

מפרט טכני

Ceiling

HB / UB / EB



METALPRESS

MAKE THE DIFFERENCE

מפזרים אלה עוצבו במיוחד על מנת להיענות לדרישת המעצבים והמתכננים שמפזרי האוויר יהיו בולטים כמה שפחות ושיתלבו ברקע עליו הם מותקנים.

מפזרים תקרתיים אלו, המעוצבים מאלומיניום משוך, הנם בעלי יכולת פיזור האוויר לארבעה כיוונים. הם משמשים לאספקת אוויר קר או חם במערכות מרכזיות וביתיות כאחד.

אופציות

- ◀ דגם Studio / Classic
- ◀ ניתן לקבל אותם עם או ללא וסת כמות OBD (רגיסטר - R)

דגמים

- ◀ HB - מפזר פרח לתקרה נמוכה, להתקנה שטוחה
- ◀ HS - מפזר פרח לתקרה גבוהה, להתקנה שטוחה
- ◀ UB - מפזר פרח במסגרת U לתקרה נמוכה
- ◀ US - מפזר פרח במסגרת U לתקרה גבוהה
- ◀ EB - מפזר פרח לתקרה נמוכה, עם מסגרת צרה
- ◀ ES - מפזר פרח לתקרה גבוהה, עם מסגרת צרה

גימורים

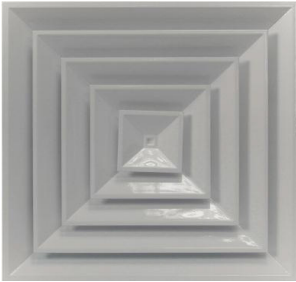
- ◀ סטנדרט - צבע לבן שבור קלוי בתנור בגוון העדין והמיוחד של STUDIO
- ◀ צבעי RAL שונים

מידות

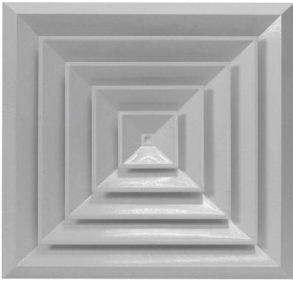
- ◀ מידות מדף לאספקה במדרגות של 3": 6"x6", 9"x9", 12"x12", 15"x15", 18"x18"

התקנה

- ◀ חיבור צוואר המסגרת לתעלה או למתאם על ידי ברגים



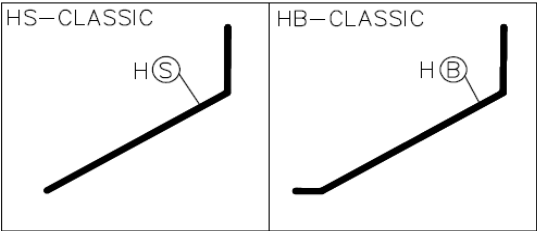
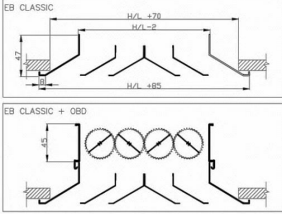
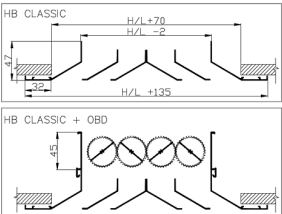
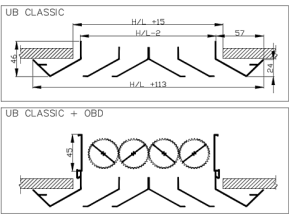
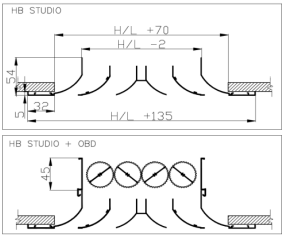
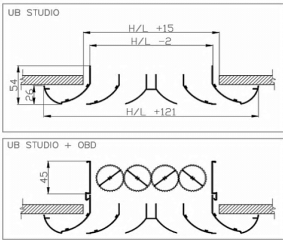
EB40

