

ULTRA HORIZONTAL MULTI-STAGE PUMPS

A range of compact horizontal multi-stage pumps which are quiet in operation, with high efficiency and low energy consumption, for clean water and non-aggressive liquids.

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 footvalve 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		Head m	Flowrate litres/min													
		1ph	3ph	In	Out		0	10	20	30	40	60	80	100	120	140	160	170		
ULTRA 3-4	0.66	4	1.8	1"	1"		40.8	38.3	35.1	31.8	27.9	19.8	10.4							
ULTRA 3-5	0.75	4.8	1.9	1"	1"		52.2	48.9	45.1	40.8	36	25.4	14							
ULTRA 3-6	0.9	5.6	2.6	1"	1"		62.8	58.7	54.5	49.6	43.9	32.1	18.3							
ULTRA 3-7	1.1	7.9	2.9	1"	1"		75.5	71.3	66.6	61.2	54.8	41.1	24.9							
ULTRA 5-4	0.9	5.2	2.5	1"	1"		45.3			41.3	39.6	35.6	30.8	24.9	17.6	6.4				
ULTRA 5-5	1.1	6.8	2.8	1"	1"		56.8			53	51	46.1	40.1	33.3	24.8	11.5				
ULTRA 5-6	1.3	7.7	3	1"	1"		69.3			64.4	62	55.6	48.2	39.6	28.8	12				
ULTRA 5-7	1.5	9	3.4	1"	1"		80.3			73.6	71	64.5	56.1	46	33.4	12.5				
ULTRA 7-4	1.3	8.3	3.2	1¼"	1"		49.5				47.4	45.3	42.5	39.2	34.8	29.4	22.6	16.9		
ULTRA 7-5	1.85	10.9	4.2	1¼"	1"		62.6				60.6	58.2	55.1	51.1	45.8	39	29.8	21.5		
ULTRA 7-6	2.2	12.2	5	1¼"	1"		74.8				71.5	68.3	64.5	59.3	53	44.6	34.5	26.7		
							0		60	80	100	120	140	160	180	200	220	240		
ULTRA 9-5	1.85	10.8	4.3	1½"	1¼"	59.2		54.4	52.4	50.4	47.9	44.8	40.5	35.5	29.8	23.5	16.3			

Performance curves:

