

**PERFORMANCE DATA OF LIQUID JET
VACUUM PUMP / EXHAUSTER - TYPE 'B'**
FOR A STANDARD (25mm SIZE) EXHAUSTERS
WITH 27°C WATER AS MOTIVE MEDIUM



Suction Pressure mm Hg vacuum	Discharge Pressure kg/cm ² g	Air suction rate in m ³ /hr @ Motive pressure in Kg/cm ²			
		3.0	4.5	6	7.5
600 mm	0	0.25	0.30	0.55	0.65
	0.25	0.25	0.25	1.38	1.68
	0.50		0.25	0.40	0.48
	1.0			0.30	0.48
	1.25			0.15	0.48
500 mm	0	0.48	0.74	1.00	1.60
	0.25	0.40	0.65	0.97	1.10
	0.50		0.57	0.80	1.0
	1.0			0.70	0.9
	1.25			0.57	0.8
375 mm	0	0.89	1.45	2.0	3.0
	0.25	0.65	1.10	1.50	2.0
	0.50		0.89	1.29	1.85
	1.0			1.10	1.55
	1.25			0.89	1.29
250 mm	0	1.55	2.6	4.0	5.0
	0.25	0.97	1.6	2.35	3.2
	0.50		1.29	1.85	2.5
	1.0			1.55	2.1
	1.25			1.29	1.85
125 mm	0	2.85	5.0	6.7	8.2
	0.25	1.38	2.35	3.2	4.8
	0.50		1.68	2.35	3.3
	1.0			2.0	2.5
	1.25			1.68	2.35
0 mm	0	8.0	10.6	11.2	14.6
	0.25	2.0	3.0	4.5	8.0
	0.50		2.35	3.2	4.7
	1.0			2.5	3.5
	1.25			2.35	2.8
MOTIVE FLOW m³/hr		2.7	3.2	3.7	4.0

EJECTOR CAPACITY RATIOS (CR)											
Ejector Size mm	15	20	25	40	50	65	80	100	125	150	200
CR	0.25	0.56	1	2.25	4	6.25	9	16	25	36	64

Note:

Above table refers to motive water @ Temp 27°C vacuum depends on motive water temperature. For any variation in water temp, suction pressure is to be corrected. Contact us.