

BathCatalog

Balboa Water Group Products Catalog 2016









Welcome to our new and updated 2016 Balboa Water Group (BWG) Bath Catalog.

As you browse through the pages of the expanded catalog, you will find our new Slimline® Jet Collection, Square Jets, Titan System™ and PermaHeat™. These and other new products are built upon our proven industry leading innovations and quality products that we have been delivering for nearly 30 years.

In addition, this catalog includes all the standard products that you have been using and relied on in your businesses for many years and will continue to be the foundation of our product offering going forward.

We thank you for your business and look forward to working with you in the future.







Our outlook has earned us the position of leading global supplier in our industry with state-of-the-art manufacturing, and an unsurpassed reputation for reliability.









Certifications

We believe in working with other organizations to meet quality standards that provide lasting results, and ultimately meet and exceed our standards for the highest quality and expertise for the leisure water industry.





ETL







UL







-

CSA

TÜV

NEMKO

VDE

Solutions & Services

We are fundamentally committed to customer satisfaction. Our customers know they can depend on us for quality, reliability and our exceptional performance standards. Balboa Water Group is proud to offer:



Personal Touch

We offer special customizations to create unique product looks and offerings to set our customers apart from the competition. Please call to inquire.



All in one kit

We offer specialized bundling capabilities that include everything our customers need for one bath all packed in one box.



Sales Support

Balboa Water Group is proud to offer an ongoing relationship between the OEMS and our customers where services are rendered throughout the product life cycle until the end of life. Our support includes warranty, upgrades and repair services.



Standard Product Offerings

We offer a wide range of products in chrome and various other colors, in both metric and imperial. Please call to inquire.

New Products





Slimline® Collection

See our new series of Air and Hydromassage jets...

The jets are truly low profile - flush and unobtrusive. The ultra low profile is smooth to the touch and aesthetically pleasing and matches our LED buttons and Slimlite LED lights perfectly!

See pages: Slimline® Watsu pg. 21, Slimline® Multi Hole pg. 22, Slimline® Micro Back Jet pg. 31, Slimline® Directional Eyeball and Swirl Jet pg. 48, Slimline® Trans-Adjustable pg. 62. and Slimline Suction pg. 115.



Zin Look - Square Series Jets

Try a new look!

This range of square Hydromassage jets, air control and pneumatic button will make your bath look just that little bit different.

See pages: Micro Jets pg. 33, Trans-Adjustable Jet Faces pg. 64, Air Button pg. 81 and Air Control pg. 90.



Titan System™

The latest system for bath!

The next generation system packs more power functions into a single box replacing two of the first generation controls.

See pages: Titan System™ pg. 73 and Titan Control Kit pg. 145.



PermaHeat™

Feel the warmth!

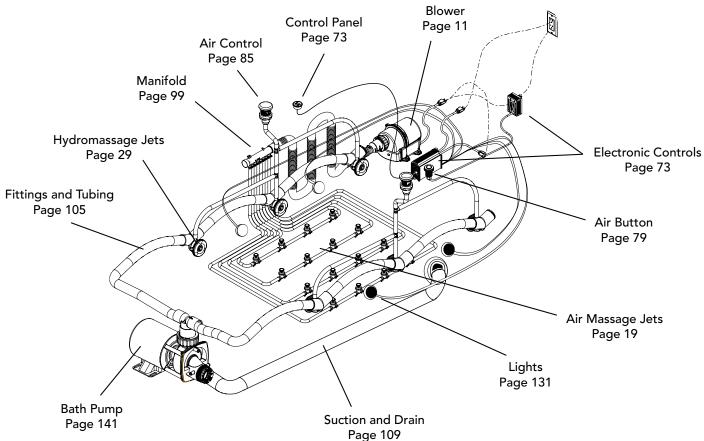
ANNOUNCING the latest in Balboa Bath PermaHeat™. The Heater is packed with lots of new features for a more enjoyable bath.

See pages: PermaHeat™ pg. 127.



Product Placement





Note: This is a general over view of the bath product placements. All product placement varies depending on the bath manufacturer.

