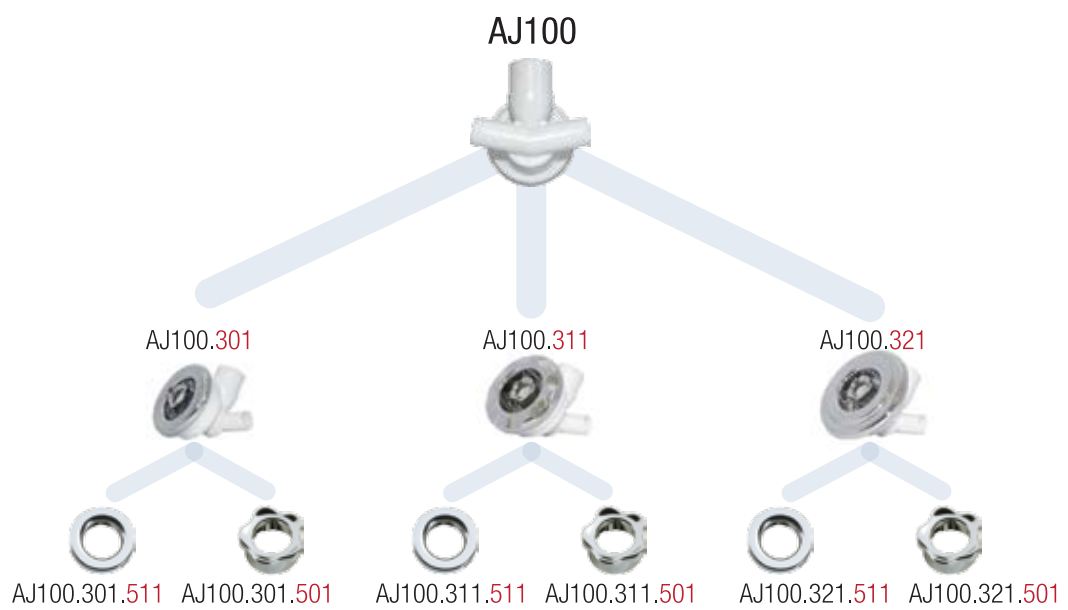




 **HYDRO SYSTEMS UK** *whirlpoolcomponents*

CATALOGUE 2009

system coding



PRODUCT SPECIFICATION

diameters:

- water 32mm
- air 20mm

water AquaJet, body PVC for clip or glue, face chrome



AJ100.301.501

AJ110.311.501

FACE MODELS

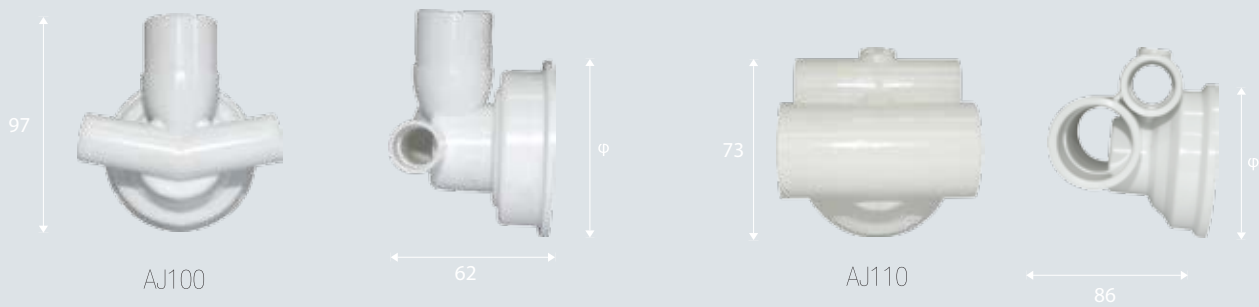


AJ301

AJ311

AJ321

FACE TYPE	φ[mm]	MATERIAL
AJ301	78,80	PVC CHROME
AJ311	80,20	PVC CHROME
AJ321	96,50	PVC CHROME



AJ100

62

AJ110

86

BALL MODELS



AJ511

AJ501

ACCESSORIES (for fast connection)



PRODUCT SPECIFICATION

diameters:

- water 32mm

- air 20mm

water MacJet, body PVC for glue,
face chrome



MC100.301.511



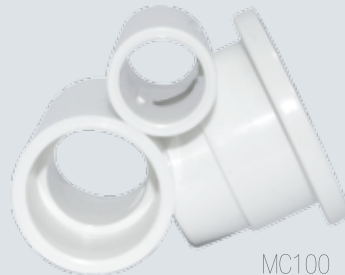
MC100.301.501

MC100.301.511

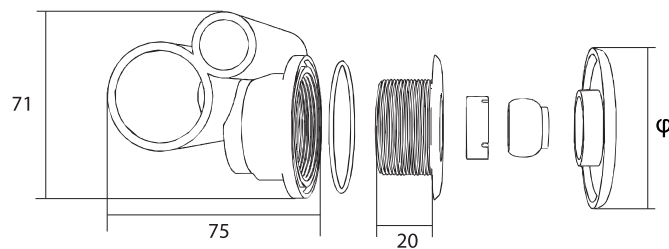


MC100.311.501

MC100.311.511



MC100



MODEL	φ[mm]	MATERIAL
MC301	66	PVC CHROME
MC311	67	PVC CHROME

PRODUCT SPECIFICATION

diameters:

- water 25mm

- air 16mm

water MacJet, body PVC for clip,
face chrome



MC110.301.501



MC110.301.501



MC110.301.511



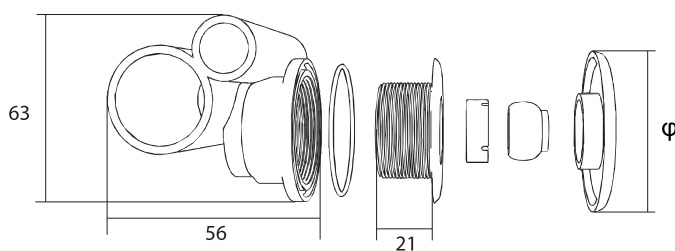
MC110.311.501



MC110.311.511



MC110



MODEL	φ[mm]	MATERIAL
MC301	66	PVC CHROME
MC311	67	PVC CHROME

PRODUCT SPECIFICATION

diameters:

