

## Centrifugal single stage pump for water recirculation

### Applications

Water recirculation in swimming pools, spas and whirlpools.

### Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.  
Pump shaft in AISI 431.  
Mechanical seal in aluminium-graphite.  
Motor casing in aluminium.  
O-rings in NBR/EPDM.

### Equipment

No cable.  
Unions included, suction 1<sup>1/2</sup>" and discharge 1".

### Motor

Asynchronous 2 poles.  
IPX5 protection.  
Class F insulation.  
Built-in thermal protection.  
Continuous operation.

### Limitations

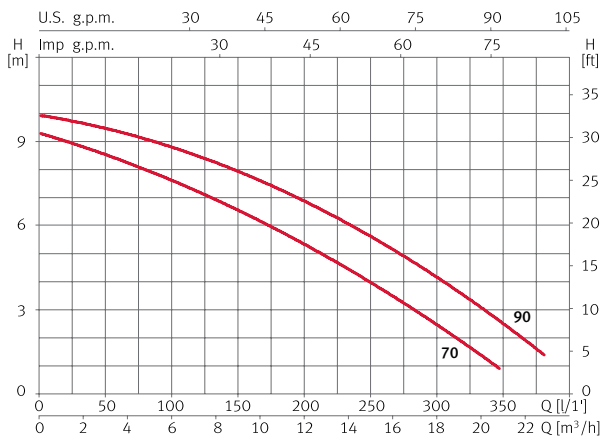
Maximum water temperature: 50° C.



### Hydraulic performance table

Model	I [A]		P1 [kW]	P2		c [μF]	l/min	50	100	150	200	300	Code	
	1~115V	1~220V	1~	[kW]	[HP]	115V/220V							m <sup>3</sup> /h	1~115V
Tiper 70	5,7	3,2	0,65	0,37	0,5	30/12	mwc	8,5	7,6	6,5	5,4	2,5	210318	210316
Tiper 90	7	3,9	0,8	0,75	1	30/12		9,5	8,9	8	7	4	210319	210317

### Performance curve at 3450 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	H	I	Kg
Tiper 70	100	155	135	312	47	88	74	1 <sup>1/2</sup> "	1"x2"	3,9
Tiper 90	100	155	135	312	47	88	74	1 <sup>1/2</sup> "	1"x2"	4,4