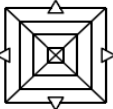
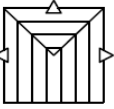
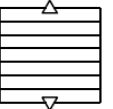
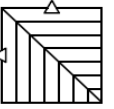
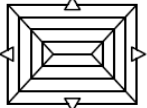
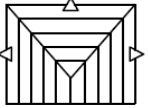
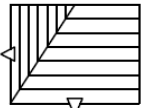
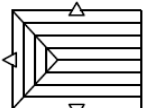
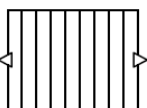
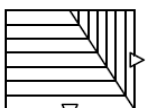
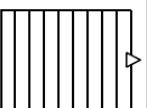


UB40



HB40



	4 WAY	3 WAY	2 WAY		1 WAY
SQOARE DIFFUSER	 40	 30	 20	 22	 10
RECTANGULAR DIFFUSER	 42	 31	 21L	 23	 10L
		 32	 21S	 24	 10S

E			U			H			דגם מידה
חץ	צוואר	פתח	חץ	צוואר	פתח	חץ	צוואר	פתח	
240	151	221	265	151	151	290	151	221	6"x6"
315	226	296	340	226	226	365	226	296	9"x9"
395	304	374	420	304	304	442	304	374	12"x12"
468	379	449	493	379	379	518	379	449	15"x15"
545	456	526	570	456	465	595	456	526	18"x18"
622	532	602	645	532	532	670	532	602	21"x21"
690	606	676	723	606	606	745	606	676	24"x24"

Performance Data - HB-UB / DWB (1 Way Square, Rectangular)