- water 32mm

- air 20mm

water EuromicJet, body PVC for glue,
face chrome



EM100.321



EM100.301.501



EM100.311.501



EM100.321



EM100.301.511



EM100.311.511



EM100

MODEL	φ[mm]	MATERIAL
EM100.301	41	PVC CHROME
EM100.311	31	PVC CHROME
EM100.321	41	PVC CHROME

PRODUCT SPECIFICATION

diameters:

- water 32mm for glue / 25mm for clip

- air 20mm for glue / 25 for clip

water HydroJet, body PVC for clip or glue,
face chrome



HJ110.301.511



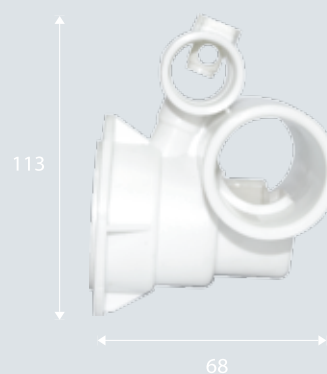
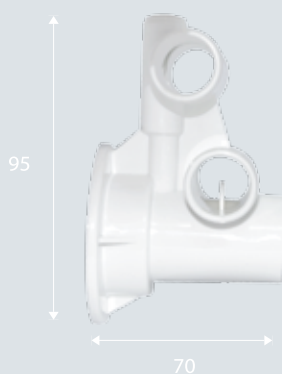
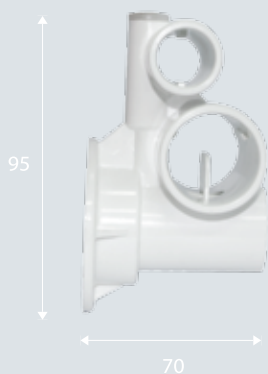
HJ100.301.511



HJ110.301.511



HJ120.311.511



HJ100



HJ110



HJ120

MODEL	φ[mm]	MATERIAL
HJ301	65	PVC CHROME
HJ301	65	PVC CHROME
HJ311	68	PVC CHROME

PRODUCT SPECIFICATION

diameters:
- water 50mm

water suction, body PVC for glue,
face chrome



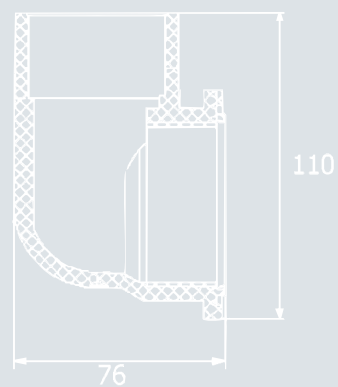
ZW100.311



ZW100.301



ZW100.311



MODEL	φ[mm]	MATERIAL
ZW100.301	90	PVC CHROME
ZW100.311	90	PVC CHROME

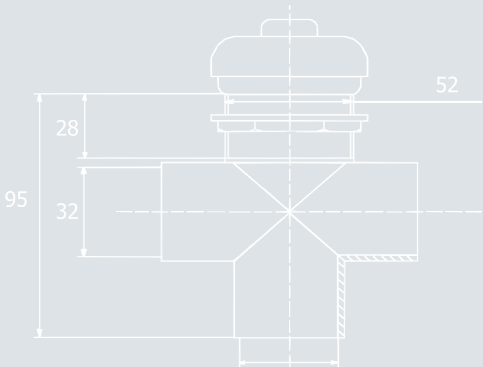
PRODUCT SPECIFICATION

diameters:
- water 32mm

three way distributed valve,
body PVC for glue,
face chrome









ZT101



PRODUCT SPECIFICATION

the air control
body ABS
face chrome










AIR CONTROL			
index	picture	dimensions [mm]	specification
RE112		L=64mm h=7mm r=50mm Ø=40mm	Air control ABS
RE113		L=72mm h=20mm r=42mm Ø=33mm	Air control brass
RE114		L=108mm h=24mm r=45mm Ø=35mm	Air control brass
RE115		L=110mm h=24mm r=45mm Ø=35mm	Air control brass
RE116		L=114mm h=28mm r=45mm Ø=35mm	Air control brass
RE117		L=110mm h=24mm r=45mm Ø=35mm	Air control brass
RE111/S		L=90mm h=10mm r=46mm Ø=32mm	Air control ABS
RW02		L=134mm Ø=40mm	Plaque of ABS
RW03		L=205mm Ø=40mm	Plaque of ABS

PRODUCT SPECIFICATION

the on/off pneumatic button
body PVC,
face chrome



PNEUMATIC BUTON			
index	picture	dimensions [mm]	s pecification
RW112		L=70mm R= 50mm Ø=36mm	Pneumatic button ABS
RW113		L=66mm R=42mm Ø=33mm	Pneumatic button brass
RW114		L=48mm r=45mm Ø=35mm	Pneumatic button brass
RW115		L=45mm r=40mm Ø=32mm	Pneumatic button brass
RW111S		L=65mm R=46mm Ø=32mm	Pneumatic button ABS
RW02		L=134mm Ø=40mm	Plaque on ABS
RW03		L=205mm Ø=40mm	Plaque on ABS



whirlpool bath pump series JA

PRODUCT SPECIFICATION

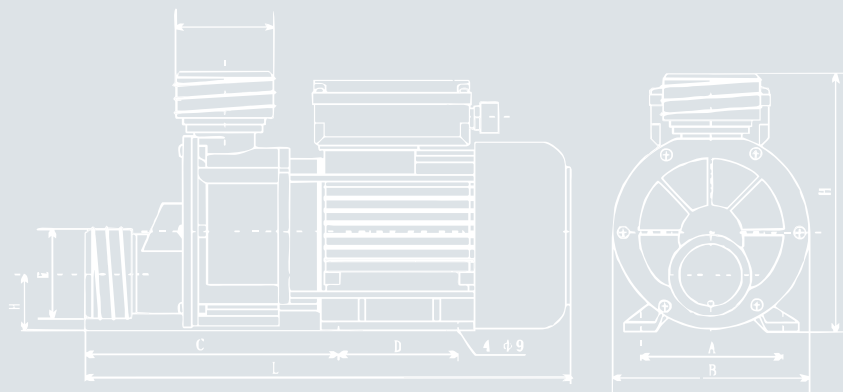
- 220V/50Hz/60Hz or 120V/60Hz
- protection : IP45
- insulation class B
- assemblage thermal protector

