

# Water Transfer

## Onga Hi-flo Moulded Centrifugal Pumps

We all know that each customer is different, and no two sites are the same. That's why Onga offers a very broad range of value-for-money centrifugal pumps to suit almost any water transfer, wash down or water circulation job. That's also why we've designed the award winning Hi-flo impeller into both moulded and cast iron casings to suit your particular job.

### 400 Series



The 400 series of Onga Hi-flo pumps are constructed of the same corrosion-resistant materials as the bigger 140 range, so they'll also deal well with tough circumstances. They provide water flows up to 270 litres a minute or maximum pressure up to 26 metres.

Model 413 is ideally suited to circulation duty in hydroponic greenhouses, while this model and the 415 are available moulded in heat-resistant materials for high temperature applications, like vat washing and other cleaning operations. With casings moulded out of strong ABS, these pumps are built to take on the harshest and most corrosive environments.



### 112/252 Series

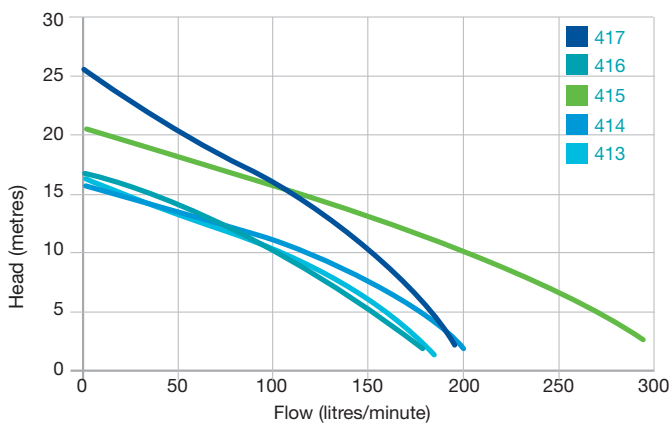


The 112 (moulded construction) and 252 (cast iron construction) provide higher head than the 400 series. This suits those jobs involving greater distances or more rugged terrain where a compact water transfer pump is required.

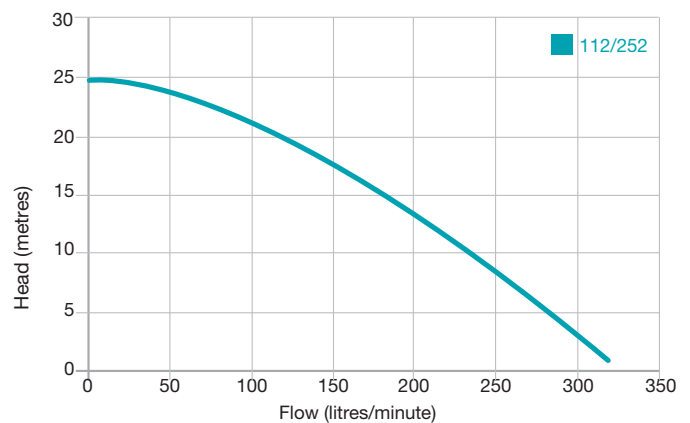


Hi-flo model 112

### Hi-flo 400 Series Performance



### Hi-flo 112/252 Performance



### Moulded Centrifugal Pumps features

|                               |   |
|-------------------------------|---|
| Award winning Hi-flo impeller | High pressure, high flow and great efficiency with lower operating cost |
| Moulded pump casing           | Corrosion resistant and lightweight                                     |
| Close coupled to a TEFC motor | Resistant to water ingress, vermin proof, and high efficiency           |
| Single or three phase         | This option available for 143/183, and 184                              |
| Inbuilt thermal overload      | Protects motor from overheating through pump jamming or similar         |

## Onga Hi-flo Moulded Centrifugal Pumps

### 140 Series

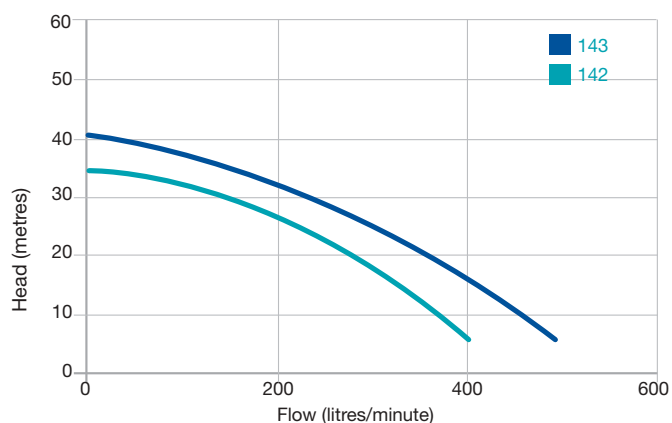


Onga is a leader in the use of injection moulding for pump components. This is evident in the 140 series, which couples hydraulic design and corrosion-resistant high grade moulded materials. This provides a general purpose pump that is suitable for high head water transfer, tank filling, irrigation and circulation duties. Flows of up to 500 litres per minute or heads over 40 metres are available from this range.



Hi-flo model 142

### Hi-flo 140/180 Series Performance



# Water Transfer

## Onga Hi-flo Cast Iron Centrifugal Pumps

The Onga Hi-flo range includes a wide variety of pumps fabricated from cast iron for ultimate strength and durability. From the smallest Model 252 up to the 180 series and 150 self primer, these pumps will take on the toughest jobs.