SIZE IN mm	NECK VEL. M/S	2	2.2	2.5	2.8	3	3.3	3.5
150 X 150 F=0.018	M ³ /H	170	190	213	233	255	275	298
	THROW. M	2.4-4	3-4.3	3.4-4.6	3.4-4.9	3.7-5.2	3.7-5.2	4-5.5
	PRESS. mm	1.22	1.50	1.9	2.5	2.7	3.1	3.6
	NC	18	19	21	22	23	24	26
225 X 225 F=0.033	M ³ /H	381	428	476	524	571	619	666
	THROW. M	3.7-6.1	4.6-6.7	4.9-6.7	5.2-7	5.5-7.6	5.5-7.6	5.8-8.2
	PRESS. mm	0.9	1.2	1.5	1.7	2.1	2.4	2.8
	NC	20	21	23	24	26	27	28
300 X 300 F=0.054	M ³ /H	680	765	850	935	1020	1105	1190
	THROW. M	6.1-8.2	6.1-8.5	6.4-9.1	6.7-9.8	7-10.1	7.3-10.7	7.6-10.7
	PRESS. mm	1.4	1.8	2.2	2.6	3.1	3.6	4.2
	NC	21	22	24	26	27	28	30
380 X 380 F=0.063	M ³ /H	1061	1193	1326	1459	1591	1724	1856
	THROW. M	7.3-10.4	7.6-11	8.2-11.6	8.5-12.2	8.8-12.2	9.1-12.5	9.8-13.4
	PRESS. mm	1.4	1.6	2.1	2.5	3.0	3.6	4.0
	NC	24	26	28	30	31	33	35
150 X 225 F=0.184	M ³ /H	255	287	320	350	383	415	445
	THROW. M	3.7-5.2	3.7-5.2	4-5.8	4.3-5.8	4.3-6.1	4.6-6.4	4.6-6.7
	PRESS. mm	1.3	0.8	2.0	2.4	2.9	3.4	4.0
	NC	19	20	22	23	25	26	27
225 X 300 F=0.153	M ³ /H	510	575	638	702	765	830	893
	THROW. M	4.9-7	5.5-7.6	5.8-8.2	5.8-8.5	6.1-8.8	6.4-9.1	6.7-9.4
	PRESS. mm	1.2	1.6	1.9	2.3	2.9	3.3	3.8
	NC	21	23	24	26	27	29	30
225 X 380 F=0.198	M ³ /H	638	717	797	877	957	1037	1115
	THROW. M	5.5-7.9	6.1-8.2	6.4-8.8	4.6-6.4	7-9.8	7-10.1	7.3-10.4
	PRESS. mm	1.2	1.5	1.8	2.2	2.6	3.2	3.7
	NC	22	24	26	27	29	30	32
300 X 380 F=0.385	M ³ /H	850	955	1063	1170	1275	1382	1488
	THROW. M	6.4-9.1	7-9.8	7.3-10.4	7.6-10.7	7.9-11.3	8.2-11.9	8.5-12.2
	PRESS. mm	1.2	1.6	1.9	2.4	2.9	3.4	3.9
	NC	22	24	26	28	29	31	33
300 X 450 F=0.716	M ³ /H	1020	1148	1275	1403	1530	1658	1785
	THROW. M	7.3-10.1	7.6-10.7	7.9-10.7	8.2-11.9	8.8-12.2	9.1-12.8	9.8-13.1
	PRESS. mm	1.3	1.7	2.0	2.5	3.0	3.6	4.1
	NC	23	25	27	29	31	32	34
150 X 300 F=0.025	M ³ /H	340	383	425	468	510	553	595
	THROW. M	4.3-5.8	4.3-6.1	4.6-6.4	4.9-7	5.2-7	5.2-7.3	5.5-7.6
	PRESS. mm	1.2	1.6	2.0	2.4	2.9	3.2	4.0
	NC	19	21	23	24	26	27	29
150 X 380 F=0.030	M ³ /H	425	478	530	585	638	690	745
	THROW. M	4.6-6.4	4.9-7	5.2-7.3	5.5-7.6	5.8-7.9	5.8-8.2	6.1-8.5
	PRESS. mm	1.2	1.5	1.8	2.3	2.7	3.2	3.7
	NC	20	22	24	25	26	28	29
150 X 450 F=0.043	M ³ /H	510	573	638	702	765	828	893
	THROW. M	4.9-7	5.5-7.6	5.8-8.2	5.8-8.5	6.1-8.5	6.4-9.1	6.7-9.4
	PRESS. mm	1.2	1.6	1.9	2.3	2.9	3.3	3.8
	NC	21	23	24	26	27	29	30
150 X 550 F=0.051	M ³ /H	595	670	743	818	893	969	1056
	THROW. M	5.5-7.6	5.8-8.2	6.1-8.8	6.4-9.1	6.7-9.4	7-9.8	7.3-10.1
	PRESS. mm	1.2	1.6	2.0	2.3	2.8	3.3	3.8
	NC	20	22	24	25	27	28	30
150 X 600 F=0.061	M ³ /H	680	765	850	935	1020	1105	1190
	THROW. M	6.1-8.2	6.1-8.5	6.4-9.1	6.7-9.8	7-10.1	7.3-10.7	7.6-10.7
	PRESS. mm	1.2	1.5	1.9	2.3	2.8	3.2	3.8
	NC	20	22	24	28	27	29	30
225 X 450 F=0.069	M ³ /H	765	860	957	1052	1148	1243	1340
	THROW. M	5.8-8.8	6.4-9.1	7-9.8	7.3-10.4	7.6-10.7	7.9-11	8.2-11.6
	PRESS. mm	1.2	1.6	1.9	2.3	2.8	3.3	3.8
	NC	22	23	25	26	28	30	34
225 X 550 F=0.067	M ³ /H	891	1003	1114	1224	1336	1448	1559
	THROW. M	7-9.4	7-9.8	7.3-10.7	7.6-11	8.2-11.3	8.5-12.2	9.1-12.2
	PRESS. mm	1.3	1.7	2.0	2.5	3.0	3.5	4.0
	NC	22	25	29	28	30	31	33
225 X 600 F=0.084	M ³ /H	1020	1148	1275	1403	1530	1658	1785
	THROW. M	7.3-10.1	7.6-10.7	7.9-11.3	8.2-11.9	8.8-12.2	9.1-12.8	9.8-13.1
	PRESS. mm	1.3	1.7	2.0	2.5	3.0	3.6	4.1
	NC	23	25	27	29	31	32	34
300 X 600 F=0.102	M ³ /H	1360	1530	1700	1870	2040	2210	2380
	THROW. M	8.5-11.6	8.8-12.2	9.1-13.1	9.8-13.7	10.1-14	10.4-14.9	11.9-12.2
	PRESS. mm	1.3	1.6	2.3	2.5	3.0	3.6	4.2
	NC	24	27	29	31	33	35	38

Performance Data - HB-UB / DWB (2 Way Square, Rectangular)

SIZE IN mm	NECK VEL. M/S	2	2.2	2.5	2.8	3	3.3	3.5
150 X 150 F=0.012	M ³ /H	170	190	213	233	255	275	298
	THROW. M	3-3.9	3-4.3	3-4-4.6	3-4-4.9	3-7-5.2	3-7-5.2	4-5-5
	PRESS. mm	1.22	1.50	1.9	2.5	2.7	3.1	3.6
	NC	18	19	21	22	23	24	26
225 X 225 F=0.026	M ³ /H	381	428	476	524	571	619	666
	THROW. M	4.3-6.1	4-6-6.7	4-9-7	4-9-7.3	5-2-7.6	5-5-7.9	5-8-8.2
	PRESS. mm	0.9	1.2	1.5	1.7	2.0	2.4	2.8
	NC	20	21	23	24	26	27	28
300 X 300 F=0.046	M ³ /H	680	765	850	935	1020	1105	1190
	THROW. M	5-8-8.2	6-1-8.8	6-4-9.1	6-7-9.8	7-10.1	7-3-10.7	7-6-10.7
	PRESS. mm	1.4	1.8	2.2	2.6	3.1	3.6	4.2
	NC	21	22	24	26	27	28	30
380 X 380 F=0.069	M ³ /H	1061	1193	1326	1459	1591	1724	1856
	THROW. M	7-10.4	7-6-11	7-9-11.3	8-5-12.2	8-8-12.5	9-1-13.1	9-4-13.7
	PRESS. mm	1.4	1.6	2.1	2.5	3.0	3.6	4.0
	NC	24	26	28	30	31	33	35
450 X 450 F=0.099	M ³ /H	1530	1720	1913	2108	2295	2485	2678
	THROW. M	7-3-10.4	7-6-11	8-2-11.6	8-5-12.2	8-8-12.8	9-4-13.1	9-8-13.4
	PRESS. mm	1.7	2.0	2.4	2.9	3.5	4.1	4.7
	NC	27	30	32	34	36	37	40
550 X 550 F=0.134	M ³ /H	2081	2341	2601	2861	3121	3383	3641
	THROW. M	10-1-14.3	10-7-15.2	11-3-16.2	11-9-17.1	12-5-17.7	12-8-18.6	13-4-19.2
	PRESS. mm	1.6	2.0	2.4	2.9	3.5	4.0	4.7
	NC	27	29	30	33	34	36	39
600 X 600 F=0.174	M ³ /H	2720	3060	3400	3740	4080	4420	4760
	THROW. M	11-6-16.5	12-5-17.7	13-1-18.6	13-7-19.5	14-3-20.1	14-6-21	15-2-21.9
	PRESS. mm	1.6	2.0	2.5	3.0	3.6	4.1	4.9
	NC	27	29	31	33	35	37	40
150 X 225 F=0.184	M ³ /H	255	287	320	350	383	415	445
	THROW. M	3-7-4.9	3-7-5.2	4-5-5	4-3-5.8	4-3-6.1	4-6-6.4	4-6-6.7
	PRESS. mm	1.5	1.9	2.3	2.6	3.2	3.7	4.2
	NC	19	20	22	23	25	26	27
150 X 300 F=0.023	M ³ /H	340	383	425	468	510	553	595
	THROW. M	4-5-8	4-3-6.1	4-9-6.7	4-9-7	5-2-7.3	5-5-7.6	5-5-7.9
	PRESS. mm	1.3	1.6	2.1	2.6	3.1	3.5	4.1
	NC	20	21	23	24	26	27	29
225 X 300 F=0.025	M ³ /H	510	575	638	702	765	830	893
	THROW. M	5-5-7.3	6-1-7.6	6-4-7.9	6-4-8.2	6-7-8.8	7-3-8.8	7-6-9.4
	PRESS. mm	1.2	1.8	2.2	2.6	3.1	3.6	4.0
	NC	23	25	27	29	30	32	34
225 X 380 F=0.044	M ³ /H	638	717	797	877	957	1037	1115
	THROW. M	5-5-7.9	6-1-8.5	6-4-8.8	5-5-7.6	6-7-9.8	7-3-10.4	7-6-10.7
	PRESS. mm	1.2	1.8	2.3	2.3	2.9	3.8	4.3
	NC	21	23	25	25	28	30	31
225 X 450 F=0.050	M ³ /H	765	860	957	1052	1148	1243	1340
	THROW. M	6-1-8.8	6-4-9.1	7-9-8	7-3-10.1	7-9-10.7	7-6-11.3	7-9-10.7
	PRESS. mm	1.5	1.9	2.3	2.7	3.3	3.7	4.3
	NC	21	23	25	26	28	30	31
225 X 550 F=0.059	M ³ /H	891	1003	1114	1224	1336	1448	1559
	THROW. M	6-7-9.4	7-10.1	7-3-10.7	7-6-11	7-9-11.6	8-5-12.2	8-8-12.5
	PRESS. mm	1.3	1.6	1.9	2.3	2.7	3.1	3.6
	NC	23	25	26	28	30	32	34
300 X 380 F=0.061	M ³ /H	850	955	1063	1170	1275	1382	1488
	THROW. M	6-4-9.1	6-7-9.8	7-3-10.4	7-6-10.7	7-9-11.3	8-2-11.9	8-5-12.2
	PRESS. mm	1.5	1.9	2.3	2.8	3.3	3.8	4.4
	NC	23	24	26	28	29	30	31
300 X 450 F=0.067	M ³ /H	1020	1148	1275	1403	1530	1658	1785
	THROW. M	7-10.1	7-3-10.7	7-6-11.3	8-2-11.6	8-8-12.5	9-1-12.8	9-4-13.4
	PRESS. mm	1.6	1.9	2.3	2.8	3.3	3.8	4.5
	NC	24	26	28	30	31	33	34
225 X 550 F=0.077	M ³ /H	1190	1340	1488	1637	1785	1935	2083
	THROW. M	7-11	7-6-11.6	7-9-12.2	8-2-12.8	8-8-13.4	9-1-14	9-4-14.6
	PRESS. mm	1.6	1.9	2.3	2.9	3.4	4.0	4.6
	NC	25	27	29	31	33	35	37
300 X 600 F=0.088	M ³ /H	1020	1530	1700	1870	2040	2210	2380
	THROW. M	8-2-11.6	8-5-12.5	9-1-13.1	9-8-13.7	10-1-14.3	10-7-14.9	10-7-14.9
	PRESS. mm	1.5	2.0	2.4	2.9	3.4	4.0	4.0
	NC	27	29	31	33	35	37	37

