

- Which pump for which application ? -

Circulationpumps(Micra, Nova, Idra, Extrema)



→ application :

- to mix water and supplements or to move the mix of water and supplements

→ facts :

- the total liters on the pump label are the MAXIMUM, so measured without hose !!
- the higher the requested head the lower the capacity (or the longer the distance – vertical and horizontal, the lower the total liters per hour) !!
- the more powerful (more capacity in liters an hour) the pump, less time is necessary to have your mix of water and supplements ready !!

Example : 300 liter tank filled for 50% = 150 liter → divide the maximum pump capacity by the contents in the tank → Nova (800 liter) divided by the contents in the tank (150 liter) will pump around approximately 5 times in 1 hour the contents !!

Low suction (RP-3500)

→ application :

- low suction till a few millimeters (also called utility pumps)
- in practice ideal pump for supplement computers, grow tanks and as outlet pump (for your wasted water, without solid materials)

Submersible pumps (RP-5000 / 9500 / 12000 Inox and 18000 Inox and PRO COMPACT series)



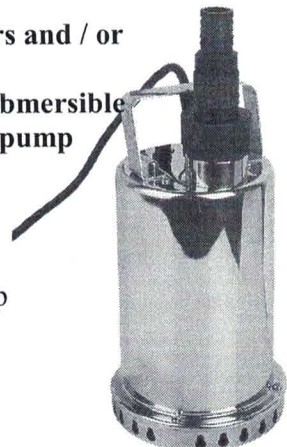
→ application :

above pumps are mainly used as system pump, the capacities go up to 18000 liters an hour

Submersible pumps for high pressure (RP-5400 SP)/ Tuinpompen (RP-2800, RP-3500 INOX)

→ application :

- above pumps are mainly used in vertical systems for which the sprayers and / or ventiles request a higher pressure (to be opened)
- this pump can reach a pressure (= head) of 3-4 times a conventional submersible pump and can therefore be compared with the capabilities of a garden pump
- 1 bar = 10 meter head



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