### 180 Series



Available in cast iron, and featuring the same award winning Hi-flo impeller, these pumps are the first choice for strength, rigidity and reliability.

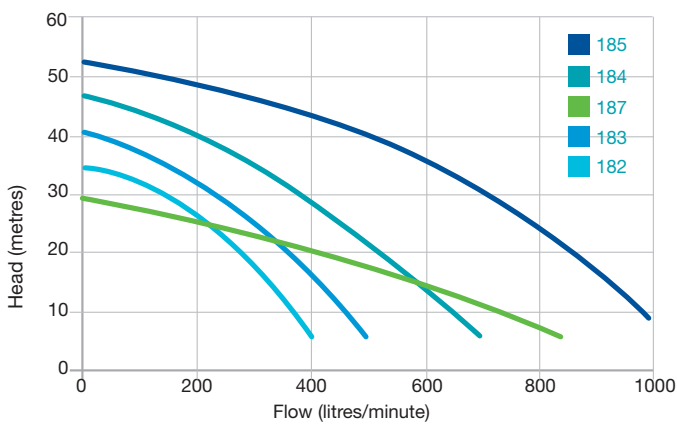
Models are available with maximum flows from 400 to over 1000 litres per minute, with maximum pressures from 35 to more than 50 metres of head.

The 184 is now available with a 3.7kW single phase motor for those situations where high pressure and flow are needed, but bringing three phase power to the site is not economical.



Hi-flo 184

### Hi-flo 180 Series Performance



### Self-priming Range

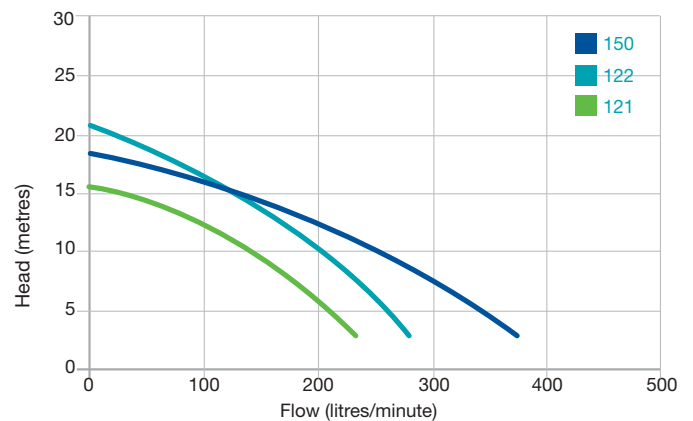


The self-priming versions of the Hi-flo range are suitable for pumping septic tank effluent. They are surface mounted, and so are far easier to service than submersible pumps. With an open impeller and a built in check valve, they have excellent self-priming characteristics, and can handle soft solids without clogging.



Hi-flo model 150

### Hi-flo Self Primer Range Performance



### Cast Iron Centrifugal Pumps features

|                               |   |
|-------------------------------|---|
| Award winning Hi-flo impeller | High pressure, high flow and great efficiency with lower operating cost |
| Cast iron pump casing         | Ultimate in strength and durability                                     |
| Close coupled to a TEFC motor | Resistant to water ingress, vermin proof, and high efficiency           |
| Single or three phase         | This option available for 143/183, and 184                              |
| Inbuilt thermal overload      | Protects motor from overheating through pump jamming or similar         |

**ongga**<sup>®</sup>

TAKING WATER FURTHER

## Riva-flo Cast Iron Centrifugal Pumps

The Riva-flo range of cast iron centrifugal pumps has been designed and manufactured for cost-effective general purpose water transfer duties. Their cast iron construction and heavy duty TEFC motor make for a solid, dependable pump.

### Riva-flo Range

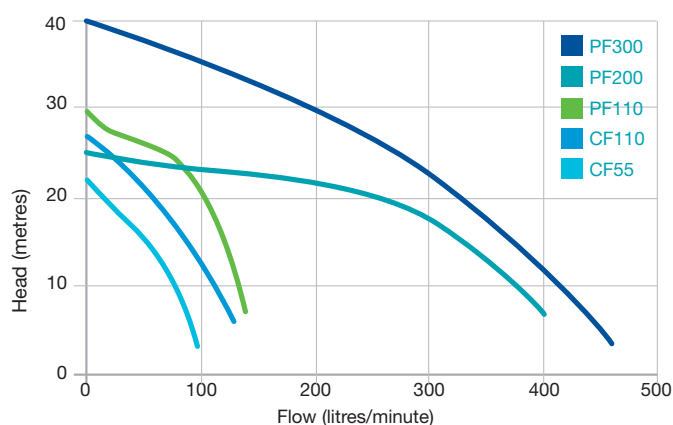


The impeller is cast and machined from bronze [models CF55, CF110 and PF110] or moulded [models PF200 and PF300], while the motor shaft is high grade stainless steel. The PF models include a high offset suction port for easier priming and better air handling in a suction lift application. CF models have a suction port in line with the impeller eye for better performance when the source of water is above the pump.



Model CF110

### Riva-flo Centrifugal Performance



#### Riva-flo Range features

|  |                                       |
|--|---------------------------------------|
| Cast iron construction                   | Heavy duty casing for strength        |
| Stainless steel shaft                    | Corrosion protection                  |
| TEFC motors - inbuilt thermal protection | Durable drive source                  |
| Offset suction port (PF models)          | Aids suction lift and priming         |
| Central suction port (CF models)         | Efficiency for positive suction sites |



# Riva-Flo