

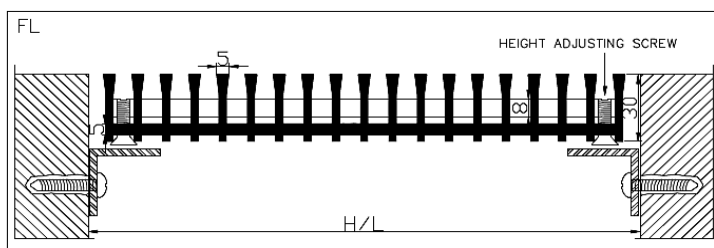
מפרט טכני

Floor Fl



METALPRESS

MAKE THE DIFFERENCE



מפזר קווי המיועד להחלפת אריח רצפתי במערכות מיזוג אוויר תחתון ברצפות צפות. המפזר בנוי מפרופילים מסיביים אשר עומדים בדרישות הריצוף. למפזר ברגי פלוס המאפסים את גובהו עם יתר הריצוף.

אופציות

ניתן לקבל אותם עם או ללא וסתי כמות OBD

גימורים

ציפוי אנודיז

מידות

לפי דרישה

התקנה

על נשאי הרצפה הצפה, או עם הכנת מסגרת עזר

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

38 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M ³ /H		36	53	71	87	104	121	139
	dbA							28	32
	Min-Max Throw, M.	Sidewall	1.5 - 2.1	1.8 - 2.7	2.4 - 4.0	3.7 - 4.9	4.3 - 5.8	4.9 - 6.4	5.5 - 7.6
		Sill & floor	1.2 - 2.1	1.5 - 2.1	2.1 - 3.4	2.7 - 4.0	3.4 - 4.9	3.7 - 5.2	4.6 - 6.1
600	M ³ /H		65	99	131	163	196	228	262
	dbA						27	31	35
	Min-Max Throw, M.	Sidewall	1.5 - 2.4	2.7 - 3.7	3.1 - 4.6	4.3 - 6.1	5.2 - 7.3	5.8 - 8.2	6.4 - 8.8
		Sill & floor	1.2 - 2.1	2.1 - 3.1	2.7 - 3.7	3.7 - 4.9	4.6 - 5.8	4.9 - 6.7	5.2 - 7.3
900	M ³ /H		100	150	201	250	299	350	400
	dbA						29	33	37
	Min-Max Throw, M.	Sidewall	1.8 - 2.7	3.1 - 4.3	3.7 - 5.2	4.6 - 6.4	5.5 - 7.6	6.4 - 8.8	7.3 - 10.1
		Sill & floor	1.5 - 2.1	2.4 - 3.4	3.1 - 4.3	4.0 - 5.2	4.6 - 6.1	5.2 - 7.0	6.1 - 8.2
1200	M ³ /H		134	202	269	337	405	471	539
	dbA					28	33	37	40
	Min-Max Throw, M.	Sidewall	2.1 - 3.1	3.4 - 4.6	4.3 - 6.1	5.5 - 7.6	6.4 - 9.1	7.6 - 10.4	8.2 - 11.9
		Sill & floor	1.8 - 2.4	2.7 - 3.7	3.7 - 4.9	4.6 - 6.1	5.5 - 7.3	6.1 - 7.9	7.3 - 9.8
1500	M ³ /H		170	253	338	423	508	593	677
	dbA					29	34	38	41
	Min-Max Throw, M.	Sidewall	2.4 - 3.4	2.4 - 3.4	4.6 - 6.4	5.8 - 8.2	7.6 - 10.1	8.2 - 11.6	9.4 - 13.4
		Sill & floor	1.8 - 2.7	1.8 - 2.7	4.0 - 5.2	4.9 - 6.7	4.9 - 6.7	6.1 - 7.9	7.9 - 10.7
1800	M ³ /H		204	306	408	510	612	714	816
	dbA					30	34	39	42
	Min-Max Throw, M.	Sidewall	2.4 - 3.7	4.0 - 5.5	5.2 - 7.3	6.4 - 9.1	7.9 - 10.7	9.1 - 12.2	10.4 - 14.3
		Sill & floor	2.1 - 3.1	3.4 - 4.9	4.6 - 5.8	5.5 - 7.3	6.4 - 8.5	7.6 - 10.1	8.5 - 11.6

