

Pumps you can rely on

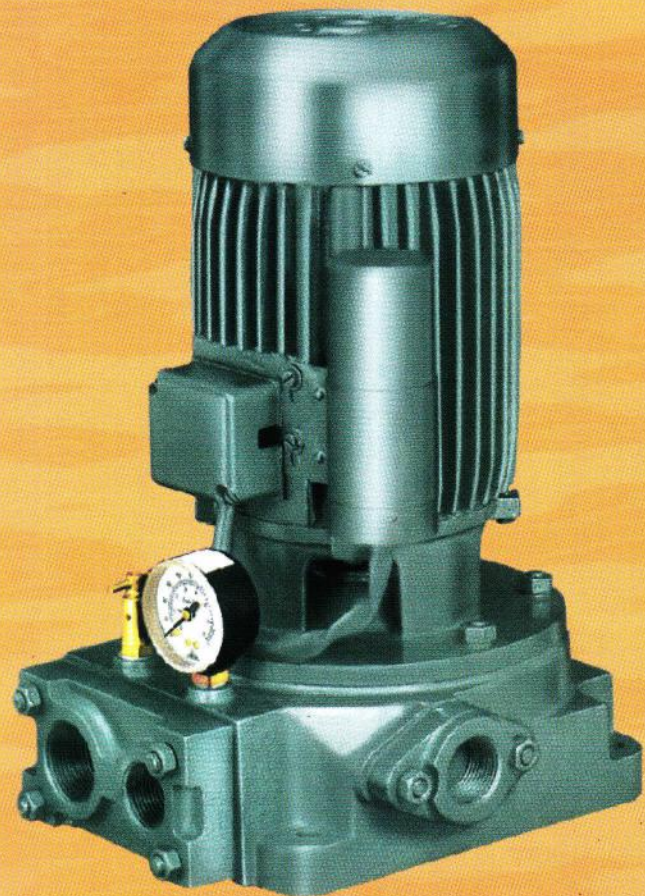
AQUA GROUP



Borewell Submersibles  
Single Phase Domestic Pumps  
Single Phase Jet Pumps

# Vertical Jet Monoblock Pumps

TVJ 2S SERIES / TVJ SERIES



# VERTICAL JET MONOBLOCK PUMPS - TVJ, TVJ 2S SERIES

## Construction Features

### Motor

- ◆ Rugged Single Phase TEFC motor with dynamically balanced rotor
- ◆ Suitable for 200 - 240V Single Phase 50Hz Power supply
- ◆ Efficient permanent - Split capacitor 2900 RPM motor
- ◆ In built thermal overload protector for additional safety
- ◆ Rigid cast iron motor frame

### Pump

- ◆ Rigid cast iron casing
- ◆ Sturdy bronze impeller
- ◆ Replaceable bronze shaft sleeve & wear ring
- ◆ Sturdy gun metal jet units with, inbuilt footvalve and stainless steel strainer
- ◆ A range of jet units for varying well diameters and suction lifts
- ◆ Provided with adjustable pressure control valve

TVJ , TVJ Two stage jet Monoblock pumps are capable of pumping water from borewells and openwells at greater depths and offer an economical alternative to both compressors and submersible pumps. In this TVJ series comes with both side suction and bottom suction

## Salient Features

- ◆ Can be easily erected over the bore or erected inside the building away from the borewell for improved security
- ◆ Servicing can be done with ease at lower cost as the monoblock is accessible at the surface
- ◆ When used in openwells the monoblock is protected from variation of water level as it can be fixed on ground level, so no need to change the position of the pump