PARTS AND MATERIALS

- pump casing: resist high heat reinforce plastic
- air switch: 15A/250V (optional)
- cabel: H05VV 3*0,75mm, 1,2m, noplug



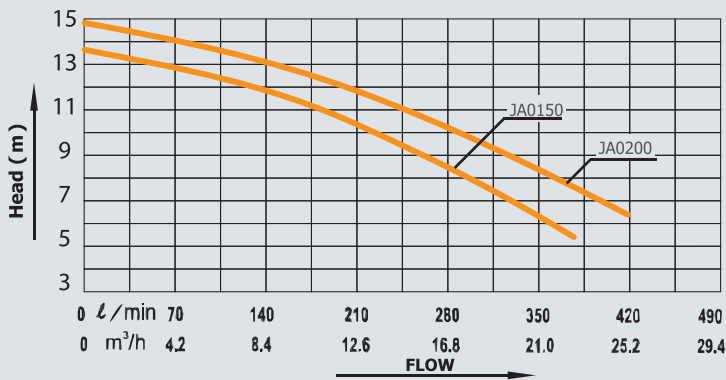
Pump series JA													
MODEL	Qmax	Hmax	P1		A	B	C	D	E	H1	H	L	W
	[L/MIN]	[m]	[Kw]	[HP]									[Kg]
JA150	380	16	1,1	1,5	121	187	222	96	G2-1/4"	48	211	407	12
JA200	450	16	1,5	2	121	187	222	96	G2-1/4"	48	211	407	13,5



Using and Installing:

Liquid temperature: 4°C-50°C Storage temperature: -10°C +50°C Relative Air Humidity: 95% max.

whirlpool bath pump series JA



ACCESSORIES



PU - 1001



PU - 1002



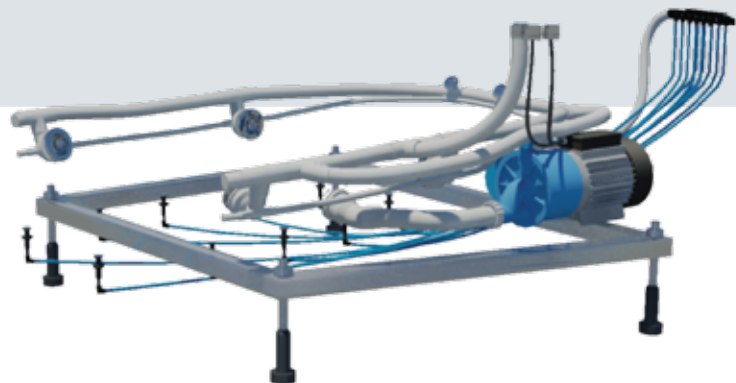
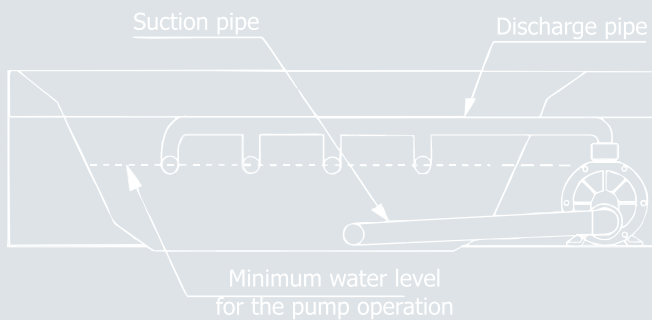
SW - 1001



SI - 1001



SI - 1002



Using and Installing:

- the pump should be installed horizontally, securing them with screws through the holes in the supports to prevent undesirable noise and vibration
- life parts, except parts supplied with safety extra low voltage <12V, must be inaccessible to a person in the bath.

PRODUCT SPECIFICATION

WM Series Hydromassage Bathtub Pump:

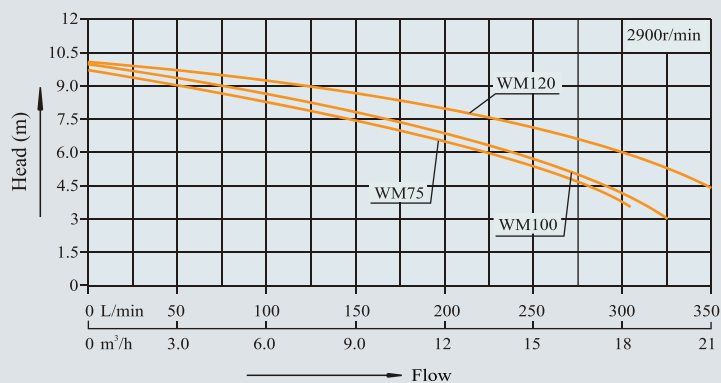
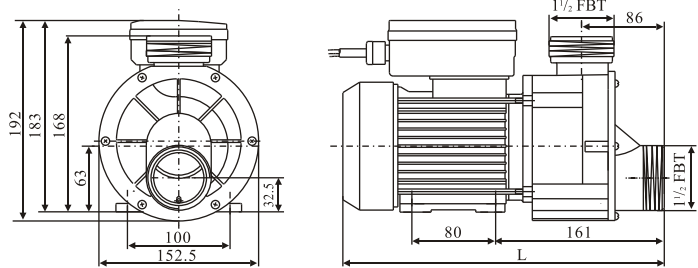
Motor and water are completely separated

Pump housing, pump is in smaller size, is specially suitable for bathtub in smaller size. Pump housing, pump cover, impeller of high reinforce engineering plastic, motor frame made by aluminum, mechanical seal type, pneumatic switch control for easy operation, single phase motor of quite running with thermal protector from T>I, USA to ensure a long time reliable operation.