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

51 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M ³ /H		56	83	112	139	167	196	223
	dbA						27	31	35
	Min-Max Throw, M.	Sidewall	1.5 - 2.1	2.1 - 3.1	3.1 - 4.3	3.7 - 5.2	4.3 - 6.1	5.2 - 7.3	5.8 - 8.2
		Sill & floor	1.2 - 1.8	1.5 - 2.4	2.4 - 3.4	3.1 - 4.3	3.4 - 4.9	4.3 - 5.8	4.6 - 6.7
600	M ³ /H		105	156	209	262	315	367	418
	dbA						30	34	37
	Min-Max Throw, M.	Sidewall	1.5 - 2.4	3.1 - 4.0	3.7 - 5.2	4.6 - 6.4	5.5 - 7.6	6.4 - 8.8	7.3 - 10.1
		Sill & floor	1.5 - 2.1	2.1 - 3.1	3.1 - 4.3	3.7 - 5.2	4.3 - 6.1	5.2 - 7.3	5.8 - 8.2
900	M ³ /H		160	241	321	401	481	561	643
	dbA					27	32	36	39
	Min-Max Throw, M.	Sidewall	2.1 - 3.1	3.4 - 4.6	4.3 - 6.1	5.5 - 7.6	6.4 - 9.1	7.6 - 10.7	8.5 - 12.2
		Sill & floor	1.5 - 2.4	2.4 - 3.7	2.4 - 3.7	4.3 - 6.1	5.2 - 7.3	6.1 - 8.5	7.0 - 9.8
1200	M ³ /H		216	325	432	541	649	757	865
	dbA					28	33	37	40
	Min-Max Throw, M.	Sidewall	2.4 - 3.4	3.7 - 5.2	4.6 - 6.7	6.1 - 8.5	7.6 - 10.4	8.5 - 11.9	9.8 - 13.7
		Sill & floor	1.8 - 2.7	2.7 - 4.0	3.7 - 5.2	4.6 - 6.4	5.5 - 7.9	6.4 - 9.1	7.3 - 10.4
1500	M ³ /H		272	408	544	680	816	952	1088
	dbA					29	34	38	41
	Min-Max Throw, M.	Sidewall	2.4 - 3.7	4.0 - 5.5	5.2 - 7.3	6.4 - 9.1	7.9 - 11.0	9.1 - 12.8	10.7 - 14.6
		Sill & floor	1.8 - 2.7	3.1 - 4.3	4.0 - 5.5	4.9 - 7.6	5.8 - 8.2	6.7 - 9.8	7.9 - 11.0
1800	M ³ /H		328	491	656	819	983	1148	1311
	dbA					30	35	39	42
	Min-Max Throw, M.	Sidewall	2.4 - 3.7	4.3 - 5.8	5.5 - 7.6	6.7 - 9.4	8.2 - 11.3	9.4 - 13.1	10.4 - 14.9
		Sill & floor	1.8 - 2.7	3.1 - 4.3	4.3 - 5.8	5.2 - 7.3	6.1 - 8.5	7.0 - 10.1	7.9 - 11.6