Notes On Performance Data

- throw is based on a 0° temperature differential. Minimum throw is to terminal velocity vt of 0.5 m/s and maximum to 0.25 m/s.
- All pressures are mm of water. To obtain static pressure, subtract velocity pressure at head of column from total pressure.
- The NC values are based on a room absorption of 18 DBa. Re 1013 watts, F = Surface Outake, M².

Performance Data - HB-UB / DWB (3 Way Square, Rectangular)

SIZE IN mm	NECK VEL. M/S	2	2.2	2.5	2.8	3	3.3	3.5
150 X 150 F=0.016	M ² /H	170	190	213	233	255	275	298
	THROW. M	2.7-4	1.8-2.7	2.1-3	2.1-3	2.1-3.4	2.4-3.4	2.4-3.4
	PRESS. mm	0.99	1.22	1.5	1.8	2.1	2.4	2.9
	NC	15	16	17	19	20	21	22
225 X 225 F=0.311	M ² /H	381	428	476	524	571	619	666
	THROW. M	2.7-4	3-4.3	3-4.3	3.4-4.6	3.4-4.9	3.4-4.9	3.7-5.2
	PRESS. mm	1.1	1.4	1.7	2.0	2.3	2.7	3.2
	NC	18	19	21	22	24	25	27
300 X 300 F=0.053	M ² /H	680	765	850	935	1020	1105	1190
	THROW. M	3.7-5.2	4-5.5	4.3-5.8	4.3-6.1	4.6-6.4	4.6-6.7	4.9-7
	PRESS. mm	1.1	1.4	1.7	2.1	2.4	2.8	3.3
	NC	18	20	22	23	25	26	28
380 X 380 F=0.081	M ² /H	1061	1193	1326	1459	1591	1724	1856
	THROW. M	4.6-6.7	4.9-7.6	5.2-7.3	5.5-7.6	5.8-7.9	5.8-8.2	6.1-8.5
	PRESS. mm	1.1	1.5	1.8	2.1	2.5	2.9	3.5
	NC	20	21	23	25	27	28	30
450 X 450 F=0.116	M ² /H	1530	1720	1913	2108	2295	2485	2678
	THROW. M	5.5-7.6	6.1-8.2	6.1-8.8	6.7-9.1	6.7-9.8	7-10.1	7.3-10.4
	PRESS. mm	1.4	1.8	2.2	2.7	3.2	3.7	4.3
	NC	21	23	25	27	29	30	32
600 X 600 F=0.204	M ² /H	2720	3060	3400	3740	4080	4420	4760
	THROW. M	7.3-10.4	7.9-11.3	8.2-11.6	8.5-12.2	9.1-12.8	9.4-13.4	9.8-13.7
	PRESS. mm	1.5	2.0	2.4	2.9	3.4	3.9	4.5
	NC	23	27	28	30	32	34	36
150 X 225 F=0.022	M ² /H	255	287	320	350	383	381	445
	THROW. M	2.1-3.4	2.4-3.4	2.4-3.7	2.7-3.7	2.7-4	3-4	3-4.3
	PRESS. mm	1.0	1.3	1.6	2.0	2.3	2.7	3.1
	NC	17	18	20	21	22	24	25
150 X 300 F=0.028	M ² /H	340	383	425	468	510	553	595
	THROW. M	2.7-3.7	2.7-4	3-4.3	3-4.3	3.4-4.6	3.4-4.9	3.4-4.9