Motor:

- 2-pole induction motor
- Single-phase: 220-240V/50Hz
- Single-phase with thermal protector from T.I
- Insulation class F
- Protection IPX5
- Continuous duty



MODEL	Qmax	Hmax	P1	
	[L/MIN]	[m]	[Kw]	[HP]
WM75	300	9.5	0.55	0.75
WM100	320	10	0.75	1.0
WM120	350	10	0.90	1.2

PRODUCT SPECIFICATION

Features

- Motor and water are completely separated
- Pump housing, pump cover & impeller are made of high reinforce plastic.
- 0.8L strainer
- Quick record could be use with the inlet & outlet
- Standard installation dimension



SEP100

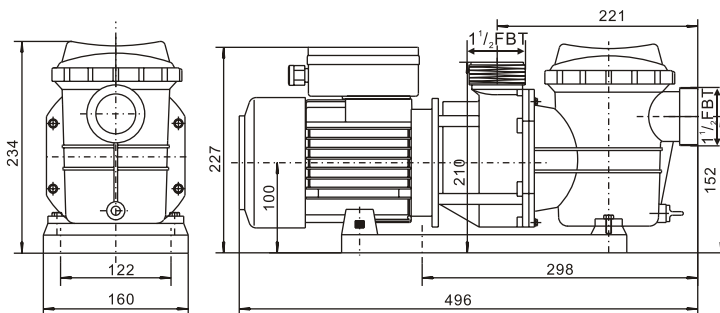


Operation Conditions

- Liquid temperature from +5°C~+60°C
- Ambient temperature up to +50°C
- Max working pressure: 2.5 bar

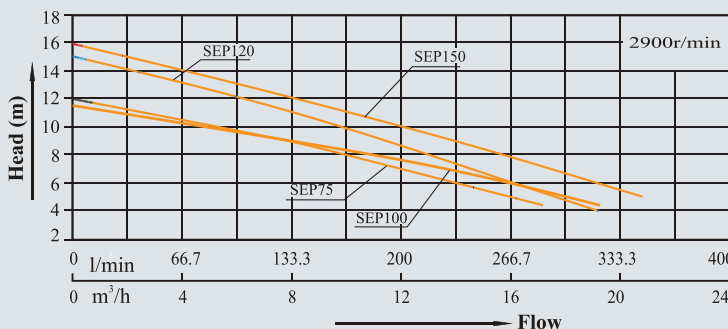
Applications:

- Jet pump for jetted bath tubs, spa pools, swimming pool, massage stations, cleaning system
- Ambient temperature up to +50°C
- Max working pressure: 3 bar



Motor:

- 2-pole induction motor
- Single-phase: 220-240V/50Hz
- Single-phase with thermal protector from T.I
- Capacitor inset
- Insulation class B
- Protection IPX5
- Continuous duty



MODEL	Qmax	Hmax	P1		Kg
	[L/MIN]	[m]	[Kw]	[HP]	
SEP 75	280	11	0.55	0.75	7.5
SEP100	320	11	0.75	1.0	8.0
SEP120	335	15	0.90	1.20	9.0
SEP150	360	16	1.10	1.50	10.5

PRODUCT SPECIFICATION

Features

Motor/pump shaft has no contact with the water, to make sure more safe to operate pump, it's a improved design of enlargening silicon steel of motor.

Total electrical separation.

Pump housing, pump cover & impeller are made of high reinforce plastic.

2.2L filter

Quick record could be use with the inlet & outlet
Super flow



SP200



Operation Conditions

Liquid temperature from +5°C~+60°C

Ambient temperature up to +50°C

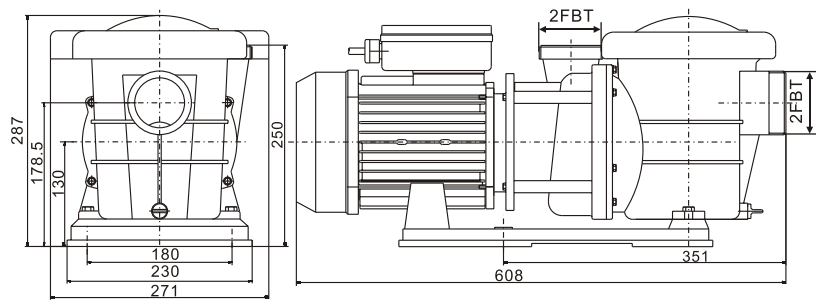
Max working pressure: 3 bar

Applications:

Jet pump for jetted bath tubs, spa pools, swimming pool, massage stations, cleaning system

Ambient temperature up to +50°C

Max working pressure: 3 bar



Motor:

2-pole induction motor

Single-phase: 220-240V/50Hz

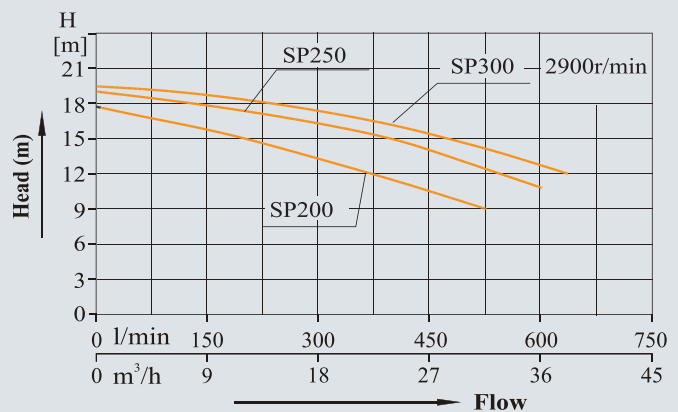
Single-phase with thermal protector from T.I

Capacitor inset

Insulation class B

Protection IPX5

Continuous duty



MODEL	Qmax [L/MIN]	Hmax [m]	P1		Kg
			[Kw]	[HP]	
SP200	520	18	1.5	2.0	14
SP250	600	19	1.85	2.5	15
SP300	635	19.5	2.2	3.0	17

