

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



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	0.48	1.29	1.60	1.85
	0.25		0.97	1.38	1.68
	0.50			1.2	1.68
	1.0			0.8	1.60
	1.25				1.50
500 mm	0	1.0	2.19	2.86	3.20
	0.25		1.60	2.35	3.0
	0.50		1.20	2.19	3.0
	1.0			2.0	2.86
	1.25				2.69
375 mm	0	2.0	3.2	4.38	5.0
	0.25	1.2	2.5	4.0	4.7
	0.50		2.0	3.0	4.30
	1.0			2.8	4.0
	1.25				3.7
250 mm	0	2.86	4.5	6.4	7.0
	0.25	2.0	3.5	5.0	6.2
	0.50		2.8	4.2	5.8
	1.0			3.7	5.0
	1.25				4.8
125 mm	0	4.5	6.5	8.25	9.2
	0.25	2.8	4.7	6.5	8.0
	0.50		3.70	5.30	7.2
	1.0			4.70	6.4
	1.25				5.8
0 mm	0	7.2	9.7	10.60	11.40
	0.25	4.0	6.5	8.00	10.60
	0.50		4.8	6.90	8.90
	1.0			5.80	7.70
	1.25				6.90
MOTIVE FLOW m ³ /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.