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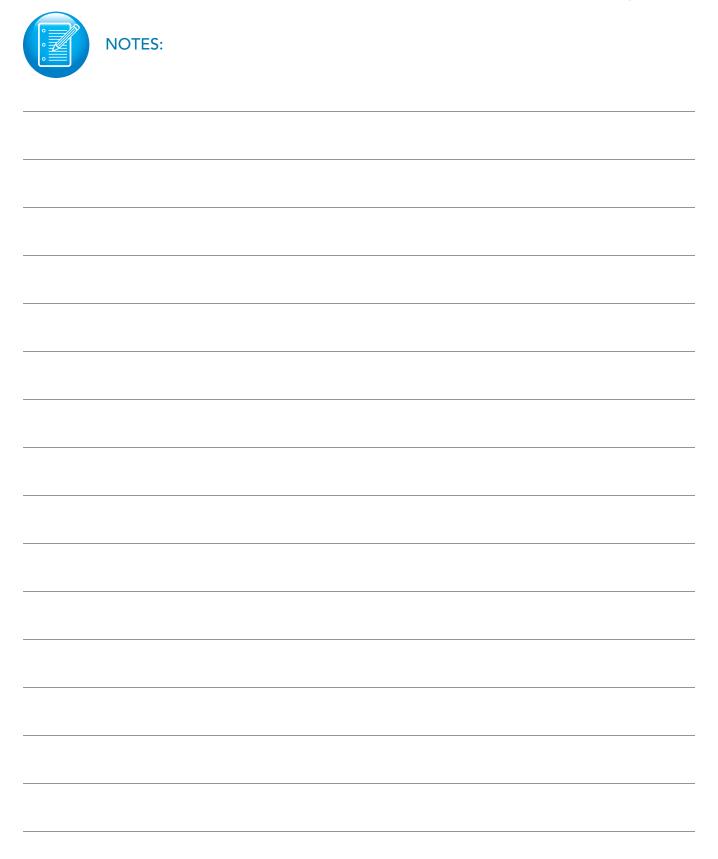
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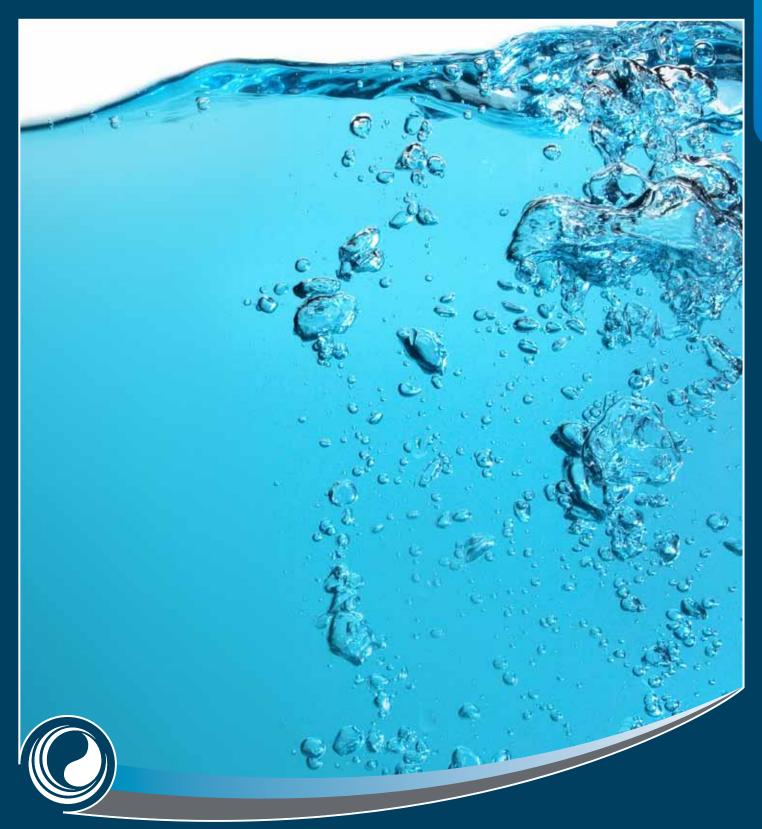


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Your Single Source Solution





NOTES:			

water group

Bath Blower

Compact Quiet-Flo™



OPTION WITH ELECTRONIC CONTROL 8141-6320 (With Heater) 8141-0320 (No Heater)

