

# VILA®



## Pressure Boosting Systems & Pumps

**VILA®**

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**ViLA Booster Pumps** are specifically designed and developed with superior manufacturing techniques strictly adhering to the quality standards resulting to a trouble free and reliable operation with minimum maintenance cost.

**Single Shower Pumps | Features:**

- ◆ Aluminium Motor Body
- ◆ Low Power Consumption
- ◆ TOP Fitted heavy duty Motor
- ◆ 2Ltrs Pressure tank
- ◆ Danfoss Pr. Switch
- ◆ SS 410 Shaft with Pr. Die Cast Rotor
- ◆ Brass forged Impellers

**Pressure Booster systems | Features:**

- ◆ Noiseless Operation
- ◆ 10 Meter head per Stage
- ◆ Pressure tank Range from 24 Ltrs to 100 Ltrs
- ◆ Aluminium Motor Body
- ◆ Low Power Consumption
- ◆ TOP Fitted heavy duty Motor
- ◆ Danfoss Pr. Switch
- ◆ Impeller and Diffuser in SS 304
- ◆ Brass forged NRV & 5 Way Connector
- ◆ SS 410 Shaft with Pr. Die Cast Rotor

**Applications :** Single Bathroom use in Multi storied buildings, Villas & Apartments. Best for Shower heads, Jacuzzi, and other high end bathroom fittings.

**Applications :** Residential & Commercial Buildings, Industries, Multi storied buildings, Villas & Apartments. Industrial heating/Washing process

**Liquid :** Clear and Cold Water

**ViLA - Single Shower & Pressure Booster Systems**

ViLA Model	Description	Pressure Tank Capacity in Ltrs	kW	HP	Pipe size in mm	Max. Pr.	No of Stages	Discharge in M <sup>3</sup> /hr					Recommended Pr. Setting in Bar		Tank Pre-charge Pr. in Bar	No of Bathrooms recommended		
								0	0.57	0.97	1.4	1.9	Cut IN	Cut OFF				
VL 1MBP 05SS	0.5 HP Single Shower Unit	2 Ltrs	0.37	0.5	25 x 25	2.5 Bar	1	Head in meters	25	20	15	10	5	0.7	2.1	1.9 Bar	1	
ViLA Model	Description	Pressure Tank Capacity in Ltrs	kW	HP	Pipe size in mm	Max. Pr.	No of Stages	Discharge in M <sup>3</sup> /hr					Recommended Pr. Setting in Bar		Tank Pre-charge Pr. in Bar	No of Bathrooms recommended		
								0	1.6	2.6	3.6	4.5	5.2	Cut IN			Cut OFF	
VL 1PBS 0524	Pressure Booster Systems	24	0.37	0.5	25 x 25	3 Bar	3	Head in meters	30	25	20	15	10	5	1	2.5	1.9	2
VL 1PBS 1024		24	0.75	1	25 x 25	4 Bar	4		40	37	32	28	20	15	1	3	1.9	3
VL 1PBS 1524		24	1.1	1.5	25 x 25	5 Bar	5		50	48	41	36	28	17	1	4	1.9	4
VL 1PBS 2050		50 / 60	1.5	2	25 x 25	6 Bar	6		60	57	52	45	36	20	1.5	5	1.9	5
VL 1PBS 2100		100	1.5	2	25 x 25	6 Bar	6		60	57	52	45	36	20	2	5	1.9	5
									60	57	52	45	36	20	2	5	1.9	5

Note : The performance mentioned in the above table is from standard test condition at the pump test lab.  
 Performance applicable to liquid specific gravity 1 and viscosity as of water.  
 Due to continuous product developments, the data mentioned in the catalogue may change without any prior notice.  
 Number of bathrooms recommended calculated by considering general bathroom fitting and losses.  
 Y type strainer and float level switch are available on request.  
 All the models mentioned above are available with 1 phase and 3 phase



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