

SINCE 1935
VARUNA[®]
RAISE • REACH • REAP



Highest Star Rated Pumps in INDIA



MODEL	H.P	SIZE (in mm)	DISCHARGE IN LPH	HEAD IN METER															
				5	6	8	9	10	12	14	16	18	20	22	24	26	28	30	32
VNA 10B	0.5	25 x 25				7000	7000	6500	5500	4000	2500 _(27m)								
VNA 11B	0.5	25 x 25				7800	7680	7500	7200	6360	5000	4140	2000	0 _(27m)					
VNA 11B H	0.5	25 x 25								8500	8000	7300	6100	4000	3000 _(27m)				
VNA 28B	0.5	40 x 40			13800	10500	7200												
VNA 28B HH	0.5	40 x 40					17200	14500	9300	7800 _(12m)									
VNA 28B L	0.5	40 x 40			16200	14100	13080	12300	6600										
VNA 29B	0.5	50 x 50		20000	18000	14000	12000	9000											
VNA 14B	1.0	25 x 25								12000	11800	10000	7500	4200					
VNA 25B	1.0	32 x 25								8200	8100	8000	7700	5700	4000 _(27m)				
VNA 13B	1.0	40 x 40				19200	19000	18700	18000	15600	12600	10800	7000						
VNA 18B	1.0	50 x 40			24000	21600	19500	16800	15000	11700	6900								
VNA 17B	1.0	50 x 50			30000	28800	26400	25500	18000										
VNA 17B HH	1.0	50 x 50				30000	27000	24000	23100	18600	7500								
VNA 40B	1.0	75 X 75		48000	42000	24000	9000												
VNA 19B	1.5	40 x 40				16000	15800	15700	14500	13500	13200	12000	11000	8300	4800				
VNA 15B	1.5	50 x 40				24600	24000	22800	20400	18000	15600	12300	8100	2400					

MODEL	H.P	SIZE (in mm)	DISCHARGE IN LPH	HEAD IN METER																
				5	6	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34
VNA 20B	1.5	50 x 50				28200	27600	26400	21900	14100										
VNA 20B HH	1.5	50 x 50						16000	15000	13500	11400	7800	3000							
VNA 26B	1.5	65 x 50						28800	27600	24000	21600	16200	11000							
VNA 27B	1.5	75 x 75	54000	45000	25500	10000														
VNA 23B	2.0	50 x 40			25500	25000	24600	23100	20700	18900	16800	12000	6500							
VNA 16B	2.0	50 x 50			30000	27000	26400	24900	23100	20400	18000	13000	11800	8500 ^{max}						
VNA 16BHD	2.0	50 x 50																		
VNA 24B	2.0	65 x 50			37500	35400	34500	32400	29400	27600	22800	19200	15000							
VNA 24B HH	2.0	65 x 50						26000	23500	22000	19300	16300	13500	8000						
VNA 21B	2.0	75 x 65			42000	37200	35400	33000	29800	24000	15600									
VNA 30B	2.0	75 x 75			50000	42000	39000	35400	30000											
VNA 34B	2.0	100 x 100			72000	58500	48000	36000												
VNA 31B	3.0	75 x 65				62500	58000	50000	46500	40000	30000									
VNA 32B	3.0	75 x 75				64000	59000	52000	47000	40500	31500									
VNA 35B	3.0	100 x 100			78000	75000	61000	54000	48000	36000										
VNA 36B	3.0	50 x 50					24000	23800	23600	22900	22600	22300	21900	21500	21000	20500	20000	19600	18400	15800
VNA 37B	3.0	50 x 40							21900	21300	21000	20400	19500	18000	17400	16800	16200	15000	10500	7500
VNA 54B	5.0	100 x 100					84000	82200	81000	75000	51000									

CMB-AL

CENTRIFUGAL MONOBLOC PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 180-240 VOLTS SINGLE PHASE, 50 Hz. A.C. SUPPLY

MODEL	MOTOR RATING		PIPE SIZE(mm)		DISCHARGE IN LPH	HEAD IN METER							
	kW	H.P.	SUC.	DEL.		6	9	12	15	18	21	24	26
VNA 10B L (LH)	0.37	0.50	25	25		7400	6400	5400	4700	2300			
VNA 11B L (LH)	0.37	0.50	25	25		6800	6300	6000	5100	3900	3600	1000	
VNA 25B L (LH)	0.75	1.00	32	25			10300	9300	8000	7800	5200	4900	3400

PERFORMANCE CHART

VARUNA "VMH" SERIES-"A" CLASS INSULATION THREE PHASE HIGH SPEED MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2900 RPM, 380-415 VOLTS THREE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters												
	kW	H.P.	SUC.	DEL.		12	14	16	18	20	22	24	26	28	30	32	34	
VNA K33	2.20	3.00	65	50		6.07	6.00	5.95	5.85	5.80	5.75	5.70	5.65	5.60	5.50	4.90	3.45	
VMH 2	2.20	3.00	65	50		13.3	12.0	10.8	10.2	9.2	6.7	5.7						
VMH 2HH	2.20	3.00	65	50			12.7	12.2	11.8	11.3	10.8	10.0	9.0					