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

63.5 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M ³ /H		78	117	156	196	223	235	274
	dB(A)						28	32	35
	Min-Max Throw, M.	Sidewall	1.5 - 2.4	2.4 - 3.7	3.1 - 4.6	4.3 - 5.8	4.9 - 7.0	5.8 - 8.2	5.8 - 8.2
		Sill & floor	1.2 - 1.8	1.8 - 2.7	2.4 - 3.7	3.4 - 4.9	4.3 - 5.8	4.6 - 6.7	4.6 - 6.7
600	M ³ /H		146	221	294	367	440	513	588
	dB(A)						31	35	38
	Min-Max Throw, M.	Sidewall	1.8 - 2.7	3.1 - 4.3	4.3 - 5.8	5.2 - 7.3	6.1 - 8.5	7.0 - 10.1	8.5 - 11.6
		Sill & floor	1.5 - 2.4	2.4 - 3.4	3.1 - 4.6	4.3 - 5.8	4.9 - 7.0	5.8 - 8.2	6.4 - 9.1
900	M ³ /H		224	338	451	563	675	787	901
	dB(A)					28	33	37	40
	Min-Max Throw, M.	Sidewall	2.4 - 3.4	3.7 - 5.2	4.9 - 7.0	6.1 - 8.5	7.3 - 10.4	8.2 - 11.9	9.8 - 13.7
		Sill & floor	1.8 - 2.7	2.7 - 4.0	3.7 - 5.2	4.6 - 6.7	5.4 - 7.9	6.4 - 9.1	7.3 - 10.4
1200	M ³ /H		303	456	607	758	910	1061	1214
	dB(A)					29	34	38	41
	Min-Max Throw, M.	Sidewall	2.4 - 3.7	4.0 - 5.5	5.2 - 7.3	6.4 - 9.1	7.9 - 11.0	9.1 - 12.8	10.4 - 14.6
		Sill & floor	1.8 - 2.7	3.1 - 4.3	4.3 - 5.8	5.2 - 7.3	6.1 - 8.5	7.0 - 10.1	7.9 - 11.6
1500	M ³ /H		380.8	571	763	954	1144	1335	1527
	dB(A)					30	35	39	42
	Min-Max Throw, M.	Sidewall	2.7 - 4.0	4.3 - 5.8	5.5 - 7.9	7.0 - 10.1	8.2 - 11.9	10.1 - 14.0	11.3 - 15.8
		Sill & floor	2.1 - 3.1	3.1 - 4.6	4.3 - 6.1	5.5 - 7.6	6.4 - 9.1	7.6 - 10.7	8.5 - 12.2
1800	M ³ /H		459	690	920	1149	1379	1608	1838
	dB(A)					31	36	40	43
	Min-Max Throw, M.	Sidewall	3.1 - 4.3	4.6 - 6.4	6.1 - 8.5	7.3 - 10.4	8.8 - 12.5	10.4 - 14.6	11.9 - 16.8
		Sill & floor	2.4 - 3.4	3.4 - 4.9	4.6 - 6.7	5.8 - 8.2	6.7 - 9.8	8.5 - 11.6	9.4 - 13.1