	PRESS. mm	0.9	1.2	1.5	2.4	2.4	2.4	2.9
	NC	18	20	21	22	24	25	27
150 X 380 F=0.034	M ² /H	425	478	530	585	638	690	745
	THROW. M	3-4.3	3-4.3	3.4-4.3	3.4-4.9	3.7-5.2	3.7-5.2	4-5.5
	PRESS. mm	1.1	1.4	1.7	2.0	2.4	2.8	3.2
	NC	18	19	21	22	24	25	27
225 X 300 F=0.040	M ² /H	510	575	638	702	765	830	893
	THROW. M	3.4-4.6	3.4-4.9	3.4-4.9	3.7-5.5	4-5.8	4-6.1	4.3-6.4
	PRESS. mm	1.2	1.5	1.4	2.3	2.7	2.8	3.4
	NC	18	20	19	24	25	26	28
225 X 380 F=0.050	M ² /H	637.5	717	797	877	957	1037	1115
	THROW. M	3.7-5.2	4-5.5	4-5.5	4.3-6.1	4.3-6.1	4.6-6.4	4.9-6.7
	PRESS. mm	1.1	1.5	1.4	2.2	2.6	3.0	3.4
	NC	17	19	21	23	24	25	26
225 X 450 F=0.059	M ² /H	765	860	957	1052	1148	1243	1340
	THROW. M	4-5.5	4.3-6.1	4.3-6.1	4.6-6.4	4.9-6.7	4.9-7	5.2-7.3
	PRESS. mm	1.4	1.5	1.8	2.1	2.5	2.8	3.2
	NC	18	20	21	23	24	26	28
225 X 550 F=0.069	M ² /H	891	1003	1114	1226	1338	1448	1559
	THROW. M	4.3-6.1	4.6-6.4	4.9-6.7	6.4-9.1	6.7-9.4	5.5-7.6	5.5-7.9
	PRESS. mm	1.1	1.5	1.7	2.3	2.8	3.3	3.3
	NC	19	20	22	25	27	28	29
150 X 600 F=0.078	M ² /H	1020	1148	1275	1403	1530	1658	1785
	THROW. M	4.6-6.4	4.9-7	5.2-7.3	6.7-9.8	7-10.1	7.3-10.7	7.6-10.7
	PRESS. mm	1.2	1.4	1.8	2.3	2.8	2.8	3.8
	NC	20	21	23	28	27	27	30
300 X 380 F=0.069	M ² /H	850	955	1063	1170	1336	1448	1559
	THROW. M	4.3-5.8	4.3-6.1	4.6-6.7	4.9-7	5.2-7.3	5.5-7.6	5.5-7.9
	PRESS. mm	1.4	1.5	1.7	2.1	2.5	2.8	3.3
	NC	19	20	22	24	26	27	29
300 X 450 F=0.078	M ² /H	1020	1148	1275	1403	1530	1658	1785
	THROW. M	4.6-6.4	4.9-7	5.2-7.3	4.7-6	5.5-7.9	5.8-8.2	6.1-8.5
	PRESS. mm	1.2	1.4	1.8	2.2	2.6	2.9	3.5
	NC	20	21	23	25	27	28	30
300 X 550 F=0.091	M ² /H	1190	1340	1488	1640	1790	1940	2090
	THROW. M	4.9-7	5.2-7.3	5.5-7.9	8.2-11.9	8.8-12.2	9.1-12.8	6.1-8.5
	PRESS. mm	1.2	1.5	1.9	2.5	3.0	3.6	3.5
	NC	20	21	23	29	31	32	30
300 X 600 F=0.103	M ² /H	1360	1530	1700	1870	2040	2210	2380
	THROW. M	4.6-6.1	4.9-6.7	5.2-7	9.8-13.7	10.1-14	10.4-14.9	11.9-12.2
	PRESS. mm	1.3	1.7	2.1	2.5	3.0	3.6	4.2
	NC	20	22	24	31	33	35	38

