	315	80
200	380	404	288	159	199	46/56	239	130	375	100
250	456	504	332	199	249	50/60	279	150	465	115
315	568	622	388	249	314	50/60	340	175	575	140

	100 Dia			125 Dia			160 Dia			200 Dia			250 Dia			315 Dia		
Static Pressure	Air Vol	Throw	Noise	Air Vol	Throw	Noise	Air Vol	Throw	Noise	Air Vol	Throw	Noise	Air Vol	Throw	Noise	Air Vol	Throw	Noise
Pa	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR
5	10	0.8	<20	17	1.2	<20	32	1.5	<20	41	1.7	<20	54	2.0	<20	79	2.7	<20
10	17	1.3	<20	24	1.7	<20	45	2.2	<20	59	2.5	<20	75	2.9	<20	108	3.6	<20
15	22	1.7	22	29	2.0	23	55	2.6	22	73	3.1	21	92	3.5	22	131	4.4	23
20	25	2.0	26	34	2.4	27	63	3.0	26	84	3.6	26	106	4.1	26	151	5.1	27
25	29	2.3	30	38	2.7	30	71	3.3	30	93	3.9	30	119	4.6	30	168	5.7	31
30	31	2.4	32	42	2.9	33	78	3.6	33	102	4.3	34	130	5.0	33	184	6.2	34
35	34	2.6	35	45	3.2	36	84	3.9	35	110	4.6	37	141	5.4	35	198	6.7	36
40	36	2.8	37	48	3.4	38	89	4.1	37	124	5.2	41	151	5.8	38	212	7.2	39

Selection Example

Air volume - 56 l/s. Target static pressure 20 Pa.

Size required to achieve pressure at duty, 160 Dia.

Pre-selected volume (nearest table duty) - 55 l/s. Associated pre-selection pressure - 15 Pa.

Performance based on tabled volume (55), 2.6m throw @ Vt 0.2m/s, 15 Pa, NR22

Pro-rata performance to suit actual duty if necessary.

All performance is for guidance only.

Product Group	Product description	EXPRESS Part Number	Price *
Circular Diffuser	CDRc/100/9010-Matt 20%	EXP-CDR-001	£34.02
	CDRc/125/9010-Matt 20%	EXP-CDR-002	£35.12
	CDRc/160/9010-Matt 20%	EXP-CDR-003	£43.44
	CDRc/200/9010-Matt 20%	EXP-CDR-004	£56.71
	CDRc/250/9010-Matt 20%	EXP-CDR-005	£72.50
	CDRc/315/9010-Matt 20%	EXP-CDR-006	£88.72
Commissioning Box	ALSd 80-100	EXP-ALS-001	£65.00
	ALSd 100-125	EXP-ALS-002	£66.34
	ALSd 125-160	EXP-ALS-003	£68.10
	ALSd 160-200	EXP-ALS-004	£77.86
	ALSd 200-250	EXP-ALS-005	£90.00

* including standard UK delivery.