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

76 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M ³ /H		99	150	199	248	298	347	398
	dbA						29	33	36
	Min-Max Throw, M.	Sidewall	1.5 - 2.4	2.7 - 4.0	3.7 - 5.2	4.6 - 6.4	5.5 - 7.6	6.4 - 9.1	7.3 - 10.4
		Sill & floor	1.2 - 2.1	2.1 - 3.1	2.7 - 4.0	3.4 - 4.9	4.3 - 6.1	4.9 - 7.0	5.5 - 7.9
600	M ³ /H		187	279	372	466	559	653	745
	dbA					27	32	36	39
	Min-Max Throw, M.	Sidewall	2.1 - 3.1	3.4 - 4.9	4.6 - 6.4	5.5 - 7.9	6.7 - 9.4	7.9 - 11.0	9.1 - 12.8
		Sill & floor	1.5 - 2.4	2.4 - 3.7	3.4 - 4.9	4.3 - 6.1	5.2 - 7.3	6.1 - 8.5	6.7 - 9.8
900	M ³ /H		286	428	571	714	857	1000	1142
	dbA					29	34	38	41
	Min-Max Throw, M.	Sidewall	2.4 - 3.7	4.0 - 5.5	5.2 - 7.3	6.4 - 9.1	7.9 - 11.0	9.1 - 12.8	10.1 - 14.6
		Sill & floor	1.8 - 2.7	3.1 - 4.3	4.0 - 5.5	4.9 - 7.0	6.1 - 8.5	6.7 - 9.8	7.9 - 11.3
1200	M ³ /H		384	578	770	962	1154	1346	1540
	dbA					30	35	39	42
	Min-Max Throw, M.	Sidewall	2.7 - 4.0	4.3 - 5.8	5.5 - 7.9	6.7 - 7.0	8.2 - 11.9	9.8 - 13.7	11.0 - 15.8
		Sill & floor	2.1 - 3.1	3.4 - 4.6	4.3 - 6.1	5.5 - 7.6	6.7 - 9.4	7.9 - 11.0	8.8 - 12.5
1500	M ³ /H		484.5	726	969	1210	1452	1695	1936
	dbA					31	36	40	43
	Min-Max Throw, M.	Sidewall	3.1 - 4.3	4.6 - 6.4	6.1 - 8.5	7.6 - 10.7	9.1 - 12.8	10.4 - 14.9	12.2 - 17.1
		Sill & floor	2.4 - 3.4	3.4 - 4.9	4.6 - 6.7	5.8 - 8.2	7.0 - 10.1	7.9 - 11.6	9.4 - 13.4
1800	M ³ /H		583	876	1166	1459	1751	2042	2334
	dbA					32	37	41	44
	Min-Max Throw, M.	Sidewall	3.4 - 4.6	4.6 - 6.7	6.1 - 8.8	8.2 - 11.3	9.4 - 13.4	11.3 - 15.8	12.5 - 18.0
		Sill & floor	2.4 - 3.7	4.0 - 5.5	4.9 - 7.0	6.4 - 8.8	7.6 - 10.7	8.8 - 12.5	10.4 - 14.3

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

89 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M³/H		121	180	241	301	360	422	481
	dbA						30	34	38
	Min-Max Throw, M.	Sidewall	1.8 - 2.7	3.1 - 4.3	4.0 - 5.5	4.9 - 7.0	5.8 - 8.2	6.7 - 9.8	7.9 - 11.0
		Sill & floor	1.5 - 2.1	2.4 - 3.4	3.1 - 4.3	4.0 - 5.5	4.6 - 6.4	5.5 - 7.6	6.1 - 8.5
600	M³/H		226	338	452	564	677	791	903
	dbA					28	33	37	40
	Min-Max Throw, M.	Sidewall	2.4 - 3.4	3.4 - 4.9	4.6 - 6.7	5.8 - 8.2	7.0 - 10.1	7.9 - 11.6	9.4 - 13.4
		Sill & floor	1.8 - 2.7	2.7 - 4.0	3.4 - 5.0	4.6 - 6.7	5.5 - 7.9	6.4 - 9.1	7.6 - 10.7
900	M³/H		347	519	692	865	1039	1210	1384
	dbA					30	35	39	42
	Min-Max Throw, M.	Sidewall	2.7 - 4.0	4.3 - 5.8	5.5 - 7.6	6.7 - 9.8	7.9 - 11.6	9.4 - 13.4	10.7 - 15.2
		Sill & floor	2.1 - 3.1	3.1 - 4.6	4.3 - 6.1	5.2 - 7.3	6.4 - 11.9	7.3 - 10.4	8.2 - 11.9
1200	M³/H		466	700	933	1166	1399	1632	1867
	dbA					31	36	40	43
	Min-Max Throw, M.	Sidewall	3.1 - 5.2	4.6 - 6.4	5.8 - 8.2	7.3 - 10.4	8.8 - 12.5	10.1 - 14.6	11.9 - 16.8
		Sill & floor	2.4 - 3.4	3.4 - 4.9	4.6 - 6.7	5.8 - 8.2	6.7 - 9.8	7.9 - 11.3	9.1 - 13.1
1500	M³/H		587	881	1173	1467	1761	2054	2348
	dbA					32	37	41	44
	Min-Max Throw, M.	Sidewall	3.1 - 4.6	4.6 - 6.7	6.4 - 9.1	7.9 - 11.3	9.4 - 13.4	11.0 - 15.8	12.5 - 18.0
		Sill & floor	2.4 - 3.7	3.7 - 5.2	4.9 - 7.0	6.4 - 8.8	7.3 - 10.4	8.5 - 12.2	10.1 - 14.0
1800	M³/H		707	1061	1414	1768	2122	2475	2829
	dbA				27	33	38	42	45
	Min-Max Throw, M.	Sidewall	4.9 - 4.9	5.2 - 7.3	7.0 - 9.8	8.5 - 12.2	10.4 - 14.3	11.9 - 16.8	13.4 - 19.2
		Sill & floor	3.7 - 3.7	4.0 - 5.5	5.5 - 7.6	6.7 - 9.4	7.9 - 11.3	9.4 - 13.1	10.4 - 14.9