PRODUCT SPECIFICATION

Features

- Motor/pump shaft has no contact with the water
- Pump housing, pump cover & impeller are made of high reinforce plastic.
- Quick record could be use with the inlet & outlet
- Super flow, high head, high efficiency

Operation Conditions

- Liquid temperature from +5°C~+60°C
- Ambient temperature up to +50°C
- Max working pressure: 2.5 bar



SKP

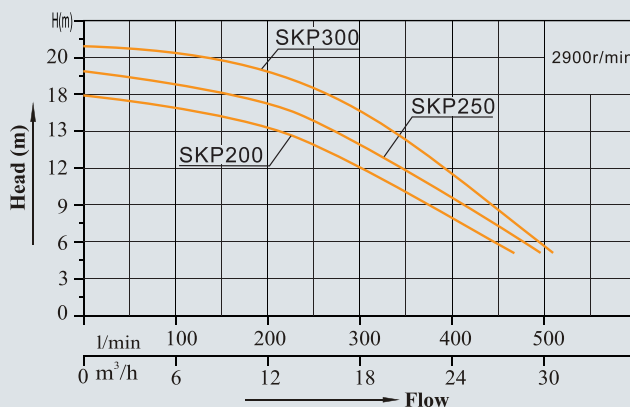
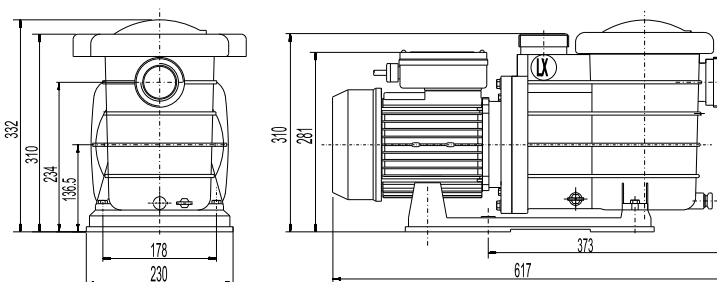


Applications:

- Jet pump for jetted bath tubs, spa pools, swimming pool, massage stations, cleaning system
- Ambient temperature up to +50°C
- Max working pressure: 3 bar

Motor:

- 2-pole induction motor
- Single-phase: 220-240V/50Hz
- Single-phase with thermal protector from T.I
- Capacitor inset
- Insulation class B
- Protection IPX5
- Continuous duty



MODEL	Qmax	Hmax	P1		Kg
	[L/MIN]		[Kw]	[HP]	
SKP200	470	18	1.5	2.0	14
SKP250	490	19	1.85	2.5	15
SKP300	510	21	2.2	3.0	17

PRODUCT SPECIFICATION

Features

- Motor and water are completely separated
- Pump housing, pump cover & impeller are made of high reinforce plastic.
- 0.8L strainer
- Quick record could be use with the inlet & outlet

Operation Conditions

- Liquid temperature from +5°C~+60°C
- Ambient temperature up to +50°C
- Max working pressure: 2.5 bar

Applications:

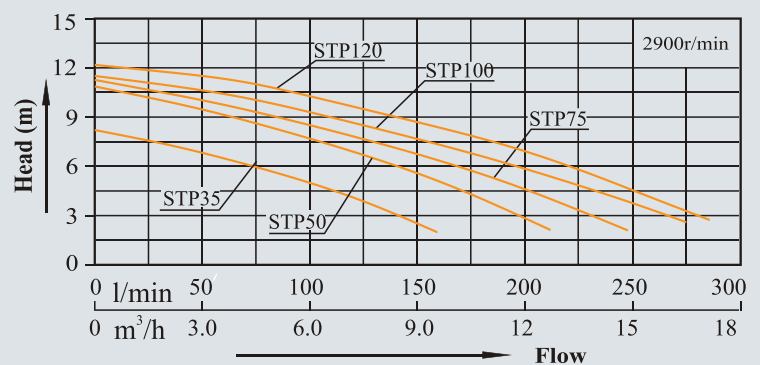
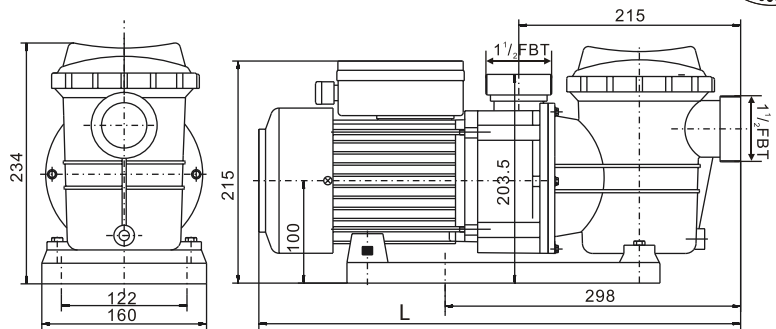
- Jet pump for jetted bath tubs, spa pools, swimming pool, massage stations, cleaning system
- Ambient temperature up to +50°C
- Max working pressure: 3 bar

Motor:

- 2-pole induction motor
- Single-phase: 220-240V/50Hz
- Single-phase with thermal protector from T.I
- Capacitor inset
- Insulation class B
- Protection IPX5
- Continuous duty



STP100

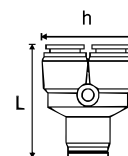
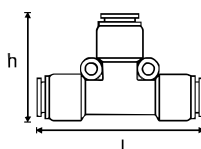
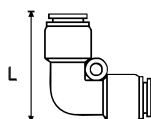
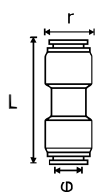


MODEL	Qmax [L/MIN]	Hmax [m]	P1		Kg
			[Kw]	[HP]	
STP35	160	8	0.25	0.35	5.5
STP50	210	10	0.37	0.50	6.0
STP75	240	10.5	0.55	0.75	7.5
STP100	275	11	0.75	1.0	8.5
STP120	300	13	0.90	1.2	9.5