Notes On Performance Data

1. throw is based on a 0° temperature differential. Minimum throw is to terminal velocity vt of 0.5 m/s and maximum to 0.25 m/s.
2. All pressures are mm of water. To obtain static pressure, subtract velocity pressure at head of column from total pressure.
3. The NC values are based on a room absorption of 18 DbA. Re 1013 wats, F = Surface Outake, M².

Performance Data - HB-UB / DWB (4 Way Square, Rectangular)

SIZE IN mm	NECK VEL. M/S	2	2.2	2.5	2.8	3	3.3	3.5
150 X 150 F=0.019	M ³ /H	170	190.4	212.5	232.9	255	275.4	297.5
	THROW. M	1.5-2.4	1.5-2.7	1.8-2.7	2.1-3	2.1-3	2.4-3.4	2.4-3.4
	PRESS. mm	0.79	0.97	1.3	1.4	1.7	2.0	2.3
	NC	15	16	17	19	20	21	22
225 X 225 F=0.034	M ³ /H	380.8	428.4	476	523.6	571.2	618.8	666.4
	THROW. M	2.4-3.7	2.7-4	4.4-3	4.4-3	3.4-4.6	3.4-4.9	3.7-4.9
	PRESS. mm	0.9	1.3	1.5	1.8	2.1	2.2	2.8
	NC	18	19	21	22	24	25	26
300 X 300 F=0.055	M ³ /H	680	765	850	935	1020	1105	1190
	THROW. M	3.4-4.9	3.7-5.5	4-5.8	4.3-6.1	4.3-6.4	4.6-6.7	4.9-7
	PRESS. mm	1.0	1.2	1.6	1.9	2.3	2.3	3.1
	NC	18	20	22	23	25	26	28
380 X 380 F=0.083	M ³ /H	1060.8	1193.4	1326	1458.6	1591.2	1723.8	1856.4
	THROW. M	4.3-6.4	4.9-6.7	5.2-7	5.2-7.3	5.5-7.6	5.8-7.9	5.8-8.5
	PRESS. mm	1.1	1.5	1.9	2.1	2.5	2.8	3.3
	NC	19	21	23	25	27	28	30
450 X 450 F=0.115	M ³ /H	1530	1720	1913	2108	2295	2485	2678
	THROW. M	5.5-7.6	6.1-7.9	6.1-8.5	6.4-8.8	6.4-9.1	6.7-9.8	7-10.1
	PRESS. mm	1.2	1.5	1.9	2.2	2.6	3.0	3.5
	NC	20	21	24	26	28	30	31
550 X 550 F=0.154	M ³ /H	2081	2341	2601	2861	3111	3383	3641
	THROW. M	6.4-9.1	6.7-9.8	7.3-10.1	7.6-10.7	7.9-11.3	8.2-11.6	8.5-11.9
	PRESS. mm	1.2	1.6	1.9	2.2	2.7	3.0	3.5
	NC	20	22	24	26	27	29	31
600 X 600 F=0.199	M ³ /H	2720	3060	3400	3740	4080	4420	4760
	THROW. M	7-10.1	7.6-10.7	7.9-11.3	8.5-11.9	9.1-12.5	9.1-12.8	9.4-13.4
	PRESS. mm	1.2	1.6	1.9	2.3	2.7	3.2	3.6
	NC	21	23	25	27	29	32	34
150 X 225 F=0.026	M ³ /H	255	287	320	350	383	415	445
	THROW. M	1.8-3	2.1-3.4	2.4-3.2	2.4-3.7	2.7-3.7	2.7-4	3-4.3
	PRESS. mm	0.8	0.9	1.2	1.4	1.6	1.9	2.2
	NC	14	15	17	18	19	21	22
150 X 300 F=0.030	M ³ /H	340	383	425	468	510	553	595
	THROW. M	2.1-3.7	2.4-3.7	2.7-4	3-4.3	3-4.3	3.4-4.6	3.4-4.6