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

101.5 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M ³ /H		141	213	282	354	425	495	566
	dbA						30	34	38
	Min-Max Throw, M.	Sidewall	2.1 - 3.1	3.1 - 4.3	4.0 - 5.8	5.2 - 7.3	6.4 - 8.8	7.0 - 10.1	7.9 - 11.6
		Sill & floor	1.5 - 2.4	2.4 - 3.4	3.4 - 4.6	4.0 - 5.8	4.9 - 7.0	5.8 - 8.2	6.4 - 9.1
600	M ³ /H		265	398	530	663	796	928	1061
	dbA					28	33	37	40
	Min-Max Throw, M.	Sidewall	2.4 - 3.7	3.7 - 5.2	4.9 - 7.0	6.4 - 8.8	7.6 - 10.7	8.5 - 12.2	10.1 - 14.0
		Sill & floor	1.8 - 2.7	3.1 - 4.3	4.0 - 5.5	4.9 - 7.0	5.8 - 8.2	6.7 - 9.8	7.9 - 11.0
900	M ³ /H		406	610	813	1017	1221	1423	1625
	dbA					30	35	39	42
	Min-Max Throw, M.	Sidewall	2.7 - 4.0	4.3 - 6.1	5.5 - 7.9	7.0 - 10.1	8.2 - 11.9	10.1 - 14.0	11.3 - 16.2
		Sill & floor	2.1 - 3.1	3.4 - 4.9	4.6 - 6.4	5.5 - 7.9	6.7 - 9.4	7.9 - 11.0	9.1 - 12.8
1200	M ³ /H		547	823	1097	1370	1644	1918	2193
	dbA					31	36	40	43
	Min-Max Throw, M.	Sidewall	3.1 - 4.3	4.6 - 6.7	6.1 - 8.8	7.9 - 11.0	9.4 - 13.4	10.8 - 15.5	12.2 - 17.7
		Sill & floor	2.4 - 3.4	3.7 - 5.2	4.9 - 7.0	6.1 - 8.5	7.3 - 10.4	8.2 - 11.9	9.8 - 13.7
1500	M ³ /H		690.2	1034	1379	1724	2069	2414	2757
	dbA					32	37	41	44
	Min-Max Throw, M.	Sidewall	3.4 - 4.6	4.9 - 7.0	7.0 - 9.4	8.2 - 11.9	10.1 - 14.0	11.6 - 16.5	13.4 - 18.9
		Sill & floor	2.4 - 3.7	4.0 - 5.5	5.2 - 7.3	6.4 - 9.1	7.9 - 11.3	9.4 - 12.8	10.4 - 14.9
1800	M ³ /H		829.6	1244.4	1659.2	2074	2488.8		3318.4
	dbA				27	33	38	42	45
	Min-Max Throw, M.	Sidewall	3.7 - 5.2	5.5 - 7.6	7.0 - 10.1	8.8 - 12.5	10.7 - 15.2	12.2 - 17.7	14.3 - 20.1
		Sill & floor	2.7 - 4.0	4.0 - 5.8	5.5 - 7.9	7.0 - 9.8	8.2 - 11.9	9.8 - 13.7	11.0 - 15.8

Performance Data - D0, D15, D30 / FL / SF

The data of this table are for D0.