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters													
	kW	H.P.	SUC.	DEL.		14	16	18	20	22	24	26	28	30	32	34	36	38	
VNA K55	3.70	5.00	50	40					4.66	4.55	4.49	4.44	4.38	4.27	4.22				
VMH 6	3.70	5.00	75	65		19.0	18.3	17.5	17.0	12.8	12.0								
VMH 4	3.70	5.00	65	50			14.8	14.2	13.3	12.7	11.7	11.2	10.8						
VMH 31	3.70	5.00	65	50								11.7	11.5	11.3	11.0	10.8	10.3	9.8	

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters																	
	kW	H.P.	SUC.	DEL.		16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
VMH 13/F	5.50	7.50	100	100		23.3	21.3	20.0	17.5	12.7													
VMH 13	5.50	7.50	100	75		25.0	23.3	21.8	18.3	14.2													
VMH 10	5.50	7.50	75	65					19.2	18.3	16.7	15.5	15.0	14.2	10.8								
VMH35	5.50	7.50	65	50								16.0	15.5	14.5	14.0	13.0	12.0	11.5					
VMH 35H	5.50	7.50	65	50												12.3	12.2	12.2	12.0	12.0	11.8	11.8	11.0

MODEL NAME	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters					
	kW	H.P.	SUC.	DEL.		22	24	26	28	30	32
VMH 15H/F	7.50	10.00	100	100		30.7	27.3	24.7	22.8	19.8	11.8
VMH 15H	7.50	10.00	100	75		30.8	29.3	27.5	25.8	22.5	19.5

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters														
	kW	H.P.	SUC.	DEL.		36	38	40	42	44	46	48	50	52	54	56	58	60	64	68
VMH 14	7.50	10.00	65	50		13.3	13.3	13.2	13.0	12.8	12.5	12.2	11.8	11.7	11.0					
VMH 14HS	7.50	10.00	65	50			14.0	13.9	13.9	13.8	13.8	13.6	13.4	13.1	12.5					
VMH 43	7.50	10.00	65	50								9.8	9.7	9.7	9.5	9.3	9.2	9.0	8.7	8.4

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters					
	kW	H.P.	SUC.	DEL.		48	50	52	54	56	58
VMH 18H	9.30	12.50	65	50		14	13.7	13.5	13.2	13.0	10.5

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters									
	kW	H.P.	SUC.	DEL.		20	24	26	28	30	32	34	36	38	40
VMH 21	9.30	12.50	100	75		25.7	24.7	24.6	24.3	23.6	23.0	22.5	22.0	20.2	18.3

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters												
	kW	H.P.	SUC.	DEL.		52	54	56	58	60	62	64	66	68	70	72	74	76
VMH 49F	9.30	12.50	65	50		10.0	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.2	8.0	7.7	7.0	6.0

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters													
	kW	H.P.	SUC.	DEL.		24	26	28	30	32	34	36	38	40	42	44	46	48	
VMH 26	11.00	15.00	100	75		31.0	30.8	30.6	30.0	29.4	28.0	26.8	25.0	23.0	20.0	17.2	15.0	12.0	

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters									
	kW	H.P.	SUC.	DEL.		48	50	56	58	60	62	64	66	68	70
VMH 32H	11.00	15.00	65	50		17.5	17.3	16.5	16.0	15.8	15.7	15.3	14.8	14.58	14.33

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters													
	kW	H.P.	SUC.	DEL.		24	26	28	30	32	34	36	38	40	42	44	46	48	
VMH 54M	15.00	20.00	100	75		38.0	37.7	37.3	37.2	37.0	35.0	33.8	32.5	31.3	28.5	26.3	24.4	23.8	

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPS	Total Head in meters													
	kW	H.P.	SUC.	DEL.		52	54	56	58	60	62	64	66	68	70	72	74	76	80
VMH 60M	15.00	20.00	65	50		14.8	14.7	14.5	14.4	14.3	14.2	13.8	13.7	13.2	13.0	12.5	12.2	11.3	9.7

PERFORMANCE CHART

VARUNA - "A" CLASS INSULATION SINGLE PHASE MONOBLOCK PUMPSETS

APPROXIMATE PERFORMANCE CHART AT 2900 RPM, 200-240 VOLTS SINGLE PHASE, 50 Hz. A.C. SUPPLY.

MODEL	MOTOR RATING		PIPE SIZE(mm)		Disch.in LPM	Total Head in meters								
	kW	H.P.	SUC.	DEL.		6	8	10	12	15	18	21	24	27
VCS 2265 (A)	2.20	3.0	65	50		510	505	500	495	490	485	480	438	355

MODEL	MOTOR RATING		PIPE SIZE(mm)		Head in Meter	Disch.in LPM							
	kW	H.P.	SUC.	DEL.		750	672	624	582	504	426	366	294
VCS 3765	3.7	5.0	65	50		14	20	23	25	29	32	34	36



Mounting The Footprints Globally



La-Gajjar
MACHINERIES PVT. LTD.
An ISO 9001 : 2015 Company

LA-GAJJAR MACHINERIES PVT. LTD. Acidwala Estate, Nagarwel Hanuman Road, Amraiwadi, Ahmedabad - 380 026
Phone: +91- 79- 22777485/87/89 | T oll free: 1800 258 2565 | www.varunapumps.com | crm@lgmindia.com