



How many pumps do I need?

If adding a spa, waterfall and / or jets you can add a pump for each OR control each zone with a valve fitted to the pool pump to isolate function as needed.



Single speed pump

Pools and spas are a sophisticated combination of electronic and mechanical designs that require equipment that can handle the pressure of demands. With certain levels of automation and equipment on pools and spas a single speed pump can handle moving water through pool filter, salt chlorinator, in-floor cleaning systems or multi jet spas.

- 1hp, 1.5hp, 2hp - 1 speed only
- Strong performance
- Robust build
- Easy to use with set and forget functionality



SINGLE SPEED PUMP



3 HP PUMP

= 3 PHASE POWER

Link:

https://s3-ap-southeast-2.amazonaws.com/astral-pools-au/Brochures/CTX_Pump_091019.pdf

https://s3-ap-southeast-2.amazonaws.com/astral-pools-au/Brochures/E-Series_Pump_Brochure_180220.pdf

https://www.astralpool.com.au/files/products/brochures/FXPump_web_0.pdf

Variable Speed Pumps

The variable speed pump turns the water over more than twice as often and offers a lower power consumption on a low speed 24-hour circulation.

The challenge for swimming pool filtration design is that for 90% of the time, effective filtration and circulation of the pool water is achieved with a gentle flow rate of 120 to 200 litres a minute.

Occasionally however, vacuuming, filter cleaning, and specific applications such as water features, spa jets and in floor cleaning require higher flow rates and pressures making variable speed a good choice.

- Save between \$700 and \$1200 per year in operating costs with a lower power consumption to single speed pump
- High performance overdrive mode and fast priming programs
- Reduce carbon emissions
- Whisper quite operation
- Longer pump and equipment life



VARIABLE SPEED PUMP

Link:

https://s3-ap-southeast-2.amazonaws.com/astral-pools-au/Brochures/Viron_XT_Brochure_250820.pdf