Regarding D15, you have to add 10% to the Throw.

And regarding D30, you have to add 20% to the Throw.

152 mm. Duct Height

Length mm.	Velocity M/S		2	3	4	5	6	7	8
	Rating	Application							
300	M ³ /H		226	338	452	564	677	791	903
	dbA					27	32	36	40
	Min-Max Throw, M.	Sidewall	2.4 - 3.4	3.4 - 4.9	4.6 - 6.7	5.8 - 8.2	7.0 - 10.1	7.9 - 11.6	9.4 - 13.4
		Sill & floor	1.8 - 2.7	2.7 - 4.0	3.7 - 5.2	4.6 - 6.7	5.5 - 7.9	6.4 - 9.1	7.6 - 10.7
600	M ³ /H		423	636	847	1059	1272	1482	1695
	dbA					30	35	39	42
	Min-Max Throw, M.	Sidewall	2.7 - 4.0	4.3 - 6.1	5.8 - 8.2	7.3 - 10.4	8.5 - 12.2	10.4 - 14.3	11.6 - 16.5
		Sill & floor	2.1 - 3.1	3.4 - 4.9	4.6 - 6.4	5.5 - 7.9	6.7 - 9.4	7.9 - 11.3	9.1 - 12.8
900	M ³ /H		649	974	1299	1624	1948	2273	2598
	dbA					32	37	41	44
	Min-Max Throw, M.	Sidewall	3.4 - 4.6	4.6 - 6.7	6.4 - 8.8	7.9 - 11.0	9.4 - 13.4	11.0 - 15.5	12.2 - 17.7
		Sill & floor	2.4 - 3.7	4.0 - 5.5	5.2 - 7.3	6.4 - 9.1	7.9 - 11.0	8.8 - 12.5	10.4 - 14.3
1200	M ³ /H		876	1312	1751	2188	2625	3063	3502
	dbA				27	33	38	42	45
	Min-Max Throw, M.	Sidewall	3.4 - 4.9	5.5 - 7.6	7.6 - 10.1	8.8 - 12.5	10.4 - 14.9	12.2 - 17.7	14.3 - 20.1
		Sill & floor	2.7 - 4.0	4.3 - 6.1	5.5 - 7.9	7.0 - 10.1	8.2 - 11.9	10.1 - 14.6	11.3 - 16.2
1500	M ³ /H		1101.6	1651	2202	2752	3303	3854	4403
	dbA				28	34	39	43	46
	Min-Max Throw, M.	Sidewall	4.0 - 5.5	5.8 - 8.2	7.9 - 11.0	9.8 - 13.7	11.6 - 16.5	13.1 - 19.2	15.5 - 22.3
		Sill & floor	3.1 - 4.3	4.6 - 6.4	6.1 - 8.5	7.6 - 10.7	9.1 - 12.8	10.4 - 14.9	12.2 - 17.1
1800	M ³ /H		1326	1989	2652	3315	3978	4641	5304
	dbA				29	35	40	44	47
	Min-Max Throw, M.	Sidewall	4.0 - 5.8	6.4 - 8.8	7.9 - 11.6	10.7 - 14.6	11.9 - 17.4	14.6 - 20.4	16.5 - 23.2
		Sill & floor	3.4 - 4.6	4.6 - 6.7	6.4 - 9.1	8.2 - 11.3	9.8 - 13.7	11.0 - 15.8	12.8 - 18.3