

50Hz

V-series

Auto Booster Pumps



V260AH/V460AH



V760AH



V760AH-8L
(8L pressure tank)



(Optional) V-series pump
with waterproof cover

Features

1. Auto boost water pressure when water is consumed; Stop running automatically when water is not consumed.
2. Pre-pressure one-piece forming diaphragm pressure tank with good appearance and corrosive resistant.
3. Install overload protector in motor's circuit and thermal shutoff device on pump front cover to protect motor from burnout due to abnormal conditions.

Applications

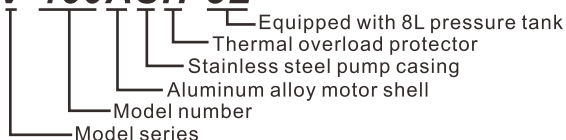
1. Water supply and pressure boosting in residential and commercial applications.
2. Water pressure boosting for barber shop, restaurant, sprinkler systems, washing machine, residence, villa.

Motor Spec.

1. Voltage: Single phase only
2. Frequency: 50Hz
3. Enclosed class: IP54
4. Insulation: B
5. Enclosed Fan cooled, 2 Pole motor.
6. Built in motor overload protector

Model Code

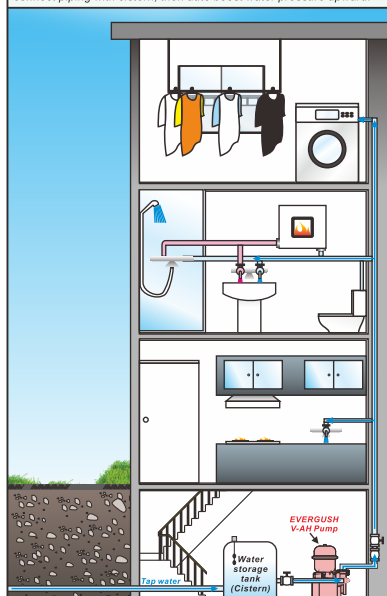
V-460ASH-8L



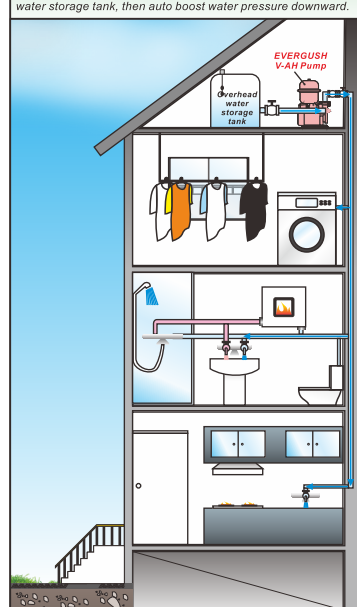
Operating Conditions

1. Ambient temperature: Max. 40°C
2. Liquid temperature: 0~40°C
3. Before using the pump, be sure the inlet pressure setting is lower than factory pressure activation point.
4. Clean water or other non-corrosive, non-flammable clean liquids without abrasives or fiber.

V-AH auto booster pump is installed on 1st floor or basement of house, connect piping with cistern, then auto boost water pressure upward.

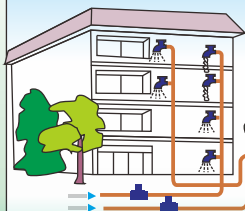


V-AH pump is installed on the roof of house, connect piping with water storage tank, then auto boost water pressure downward.

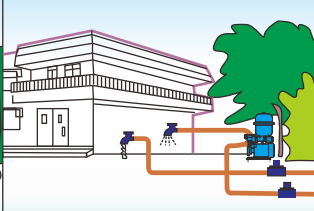


Auto booster pump applications

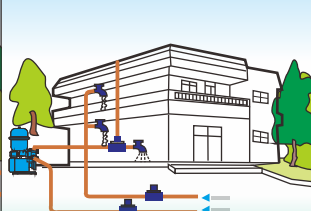
Where Water Pressure is Insufficient...



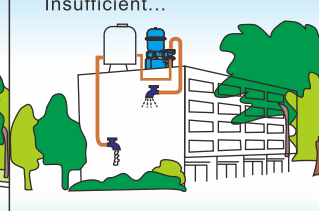
Where Water Capacity is Insufficient...



