

ULTRA VERTICAL MULTI-STAGE PUMPS

A range of efficient and economical compact close-coupled vertical in-line multi-stage pumps with oval flanges, for pumping clean water.

They are suitable for water supply, irrigation systems, water transfer, pressurisation and wash-down applications.



The pumps can be operated automatically using a conventional pressure set or a constant pressure variable speed controller.

They can also be used with a float switch or manually controlled.

As they are not self-priming, it is essential to fit a foot-valve or non-return valve if there is a suction lift.

- Minimum liquid temperature: 5 °C
- Maximum liquid temperature: 35 °C
- Maximum ambient temperature: 40 °C
- Maximum operating pressure: 8 bar (up to 6 stage) or 9 bar (7 stage)

Construction:

- Pump body: 304 stainless steel.
- Seal plate: 304 stainless steel.
- Shaft: 304 stainless steel.
- Impellers & diffusers: reinforced noryl (GFN2V)
- Mechanical seal: carbon/ceramic (up to 6 stage)
carbon/silicon carbide (7 stage)
- Intermediate staging bush: Brass/304 stainless steel
- Motor bracket: aluminium alloy

Close-coupled motor:

- 2-pole induction motor
- 240 V 1-phase or 415 V 3-phase
- Rated for continuous duty
- Enclosed with external ventilation
- Protection IP44
- Insulation class F

	kW	A		Connections		wt. kg	Flowrate litres/min									
		1ph	3ph	In	Out		0	10	20	30	40	60	80			
							0	30	40	60	80	100	120	140	160	170
ULTRA-V 3L-9	1.5	8.4	3.3	1¼"	1¼"	26	95.8	92.2	86.3	78.9	70.7	52.7	30.8			
ULTRA-V 3L-10	1.8	10	4.1	1¼"	1¼"	26	108.4	102.9	96.5	88.2	79.7	58.3	34.1			
ULTRA-V 3L-12	2.2	11.2	4.7	1¼"	1¼"	28	128.9	121.5	113	103.5	92.2	67.9	40.5			
ULTRA-V 5L-8	1.87	10.7	4.1	1¼"	1¼"	26	91.4	85	81.8	74.3	65.5	54.7	40.4	19.1		
ULTRA-V 5L-9	2.1	11.7	4.4	1¼"	1¼"	28	102.1	94.6	90.7	81.6	71	58.5	42.3	20.1		
ULTRA-V 5L-10	2.2	12.8	4.9	1¼"	1¼"	29	112.7	103.9	99.9	89.8	78.2	64	46.4	21		
ULTRA-V 5L-11	2.6	13.3	5	1¼"	1¼"	32	122	111.2	106.3	95.6	83.1	67.6	48.2	22		
ULTRA-V 7L-5	1.85	10.9	4.2	1¼"	1¼"	25	62.6		60.6	58.2	55.1	51.1	45.8	39	29.8	21.5
ULTRA-V 7L-6	2.2	12.2	5	1¼"	1¼"	27	74.8		71.5	68.3	64.5	59.3	53	44.6	34.5	26.7
ULTRA-V 9L-6	2.2	12.2	4.8	1½"	1½"	32	69.4	63.7	58.8	55.6	51.6	46.5	40.3	33.5	25.4	9
ULTRA-V 9L-7	3	-	5.7	1½"	1½"	35	82	76	70.9	67.5	63	57	49.7	41	31.2	9.5

Performance curves:

