

# Wiper 0 Swimming pool, whirlpool and spa



## 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 50mm.

### Motor

Asynchronous 2 poles.  
IPX5 protection.  
Class F insulation.  
Single phase motor with built-in thermal protection.  
Continuous operation.

### Limitations

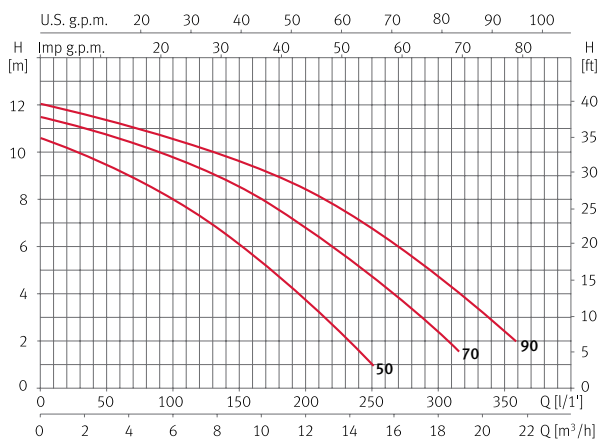
Maximum water temperature: 50° C.



### Hydraulic performance table

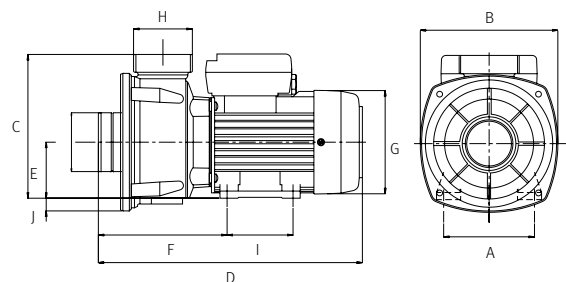
Model	I [A]	P1 [kW]	P2		c [µF]	l/min m³/h	25	50	100	150	200	250	300	350	Code
	1~ 230V	1~	[kW]	[HP]			1,5	3,0	6,0	9,0	12	15	18	21	
Wiper 0 50	2,3	0,5	0,24	0,33	12	mwc	10	9,4	7,9	6	3,6	1	-	-	203170
Wiper 0 70	2,9	0,65	0,37	0,5	12		11	10,6	9,7	8,5	6,6	4,5	2,2	-	203171
Wiper 0 90	3,7	0,85	0,75	1	12		11,7	11,3	10,5	9,6	8,4	6,7	4,6	2,2	203172

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	Kg
Wiper 0 50	102	155	162	296	63	145	116	21/4"	74	15	5,7
Wiper 0 70	102	155	162	296	63	145	116	21/4"	74	15	6
Wiper 0 90	102	155	162	296	63	145	116	21/4"	74	15	6,8



# Wiper 3 Swimming pool, whirlpool and spa



## 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 63mm.

### Motor

Asynchronous 2 poles.  
IPX5 protection.  
Class F insulation.  
Single phase motor with built-in thermal protection.  
Continuous operation.

### Limitations

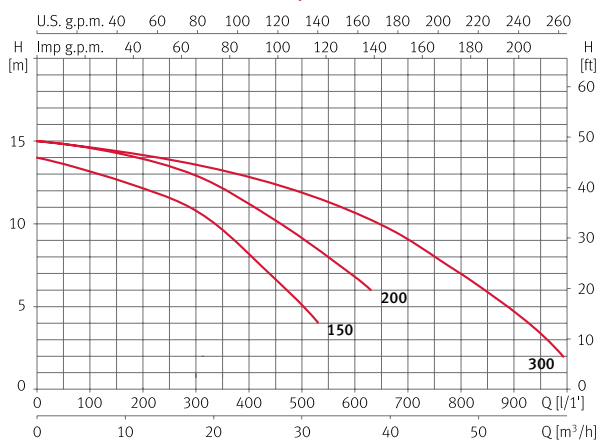
Maximum water temperature: 50° C.



### Hydraulic performance table

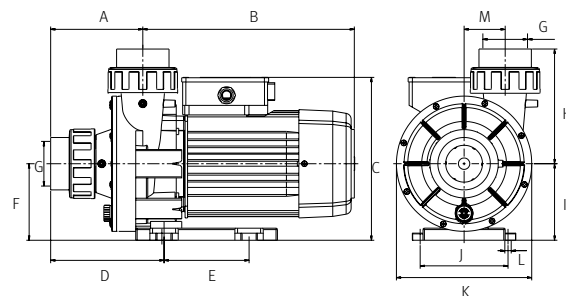
Model	I [A]			P1 [kW]		P2		c [μF]	l/min m³/h	50	100	200	300	400	500	600	900	Code	
	1~230V	3~230V	3~400V	1~	3~	[kW]	[HP]			3,0	6,0	12	18	24	30	36	54	1~230V	3~230V/400V
Wiper 3 150	6,4	5	2,9	1,4	1,1	1,1	1,5	25	13,3	13	12,1	10,8	8,2	5	-	-	-	203173	203176
Wiper 3 200	8,8	6,6	3,8	2	1,8	1,5	2	40	14,8	14,5	13,9	12,9	11,1	9,1	6,8	-	-	203174	203177
Wiper 3 300	11	7,1	4,1	2,5	2,4	2,2	3	60	14,8	14,5	14,1	13,5	12,8	11,9	10,7	4,7	-	203175	203178

### Performance curve at 2900 rpm

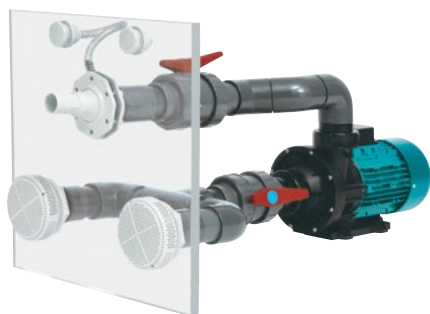


### Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Kg
Wiper 3 150	130	299	230	160	120	108	63	162	108	124	191	9	29	14,3
Wiper 3 200	130	299	230	160	120	108	63	162	108	124	191	9	29	17
Wiper 3 300	130	299	230	160	120	108	63	162	108	124	191	9	29	18,8



## Wiper 3



Suction kit	Code
Suction kit for liner pools	130634



Suction kit	Code
Suction kit for concrete pools	130633

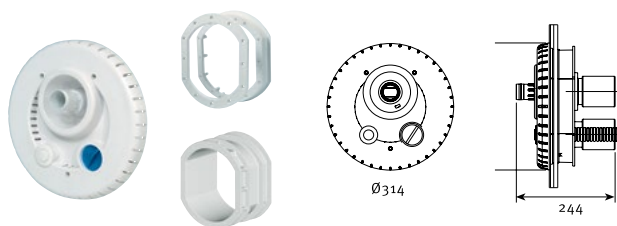
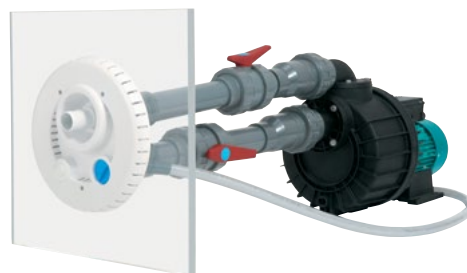


Discharge kit	Code
Discharge kit for liner and concrete pools	130632

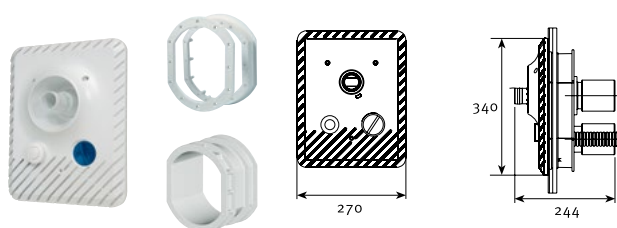


Hose kit	Code
Hose kit 1,5m	104153

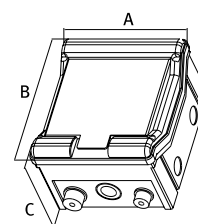
## Nadorsel



Circular kit	Code
Suction and discharge circular kit	128188
Bushing wall kit for liner and concrete pools	146558



Rectangular kit	Code
Suction and discharge rectangular kit	128189
Bushing wall kit for liner and concrete pools	146558



Control panel	Code
Control panel single phase 220V - 2,2 kW	134548
Control panel three phase 400V - 2,2 kW	134549
Control panel three phase 400V - 3 kW	137584



Suction and discharge union	Code
Suction and discharge union of 75mm	11000596