PRODUCT SPECIFICATION

the accessories to assembly on baths with Airpool system

AIRPOOL COMPONENTS			
INDEX	PICTURE	DIMENSIONS [mm]	SPECIFICATION
ZZ1001		L=39 R=15 Ø=8	quickly connector to air jet straight 8mm
ZZ10011		L=49 R=18 Ø=10	quickly connector to air jet straight 10mm
ZZ1002		L=30 R=15 Ø=8	quickly connector to air jet angular „L” 8mm
ZZ10012		L=40 R=18 Ø=10	quickly connector to air jet angular „L” 10mm
ZZ1003		L=45 H=30 R=15 Ø=8	quickly connector to air jet three-way adapter „T” 8mm
ZZ10013		L=55 H=40 R=18 Ø=10	quickly connector to air jet three-way adapter „T” 10mm
ZZ1004		L=40 H=30 R=15 Ø=8	quickly connector to air jet three-way adapter „Y” 8mm
ZZ10014		L=50 H=40 R=18 Ø=10	quickly connector to air jet three-way adapter „Y” 10mm



FITTINGS			
INDEX	PICTURE	SPECIFICATION	
FT-1001		PVC UNION Ø 20mm	FT-1001-20
		PVC UNION Ø 32mm	FT-1001-32
		PVC UNION Ø 50mm	FT-1001-50
FT-1002		PVC UNION Ø 20mm	FT-1002-20
		PVC UNION Ø 32mm	FT-1002-32
		PVC UNION Ø 50mm	FT-1002-50
FT-1003		REDUCER Ø 25/16	FT-1003-25/16
		REDUCER Ø 32/20	FT-1003-32/20
		REDUCER Ø 50/40	FT-1003-50/40
FT-1004		ELBOW 90° Ø 20	FT-1004-20
		ELBOW 90° Ø 32	FT-1004-32
		ELBOW 90° Ø 50	FT-1004-50
FT-1005		ELBOW 45° Ø 20	FT-1005-20
		ELBOW 45° Ø 32	FT-1005-32
		ELBOW 45° Ø 50	FT-1005-50
FT-1006		TEE Ø 20	FT-1006-20
		TEE Ø 32	FT-1006-32
		TEE Ø 50	FT-1006-50
FT-1007		TEE „Y“ Ø 32	FT-1007-32

FITTINGS			
INDEX	PICTURE	SPECIFICATION	
ZZ200732		TEE 90° Ø 32/25mm 2 WAY	ZZ200732
ZZ200532		TEE 90° Ø 32/25mm 1 WAY	ZZ200532
FT100620		TEE 90° Ø 25mm	FT100620
ZZ200832		REDUCER Ø 32/25mm LONG	ZZ200832
FT-1008		STOPPERS Ø 20	FT-1008-20
		STOPPERS Ø 32	FT-1008-32
CL-1001		SMALL 15mm	CLIP PVC
CL-1002		AVERAGE 20mm	
CL-1003		BIG 32mm	
CL-2002		SMALL 25mm	CLIP METAL
CL-2001		BIG 32mm	
SR101		SILICON RUBBER FOR AquaJet	SILICON



AIRPOOL COMPONENTS		
INDEX	PICTURE	SPECIFICATION
ZZ1015		Air distributor with check valve 8 mm
ZZ1016		Air distributor with check valve 10 mm
ZZ1017		Air distributor with quickly connector 8 mm
ZZ1018		Air distributor with quickly connector 10 mm
ZZ1006		Air distributor 12 out / 8mm
LU1000		Big loop
ZZ-1005		Check valve diam 32mm
ZZ1020		Check valve diam 20mm
TBBLW		Tube for blower 1.5 m

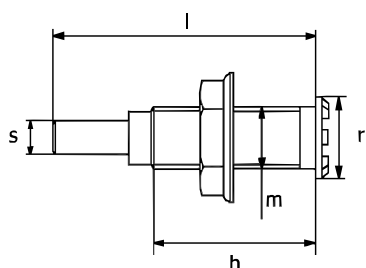
PRODUCT SPECIFICATION

body PVC or metal,
face chrome



DP100.301

AIR JET			
index	picture	dimensions [mm]	specification
DP100.301		r=20mm l=65mm m=15mm h=40mm s=8mm	- body ABS - face ABS chrome - side air exit
DP100.311		r=20mm l=65mm m=15mm h=40mm s=8mm	- body ABS - face ABS chrome - 7 holes air exit
JE151-8 JE152-10		r=26mm l=64mm m=16mm h=44mm s=8mm, s=10mm	- body brass - face ABS chrome - side air exit
DP110.351-8 DP110.351-10		r=16mm l=57mm m=12mm h=38mm s=8mm, s=10mm	- body brass - face brass chrome - side air exit



r - head diameter
l - full length
m - thread diameter
h - thread length
s - connection diameter





air blowers series AP

PRODUCT SPECIFICATION

- 220V/50Hz/60Hz or 120V/60Hz
 - protection : IP45
 - insulation class B
 - assemblage thermal protector
- Noise : noise of air blower pump with a nozzle <= 72dB



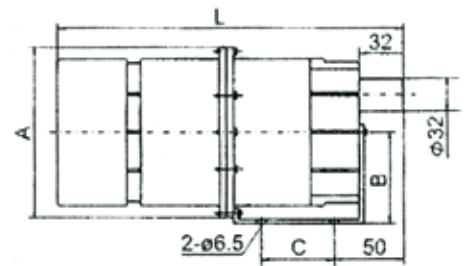
AP SERIES

PARTS AND MATERIALS

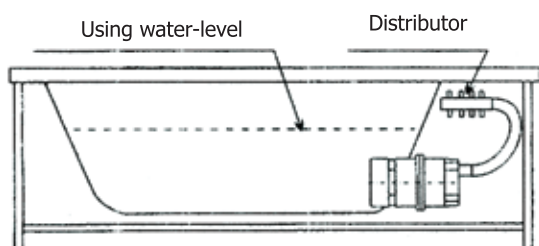
- pump casing: resist high heat reinforce plastic
- air switch: 15A/250V (optional)
- carbon brush: using import materials
- cabel: H05VV 3*0,75mm, 1,2m, noplug



MODEL	L	A	B	C
AP300	234	138	75	36
AP700	249	168	88	52,5



MODEL	MOTOR POWER (W)	Curent	NUMBER OF NOZZLE
AP300	270 – 300	1,7	8 – 16
AP700	650 – 700	3,3	16 – 32



air blower series APR



PRODUCT SPECIFICATION

Parts and Materials

Pump casin: Hih temperature resistant reinforce plastic

Air switch: 15A, 250V (optional)

Carbon brush: materials

Products Performance

Insulations class F

Air blower with heater and Oxygen lamp or ultraviolet germicidal lamp.

