

WBD1									
SIZE	READING	WBD ONBOARD SENSING				WBD REMOTE SENSING			
		0.08	0.12	0.16	0.20	0.08	0.12	0.16	0.20
300/100	FLOW CFM	133	159	191	201	155	191	216	246
	THROW(ft) max/min	17	21	24/12	27/13	21/10	24/13	27/13	32/16
	NC LEVEL	28	32	36	38	29	33	37	39
350/100	FLOW CFM	170	216	239	259	208	248	280	307
	THROW(ft) max/min	24/12	27/13	31/15	33/16	23/12	29/15	33/16	36/17
	NC LEVEL	29	33	37	39	29	33	36	38
400/100	FLOW CFM	360	468	563	558	418	496	563	590
	THROW(ft) max/min	26/14	29/15	33/16	36/17	28/15	30/16	33/17	33/18
	NC LEVEL	29	33	36	38	29	33	36	39
450/100	FLOW CFM	378	504	551	576	468	551	608	691
	THROW(ft) max/min	23/12	28/16	30/17	35/18	27/14	31/17	35/19	37/19
	NC LEVEL	29	33	37	39	29	34	36	39
500/100	FLOW CFM	233	305	343	360	280	341	386	441
	THROW(ft) max/min	28/15	31/17	33/18	36/18	28/14	32/17	36/19	39/20
	NC LEVEL	29	34	37	39	30	34	38	40
550/100	FLOW CFM	254	331	392	424	316	371	428	464
	THROW(ft) max/min	27/14	31/17	35/19	38/20	29/16	32/18	36/19	41/23
	NC LEVEL	30	34	38	40	30	34	38	40
600/100	FLOW CFM	286	377	434	485	352	411	464	523
	THROW(ft) max/min	22/15	33/18	36/21	56/23	29/16	33/20	39/22	43/24
	NC LEVEL	30	34	38	40	30	33	38	41
650/100	FLOW CFM	339	456	534	583	381	462	523	587
	THROW(ft) max/min	29/16	34/19	38/22	43/24	29/16	33/17	37/21	41/22
	NC LEVEL	30	33	38	41	30	34	39	41
500/150	FLOW CFM	350	464	247	619	421	509	638	710
	THROW(ft) max/min	29/16	33/18	36/21	42/23	28/16	33/19	39/22	43/26
	NC LEVEL	30	35	39	41	30	35	39	41
550/150	FLOW CFM	403	530	610	640	473	566	655	733
	THROW(ft) max/min	29/15	34/20	37/21	42/25	32/17	38/21	43/24	49/27
	NC LEVEL	30	34	38	41	31	35	39	41
600/150	FLOW CFM	456	557	644	720	551	650	754	826
	THROW(ft) max/min	30/16	39/21	43/23	52/28	32/17	36/22	43/25	49/29
	NC LEVEL	31	35	38	41	31	35	39	41
650/150	FLOW CFM	487	636	742	784	566	697	801	869
	THROW(ft) max/min	30/16	34/21	43/24	49/28	32/17	36/22	45/26	51/29
	NC LEVEL	32	35	39	42	32	35	39	42
700/150	FLOW CFM	566	697	801	867	610	746	865	964
	THROW(ft) max/min	32/17	38/22	46/26	49/29	33/20	43/24	49/27	52/31
	NC LEVEL	32	35	39	42	32	35	39	42
800/150	FLOW CFM	646	790	913	1021	697	854	985	1102
	THROW(ft) max/min	33/18	36/23	49/27	52/30	33/18	36/24	49/29	52/31
	NC LEVEL	32	35	39	42	32	35	39	42

Throw data is taken 1" below the ceiling on a line through the centre of the diffuser with the volume control blades fully open & an air velocity of 49ft/min. Noise Criteria levels apply to a single diffuser mounted in a room having a Sound Absorption of 10dB in octave bands having centre frequencies from 125Hz to 8000Hz (i.e. the difference between Sound Pressure Level (dB re:2 x 10<sup>-8</sup> "wg) and Sound Power Level (dBW re: 10<sup>-12</sup> watts) is equal to 10dB). These levels represent only the noise generated by the diffuser and do not take into account any duct-borne noise. Diffusers are factory set for a minimum of 30% of the maximum flow levels reflected above. It should be noted that minimum diffuser air flow settings are approximate & may require to be reset on site to compensate for actual site system pressures. Performance Data applies to Standard Air having a density of 0.075 lbm/ft<sup>3</sup>.