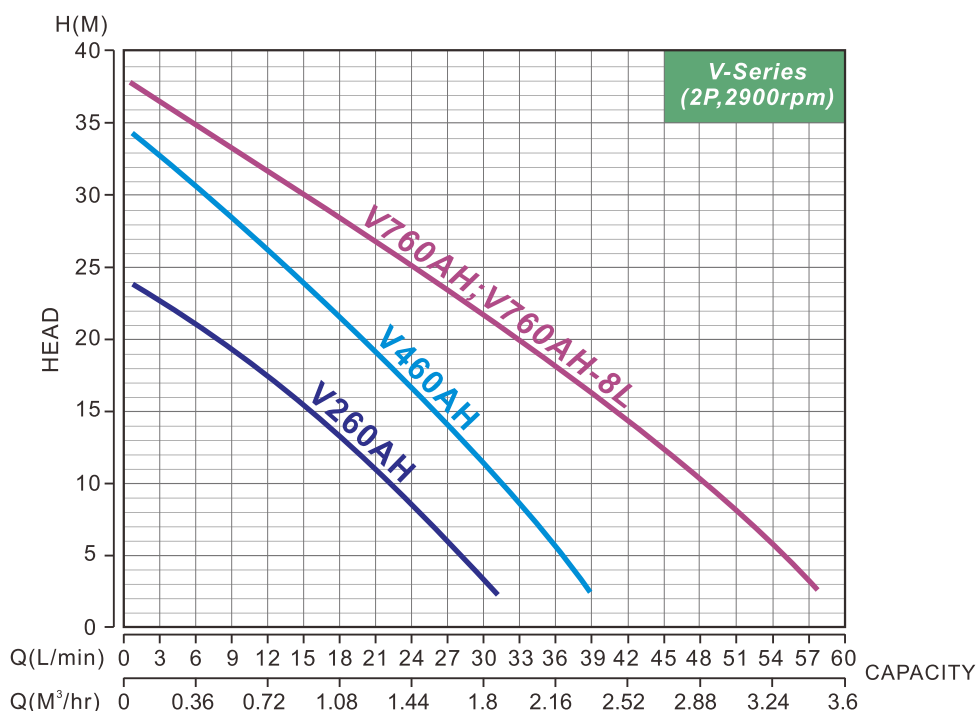
Automatic Water Supply For 2~4 Floored Household...




Where Pressure of Water Supply From Reservoir is Insufficient...



Performance Curves

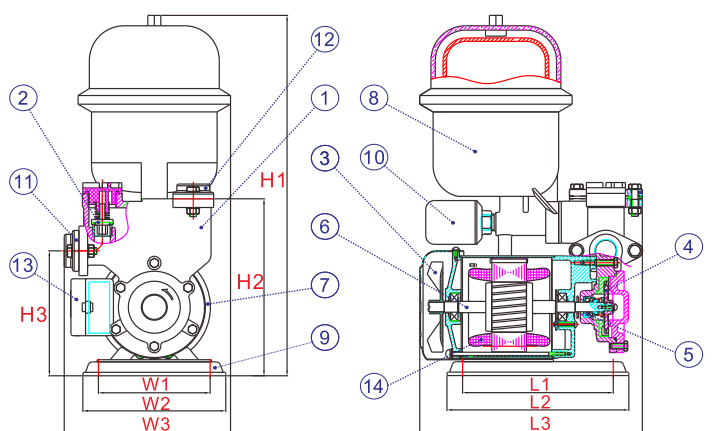


Specifications

Model	Cycle	Power		PH	Voltage	Inlet	Outlet	Pressure setting		Max.H	Max.Q		N.Weight
	HZ	HP	W	∅	V	Inch	Inch	On(MPa)	Off(MPa)	M	L/min		Kg
V260AH	50	1/4	180	1	220~240	3/4"	3/4"	0.10	0.20	24	32	1~2	10
V460AH	50	1/2	370	1	220~240	1"	1"	0.14	0.24	35	40	2~3	11.3
V760AH	50	1	750	1	220~240	1"	1"	0.20	0.32	38	60	3~4	21.4
V760AH-8L													22.5

Suction Lift: Max. 6M

Dimensions



unit:(mm)

Model	H1	H2	H3	W1	W2	W3	L1	L2	L3
V260AH	425	205	145	130	165	175	175	210	260
V460AH	430	205	145	130	165	175	175	210	265
V760AH	455	240	180	105	140	215	200	230	325
V760AH-8L	535	240	180	105	140	215	200	230	325

Parts & Materials

No.	Part Name	Material
1	Pump Casing	FC200
2	Check Valve Set	Nylon66
3	Motor Fan	PP
4	Impeller	Bronze
5	Mechanical Seal	CA/CE/NBR
6	Shaft	SUS410
7	Motor Shell	Aluminum alloy
8	Pressure Tank	PP
9	Bottom Base	ABS
10	Pressure Switch	
11	Inlet Flange	FC200
12	Outlet Flange	FC200
13	Control Box	ABS
14	Motor Coils	COPPER