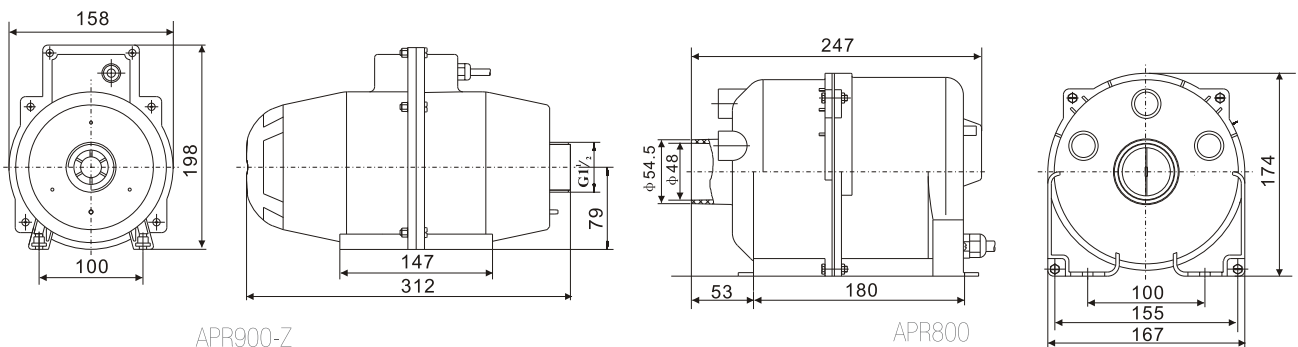
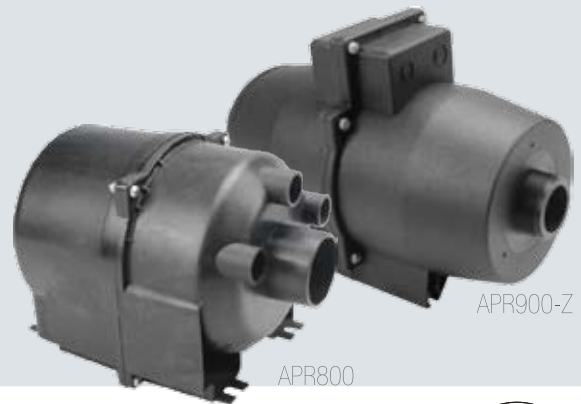
Function as air-dry and bactericidal for the hydromassage bathtub system.

Assemblage thermal protector

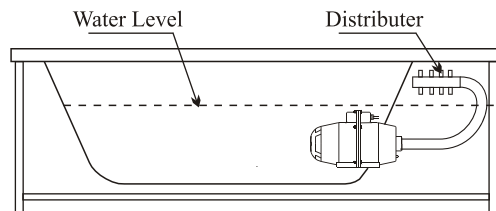
There is fuse inside the motor

Noise: noise of air blower pump with a nozzle cca 72dB

Recognize certified: CE, EMC, TUV



MODEL	MOTOR POWER (W)	HEATER POWER (W)	ULTRAVIOLETGERMICIDAL OR OXYGEN LAMP (W)	HEATING TEMP	NUMBER OF NOZZLE
APR800	700-750	180		50-56°C	16-32
APR900-Z	700-750	300	3.5	55-65°C	16-32



Using And Installing:

1. The number of nozzle installed should be more than number of regulation minimum.
2. The installation of distributor must be higher than de using water-level in case water come in to air blower pump.
3. The connect pipe of air blower pump must use heat-resisting pipe.
4. Air blower must be installed fixed, and the connect pipe must be fastened.

PRODUCT SPECIFICATION

H series heater:

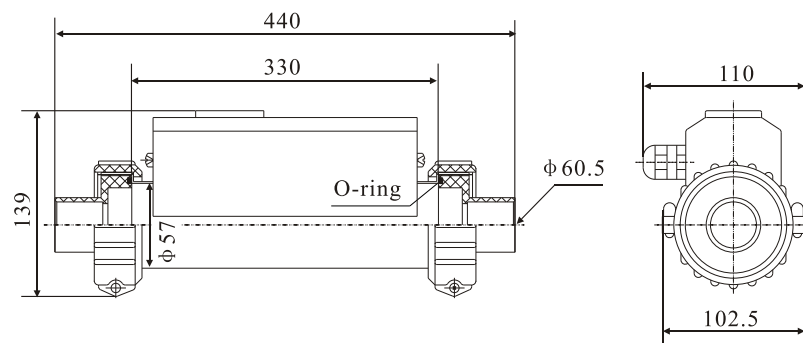
H series heater is designed for hydromassage bathtub, it is installed with the pipes of hydromassage bathtub. After the bathtub is filled with hot water and start to run the water pump, then the heater will start automatically to heat the water and maintain the water's temperature as about 39°C, it create a more comfortable environment for the hydromassage.