## Performance Data

Model	Rating HP/kW	SUCTION LIFT / DEPTH TO LOW WATER LEVEL IN METRES											DISCHARGE HEAD (MAXIMUM)		PIPE SIZE (MM)			MIN BORE DIA (MM)
		9	12	15	18	21	24	27	30	33	36	39	Ft.	M.	Suc.	Prs.	Dis.	
		DISCHARGE IN LITRES PER HOUR																
TVJ 522	0.5 / 0.37	2043	1816	1362	908								40	12	30	25	25	100
TVJ 530	0.5 / 0.37	1362	1135	700									40	12	25	20	25	75
TVJ 532	0.5 / 0.37	1362	1362	1250	1135	908							40	12	30	25	25	100
TVJ 1022	1.0 / 0.75	2156	2156	1930	1700	1362	1090	840	681				50	15	30	25	25	100
TVJ 1024	1.0 / 0.75	2500	2500	2270	1816	1600	908	840					50	15	40	30	25	115
TVJ 1030	1.0 / 0.75	1475	1362	1135	908	681							50	15	25	20	25	75
TVJ 1032	1.0 / 0.75	1350	1350	1250	1135	1000	908	795	681	635	567	454	60	18	30	25	25	100
TVJ 1034	1.0 / 0.75	1600	1600	1500	1400	1362	1300	1250	1135				60	18	40	30	25	115
Model	Rating HP/kW	SUCTION LIFT / DEPTH TO LOW WATER LEVEL IN METRES											DISCHARGE HEAD (MAXIMUM)		PIPE SIZE (MM)			MIN BORE DIA (MM)
		10	15	20	25	30	35	40	45	50	55	61	Ft.	M.	Suc.	Prs.	Dis.	
		DISCHARGE IN LITRES PER HOUR																
TVJ 1522	1.5 / 1.1	2270	2043	1700	1400	1135	953	635					80	24	30	25	25	100
TVJ 1532	1.5 / 1.1	1350	1350	1350	1248	1075	930	726	567	454			90	27	30	25	25	100
TVJ 1534	1.5 / 1.1	2383	2088	1770	1475	1250	1020	795	454				80	24	40	30	25	115
TVJ 1544	1.5 / 1.1	1362	1362	1362	1262	1162	1010	830	635	454			90	27	40	30	25	115
TVJ 2022	2.0 / 1.5	2383	2383	2088	1770	1475	1180	953	635				90	27	30	25	25	100
TVJ 2032	2.0 / 1.5	1350	1350	1350	1350	1248	1075	964	830	635	454		100	30	30	25	25	100
TVJ 2034	2.0 / 1.5	2500	2383	2088	1770	1475	1250	1089	795	454			90	27	40	30	25	115
TVJ 2044	2.0 / 1.5	1362	1362	1362	1362	1362	1262	1162	830	726	635	454	100	30	40	30	25	115
Model	Rating HP/kW	SUCTION LIFT / DEPTH TO LOW WATER LEVEL IN METRES											DISCHARGE HEAD (MAXIMUM)		PIPE SIZE (MM)			MIN BORE DIA (MM)
		30	35	40	45	50	55	60	65	70	73	77	Ft.	M.	Suc.	Prs.	Dis.	
		DISCHARGE IN LITRES PER HOUR																
TVJ 1032/2S	1.0 / 0.75	900	760	640	520	420							50	15	30	25	25	100
TVJ 1044/2S	1.0 / 0.75	1100	900	750	600	500							50	15	40	30	25	115
TVJ 1532/2S	1.5 / 1.1	1100	1100	1000	800	620	550	450					72	22	30	25	25	100
TVJ 1544/2S	1.5 / 1.1	1200	1150	1080	940	800	650	550	450				72	22	40	30	25	115
TVJ 2032/2S	2.0 / 1.5	1100	1100	1050	960	900	750	650	550	450			80	24	30	25	25	100
TVJ 2044/2S	2.0 / 1.5	1200	1200	1150	1100	1000	900	800	700	620	550	450	80	24	40	30	25	115

Due to continuous effort at improving value, information furnished above is subject to change without notice

Note : The performance of THJ Series (Horizontal Jet) jet monoblock pumps are same as that of the corresponding TVJ Series models

**Warranty - All products carry a 12 months warranty from the date of purchase against manufacturing defects**

Manufactured Exclusively by

**AQUA GROUP**

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