Electronic Control Options

Blower -Light Increase . Reduce Speed Speed

Topside Panel – 90013 Cable - 25569 Conductive Water Detect - 99749 Light Cable Adaptor - 25750

OPTION WITH AIR SWITCH

Works with Air Buttons

Plastic flat - 13082-XX

Plastic raised – 13083-XX

Plated Metal flat – 18082-XX

Plated Metal raised – 18083-XX

Plated plastic flat - 13085-XX

Plastic flat ½ threads with ring on

bottom - 13070-XX

Plated plastic flat with ring on bottom – 13071-XX

Plastic flat with loop on bottom - 52110025XXX All models have compact designs which allow for constrained space installations. Additionally, the Quiet-Flo's air intake is below the output so that the blower can be mounted against a wall without any concern for flow restrictions. The blower will work with any air or electronic control system and comes with a standard NEMA plug. Optional unionized connections and check valves are available.

FEATURES: Compact Design, Small Foot Print, 1 HP Motor, 115V/60Hz/11.3AMPS (6.3 AMPS without heater), Thermally protected motor and works with any control.

Material No: 8141-0020, Without Heater

V/Hz: 115V/60Hz **Amps:** 6.3 Horse Power: 1 Cord: NEMA plug

Air Button

Material No: 13070

Material No: 8141-6020 **V/Hz:** 115V/60Hz

Amps: 11.3 Heater: 600W Horse Power: 1 Cord: NEMA plug

CHECK VALVE OPTIONS

Material No: 42170 Description: C/V 1/4 lb

> Material No: 42172 Description: C/V 3/32 lb

Material No: 42225

Material No: 42230



1/8 x 1/4 Red Vinyl Tubing 500 ft. Material No: 63016



Description: C/V 3/32 lb Hose SPG

Material No: 42235

Description: C/V 1/4 lb x 1 " slip

Description: C/V 1/4 lb Hose SPG

Material No: 42240

Description: C/V 3/32 lb x 1 " slip



Material No: 42175 Description: 1.5" Slipblower

quick disconnect



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Option with Air Switch

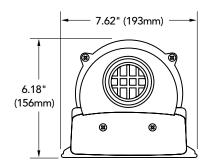
With Heater 8141-6220

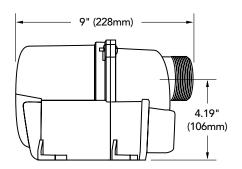
No Heater 8141-0220

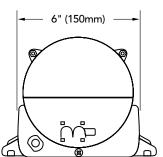
Compact Quiet-Flo $^{\text{TM}}$



Dimensions







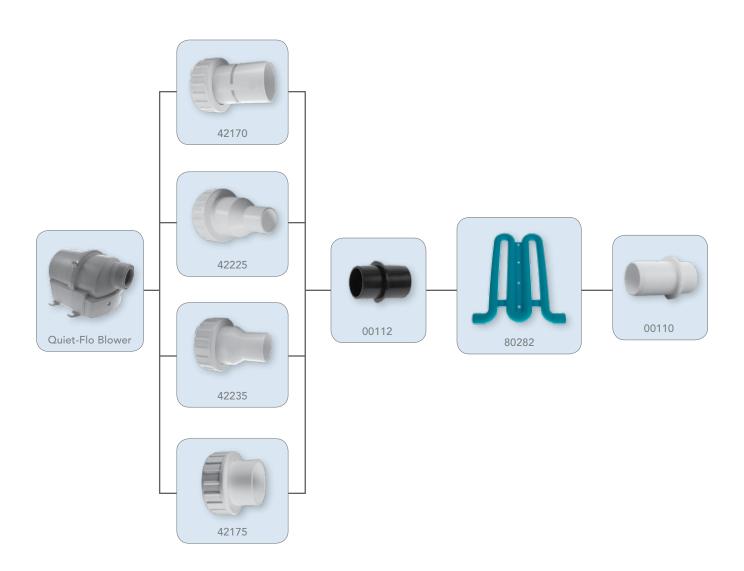
Quiet-Flo™ Blower Selections

DESCRIPTION	MATERIAL NO.	ELECTRONIC BUTTON	AIR BUTTON	LIGHT	HEATER	PULSE MODE	WAVE MODE	VARIABLE SPEEDS	PURGE MODE	TIMER
Electronic (with heater)	8141-6320	90013 and 25569		25750, 59007-V & 59102	600W	•	•	•	•	•
Electronic (no heater)	8141-0320	90013 and 25569		25750, 59007-V & 59102		~	~	~	~	~
Airswitch (with heater)	8141-6220		~		600W		~	H,M,L	~	•
Airswitch (no heater)	8141-0220		~				~	H,M,L	~	~
NEMA Plug (with heater)	8141-6020				600W			on/off		
NEMA Plug (no heater)	8141-0020							on/off		