It features:

- Stainless steel casing
- Flow switch protection
- Temperature set switch

H-R: metal pipe electric-heating element
Recognize certified: CE, TUV



MODEL	POWER (W)	CURRENT (A) 120V	BATHTUB WATER CAPACITY (LITRE)
H30-R1	3000	13	1285
H40-R1	4000	17.4	2000
H50-R1	5000	21.7	3000

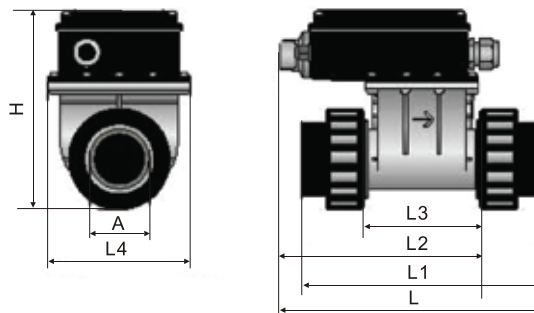
PRODUCT SPECIFICATION

HRS Heater:

Electric heaters for spa pools and small swimming pools are designed for continuous flow with a minimum pressure loss. The compact design enables installation where there is little space. The heater is made of plastic with a heating element of Incoloy 825, a high-alloy steel with excellent characteristics against aggressive water. The heater is available in four sizes, 1.0 kW, 2.0 kW, and 3.0 kW, and is delivered with an adjustable thermostat 0-45°C, overheating limit control 60°C and flow switch. You can control the water temperature +, - 2°C between the set temperature. Maximum working temperature: 1 bar



Recognize certified: CE, TUV



MODEL	POWER (W)	CURRENT (A) 240V	BATHTUB WATER CUBAGE (LITRE)
H10-RSI	1000	4.5	227
H15-RSI	1500	6.8	378
H20-RSI	2000	9.0	756
H30-RSI	3000	13.6	1285

MODEL	L	L1	L2	L3	L4	H	A
H10-RSI	226	210	186	130	120	156	∅ 50
H15-RSI	226	210	186	130	120	156	∅ 50
H20-RSI	226	210	186	130	120	156	∅ 50
H30-RSI	226	210	186	130	120	156	∅ 50

PRODUCT SPECIFICATION




diameters:

- water 32mm

- air 20mm

water MacJet, body PVC for glue,
face chrome



TUBES PVC			
INDEX	PICTURE	DIMENSIONS [mm]	SPECIFICATION
PVC-3		PVC 3mm	Tube PVC for the pneumatic button
PVC-8		PVC 8mm	Tube PVC for the air system
PVC-10		PVC 10mm	
PVC-16		PVC 16mm	Tube PVC for the hydro system
PVC-20		PVC 20mm	
PVC-25		PVC 25mm	
PVC-32		PVC 32mm	
PVC-50		PVC 50mm	








GLUE

PRODUCT SPECIFICATION

handles and pilow mounted on baths,
maked from polyurethane or metal

HANDLES			
INDEX	COLOUR	PICTURE	SPECIFICATION
U1001-W	WHITE		HANDLE ABS
U1001-G	GREEN		
U1001-B	BLUE		
U1002-W	WHITE		HANDLE ABS
U1002-G	GREEN		
U1002-B	BLUE		
U1003-W	WHITE		HANDLE PU
U1003-G	GREEN		
U1003-S	SILVER		
U1003-BL	BLACK		
U1004-W	WHITE		HANDLE PU
U1004-G	GREEN		
U1004-S	SILVER		
U1004-BL	BLACK		

PILOW			
INDEX	COLOUR	PICTURE	SPECIFICATION
HA2001-W	WHITE		Pillow "JULIA" PU
HA2001-G	GREEN		
HA2001-B	BLUE		
HA2002-W	WHITE		Pillow "KAJA" PU
HA2002-G	GREEN		
HA2002-S	SILVER		
HA2002-BL	BLACK		
HA2003-W	WHITE		Pillow "VALEC" PU
HA2003-G	GREEN		
HA2003-S	SILVER		
HA2003-BL	BLACK		
HA2004-W	WHITE		Pillow "VALEC-V" PU
HA2004-G	GREEN		
HA2004-S	SILVER		
HA2004-BL	BLACK		
HA2005-W	WHITE		Pillow "GIANCO" PU
HA2005-G	GREEN		
HA2005-S	SILVER		
HA2005-BL	BLACK		

PRODUCT SPECIFICATION

legs with foot board made from ABS material, in two sizes, regulated height on thread M12.



3002

LEG80 mm



3001

LEG45 mm



3002

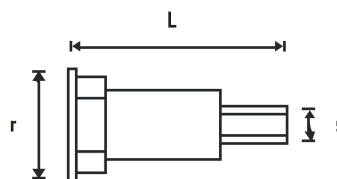
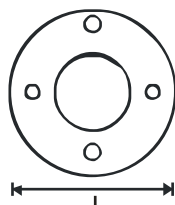
FOOT BOARD



3003

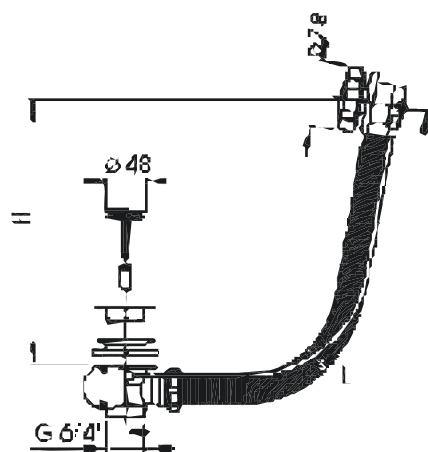
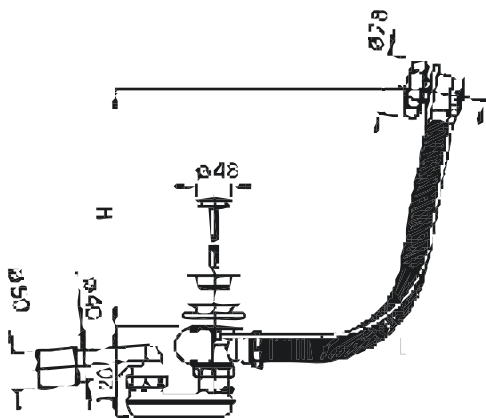
LEGS OF BATHS

INDEX	SPECIFICATION	L [mm]	r [mm]	s [mm]
3001	LEG PVC	80	39	M12
3002	LEG PVC	45	39	M12
3003	FOOT BOARD PVC	—	38	—



PRODUCT SPECIFICATION

overflow kids to the baths with whirlpool system





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