

600 Series Internal Vibrators

Need Help Now?

Call 800-320-4044 or [email us](mailto:sales@houstonvibrator.com)
for immediate assistance.



Internal Concrete Vibrators for Superior exterior finishes

600 Series Pneumatic Internal Concrete Vibrators

600 Series Internal Electric Vibrators are high performance pneumatic immersion vibrators. All models feature simple and precise construction, with very few moving parts and no bearings. Internal vibration of concrete improves concrete consolidation and surface finishes.

Models up to size 6105 feature integral lubricators and on/off control in the handle. Larger models require an external lubricator. There are 10 models available with head diameters from 1-3/8" to 6-1/4".

Standard features & benefits

- Easy Installation – just connect to your air source
- Simple operation with very few moving parts
- Low-maintenance
- Easy replacement of wear parts
- Low initial cost
- Low operating cost
- High efficiency

Available Options & Accessories

- Custom lengths
- External Lubricators for larger sizes
- Filter-Regulator kits
- Spare Parts Kits

Other products for the concrete industry:

- ICF Vibrators
- Internal Electric Vibrators
- Portable pneumatic form vibrators
- Permanent mount pneumatic form vibrators
- High Frequency Electric form vibrators
- ModularVIB system
- Vibrating Tables
- Batch plant vibrators

Contact the Houston Vibrator sales team for assistance in choosing the right product for your job.

Houston Vibrator, Ltd.
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600 Series Technical Data



Models 635 - 6105



Models 6140 - 6160

Dimensional Data

Model	Head Diameter		Head Length		Total Length		Weight	
	in	mm	in	mm	Ft	M	Lbs	Kgs
635	1.38	35	11.0	220	11'10"	3.6	13	6
645	1.75	45	12.25	252	11'11"	3.6	18	8
655	2.12	55	13.0	259	11'11"	3.6	20	9
665	2.50	65	14.0	277	12'	3.7	22	10
675	3.00	75	15.0	299	12'2"	3.7	33	15
685	3.35	85	16.0	323	12'3"	3.7	42	19
6105	4.13	105	15.25	274	12	3.7	51	23
6140	5.50	140	19.0	508	4'1"	1.2	77	35
6160	6.30	160	20.0	508	4'1"	1.2	92	41.5

Technical Data

Model	Frequency	Force		Air Cons/Min		Radius of Effectiveness		Noise Level	Vibration		Max Aggregate		Max Output
	VPM	Lbs	N	CFM	Ltr	in	cm	dB	Ft/sec ²	M/sec ²	in	mm	yd ³
635	18,000	433	1924	21.5	608	7.87	20	107.2	9.8	3	1.0	25.4	10
645	17,000	787	3500	25.99	736	9.84	25	113	8.9	2.74	1.5	38.1	14
655	17,000	1360	6050	28.96	820	14.96	38	109	14.8	4.5	1.75	44.5	22
665	18,000	2091	9301	35.95	1018	17.32	44	113	14.4	4.4	2.0	51.0	26
675	18,000	3339	14,851	43.01	1218	19.69	50	112.1	7.3	2.24	2.25	57.2	30
685	17,000	4987	22,184	56.50	1600	21.65	55	109	10.2	3.1	2.75	69.9	37
6105	13,500	5014	22,304	74.16	2100	25.59	65	112.2	14.4	4.4	3.5	88.9	45
6140	10,000	7297	32,460	101.71	2880	37.40	95	115	15.7	4.8	6.0	152.4	80
6160	10,000	11,094	49,347	132.43	3750	14.34	105	115	15.7	4.8	6.0	152.4	80

All data obtained at 87 PSI.

Sound and Vibration readings taken 1 meter from the poker head.

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