Note: All Quiet-Flo blower with material numbers starting with 8141-XXXX are US Patent No. 8,137,802.



Accessories for Quiet-Flow Blowers



Accessories for Quiet-Flow Blowers





ADAPTOR

Material No: 00110 Multiple Order Qty: 10

Color: White



ADAPTOR

Material No: 00112 Multiple Order Qty: 50

Color: Black Also Available In:

00112M - Adapter from PN 80282

Loop to 32mm Slip.

Descriptions:

Adapter for Blower Hose to 1" Spigot.



Descriptions:

Adapter from PN 80282 Loop to 1" Slip.



CHECK VALVE

Material No: 42225 Multiple Order Qty: 25

Color: White Also Available In:

42230 - 3/32 lb (Multi Qty: 10)



CHECK VALVE

Material No: 42170 Multiple Order Qty: 50

Color: White Also Available In:

42172 - 3/32 lb (Multi Qty: 25)

Descriptions:

Compact Blower Check Valve x Hose Spigot. 1/4 lb.



Compact Blower Check Valve x 11/2"

CONNECTOR

Color: White

Material No: 42175

Multiple Order Qty: 50

Slip. 1/4 lb.



CHECK VALVE

Material No: 42235 Multiple Order Qty: 25

Color: White Also Available In:

42240 - 3/32 lb (Multi order qty: 25) 42235M - 1/4 lb (Multi order qty: 25) 42240M - 3/32 lb (Multi order qty: 25)

Descriptions:

1.5" Quick Disconnect with O-Ring.

Descriptions:

Compact Blower Check Valve x 1"

Slip. 1/4 lb.



Accessories for Quiet-Flow Blowers



HARTFORD LOOP

Material No: 80282 Multiple Order Qty: 16



HOSE

Material No: 60074-V Multiple Order Qty: 10

Descriptions:

Loop x Blower Hose Spigot.



Hose Blower Hose x 1.25" Slip - 72".



CLAMP

Material No: 63095 Multiple Order Qty: 50



CONTROL PANEL

Material No: 90013 Multiple Order Qty: 10

Descriptions:

Clamp for Blower Hose.



Control Panel has

- Session Timer On
- Water Level Detected



BATH LIGHT FRONT ACCESS

Material No: 59200 Multiple Order Qty: 10



LED BULB CLUSTER

Material No: 59007-V Multiple Order Qty: 10

Descriptions:

2" (50.8mm) Light Kit for LED Bulb Front Access. Also Available In: 59200-GRY - 2" (50.8mm) Gray. Descriptions:

7 LED Bulb Cluster with built in light programmes for use only with 59300/GG-LUX-PC (UK only)

Accessories for Quiet-Flow Blowers





BULB HOLDER

Material No: 59102 Multiple Order Qty: 10



CABLE

Material No: 25750 Multiple Order Oty: 10

Descriptions:

Wire harness with 2 Pin Amp Plug

Descriptions:

Light Adapter Cable 4 PIn Din to 2 Pin Amp plug



CABLE

Material No: 25569 Multiple Order Oty: 10

Descriptions:

Cable bath 8 Pin Mini Din 6 ft (1.83 meters)



AirMassageSystems

Your Single Source Solution

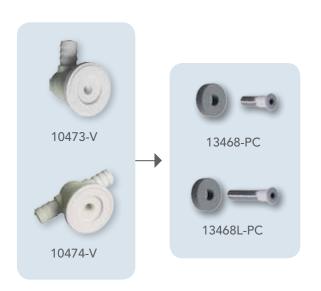




NOTES:









MICRO SLIMLINE®

Material No: 13468-PC Multiple Order Oty: 10

Descriptions:

Diameter: .312" (7.92mm) Length: .895" (22.73mm)



JET BODY

Material No: 10473-V Multiple Order Qty: 10

Descriptions:

Air jet elbow .375" barb



MICRO SLIMLINE®

Material No: 13468L-PC Multiple Order Qty: 10

Descriptions:

Air jet diameter, .312" (7.92mm) Length: 1.67" (42.41mm)



JET BODY

Material No: 10474-V Multiple Order Qty: 10

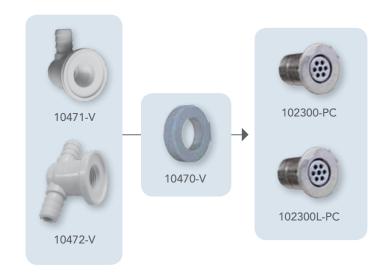
Descriptions:

Air jet tee .375" barb

Slimline® Multi Hole - Clamp System









SLIMLINE AIR MASSAGE

Material No: 102300-PC Multiple Order Qty: 25

Descriptions:

Diameter: .75" (19mm) Length: .875" (22mm)

Adapter for Blower Hose to 1" Spigot.



GASKET

Material No: 10470-V Multiple Order Oty: 25

Descriptions:

Gasket



SLIMLINE AIR MASSAGE

Material No: 102300L-PC Multiple Order Qty: 25

Descriptions:

Diameter: .75" (19mm) Length: 1.67" (42mm)

Adapter from PN 80282 Loop to 1" Slip.



JET BODY

Material No: 10471-V Multiple Order Oty: 25

Descriptions:

Air jet elbow .375" barb



JET BODY

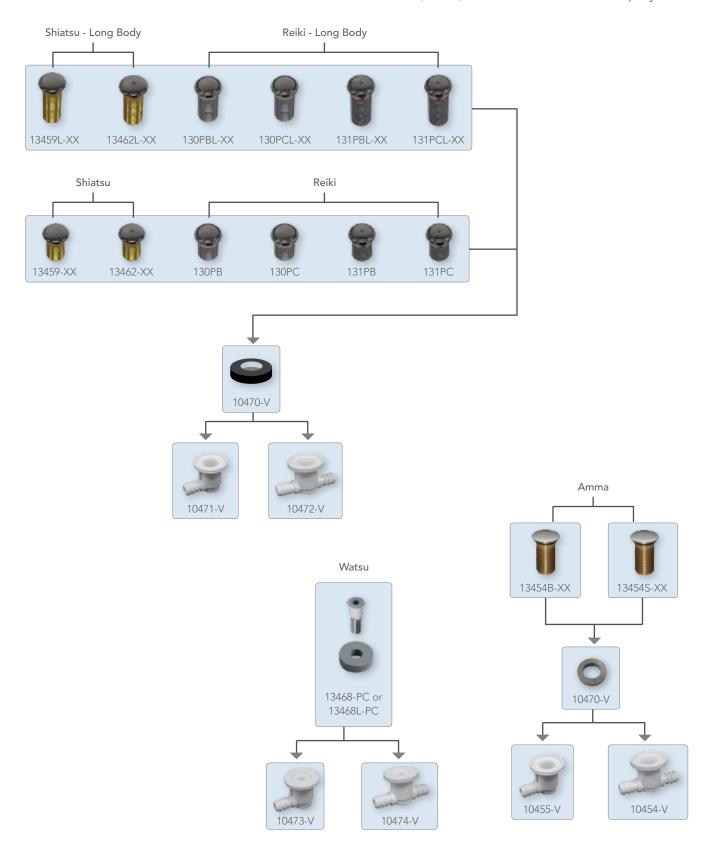
Material No: 10472-V Multiple Order Oty: 25

Descriptions:

Air jet tee .375" barb



Shistsu, Reiki, Watsu and Amma - Clamp System



Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

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Shistsu, Reiki, Watsu and Amma - Clamp System





REIKI LONG BODY

Material No: 130PBL-XX Multiple Order Qty: 25





REIKI LONG BODY

Material No: 131PBL-XX Multiple Order Qty: 25

Descriptions: Bath Air Injector Long Body.



SHIATSU LONG BODY

Material No: 13459L-XX Multiple Order Qty: 25

Descriptions: Bath Air Injector Long Body.