	PRESS. mm	0.8	1.1	1.4	1.6	2.0	2.2	2.6
	NC	14	19	21	22	24	25	27
225 X 300 F=0.044	M ³ /H	510	575	638	702	765	830	893
	THROW. M	2.7-4.3	3.4-4.6	3.4-4.9	3.7-5.2	4-5.5	4-5.5	4.3-5.8
	PRESS. mm	0.9	1.2	1.4	1.7	2.0	2.4	2.7
	NC	15	17	18	21	22	24	25
225 X 380 F=0.052	M ³ /H	638	717	797	867	957	1037	1115
	THROW. M	3.4-4.9	3.7-5.2	4-5.5	4.3-5.8	4.3-6.1	4.3-6.1	4.6-6.4
	PRESS. mm	1.0	1.2	1.4	1.8	2.2	2.5	2.9
	NC	18	20	21	23	25	26	27
225 X 450 F= 0.062	M ³ /H	765	860	957	1052	1148	1246	1341
	THROW. M	3.4-5.5	4.2-5.5	4.3-6.1	4.6-6.6	4.9-6.6	4.9-7.5	5.2-7.5
	PRESS. mm	1.1	1.4	1.8	2.2	2.6	2.9	3.3
	NC	17	19	21	25	15	15	15
225 X 550 F=0.07	M ³ /H	891	1003	1114	1224	1336	1448	1559
	THROW. M	4-5.8	4.3-6.1	4.6-6.4	4.9-6.7	4.9-7	5.2-7.3	5.5-7.6
	PRESS. mm	1.1	1.4	1.8	2.1	2.5	2.8	3.3
	NC	18	20	22	23	25	27	29
300 X 380 F=0.067	M ³ /H	850	955	1063	1170	1275	1382	1488
	THROW. M	3.7-5.8	4.3-6.1	4.6-6.4	4.9-6.1	4.9-7	5.2-7.3	5.2-7.6
	PRESS. mm	1.1	1.5	1.8	2.1	2.5	2.8	3.3
	NC	17	19	21	23	25	27	29
300 X 450 F=0.084	M ³ /H	1020	1148	1275	1403	1530	1658	1785
	THROW. M	4.3-6.1	4.6-6.7	4.9-7	5.2-7.3	5.5-7.6	5.5-7.9	5.8-8.2
	PRESS. mm	1.1	1.4	1.8	2.1	2.4	2.8	3.3
	NC	19	20	22	24	26	27	29
300 X 600 F=0.103	M ³ /H	1360	1530	1700	1870	2040	2210	2380
	THROW. M	4.9-7.3	5.5-7.6	5.8-7.9	6.1-8.2	6.1-8.5	6.4-9.1	6.7-9.4
	PRESS. mm	1.2	1.5	1.8	2.2	2.6	2.9	3.4
	NC	19	20	22	24	26	28	30
380 X 450 F=0.098	M ³ /H	1275	1435	1595	1753	1913	2074	2232
	THROW. M	4.9-7	5.2-7.3	5.5-7.9	5.8-8.2	6.1-8.5	6.4-8.8	6.4-9.1
	PRESS. mm	1.2	1.6	1.9	2.2	2.6	3.0	3.4
	NC	18	20	22	24	26	28	29
450 X 600 F=0.151	M ³ /H	2040	2295	2550	2805	3060	3315	3570
	THROW. M	5.8-8.5	6.1-9.1	7-9.8	7.3-10.4	7.6-11	7.9-11.3	8.2-11.6
	PRESS. mm	1.3	1.6	1.9	2.3	2.7	3.1	3.5
	NC	20	22	24	26	28	30	33

Notes On Performance Data

1. throw is based on a 0° temperature differential. Minimum throw is to terminal velocity vt of 0.5 m/s and maximum to 0.25 m/s.
2. All pressures are mm of water. To obtain static pressure, subtract velocity pressure at head of column from total pressure.
3. The NC values are based on a room absorbtion of 18 DbA. Re 1013 walt, F = Surface Outake, M².