REIKI LONG BODY

Material No: 130PCL-XX Multiple Order Qty: 25

Descriptions:

Bath Air Injector Long Body.



REIKI LONG BODY

Material No: 131PCL-XX Multiple Order Qty: 25

Descriptions:

Bath Air Injector Long Body.



SHIATSU LONG BODY

Material No: 13462L-XX Multiple Order Qty: 25

Descriptions:

Bath Air Injector Long Body.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.



Shistsu, Reiki, Watsu and Amma - Clamp System

Bath Air Injector.

Bath Air Injector.



REIKI
Material No: 130PB
Multiple Order Oty: 25



REIKI
Material No: 130PC
Multiple Order Qty: 25

Descriptions:

Bath Air Injector.



REIKI Material No: 131PB Multiple Order Qty: 25



Descriptions:

Descriptions:

REIKI Material No: 131PC Multiple Order Qty: 25

Descriptions:

Bath Air Injector.



SHIATSU Material No: 13459-XX Multiple Order Qty: 25

Descriptions:

Bath Air Injector.



SHIATSU
Material No: 13462-XX
Multiple Order Qty: 25

Descriptions:

Bath Air Injector.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

Shistsu, Reiki, Watsu and Amma - Clamp System





AMMA AIR INJECTOR Material No: 13454B-XX

Multiple Order Qty: 50



AMMA AIR INJECTOR

Material No: 13454S-XX Multiple Order Qty: 50

Descriptions:

Bath Air Injector.



Descriptions:

Bath Air Injector.



WATSU

Material No: 13468-XX Multiple Order Qty: 50



AIR INJECTOR BODY

Material No: 10471-V Multiple Order Qty: 25



Bath Air Injector.



.375" Barb Micro Bath Air Injector Body.



AIR INJECTOR BODY

Material No: 10472-V Multiple Order Qty: 25



AIR INJECTOR BODY

Material No: 10473-V Multiple Order Qty: 25



.375" x .375" Barb Micro Bath Air Injector Body.

Descriptions:

.375" Barb Micro Bath Air Injector Body.

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Shistsu, Reiki, Watsu and Amma - Clamp System



AIR INJECTOR BODY

Material No: 10454-V Multiple Order Qty: 25



AIR INJECTOR BODY

Material No: 10455-V Multiple Order Oty: 25



.375" x .375" Barb Micro Bath Air Injector Body.



Descriptions:

.375" Barb Micro Bath Air Injector Body.



AIR INJECTOR BODY

Material No: 10474-V Multiple Order Oty: 50



GASKET

Material No: 10470-V Multiple Order Oty: 50

Descriptions:

.375" x .375" Barb Micro Bath Air Injector Body.

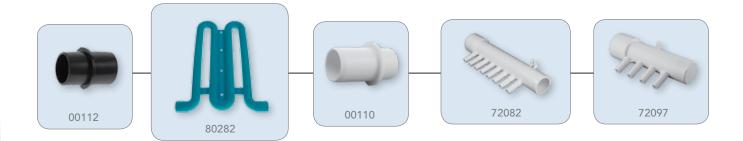
Descriptions:

Gasket.

Air Massage

Air System Accessories







HARTFORD LOOP

Material No: 80282 Multiple Order Oty: 16

 ${\sf Descriptions:}$

Loop x Blower Hose Spigot.



BARB

Material No: 72082 Multiple Order Qty: 50

Color: White Also Available In:

72082M - (8) 10mm Barb (32mm Slip x 1" Spigot) with 1" Cap. (Multi Qty: 25)

Descriptions:

(8) .375" Barb (1" Slip x 1" Spigot) with 1" Cap.



ADAPTOR

Material No: 00112 Multiple Order Qty: 50

Color: Black Also Available In:

00112M - Adapter from PN 80282 Loop to 32mm Slip. Multi order qty: 25)

Descriptions:

Adapter from PN 80282 Loop to 1" Slip.



ADAPTOR

Material No: 00110 Multiple Order Qty: 10

Color: White

Descriptions:

Adapter from Blower Hose to 1" Spigot.



BARB

Material No: 72097 Multiple Order Oty: 50

Color: White

Descriptions:

MN 72091 with Plugged End.

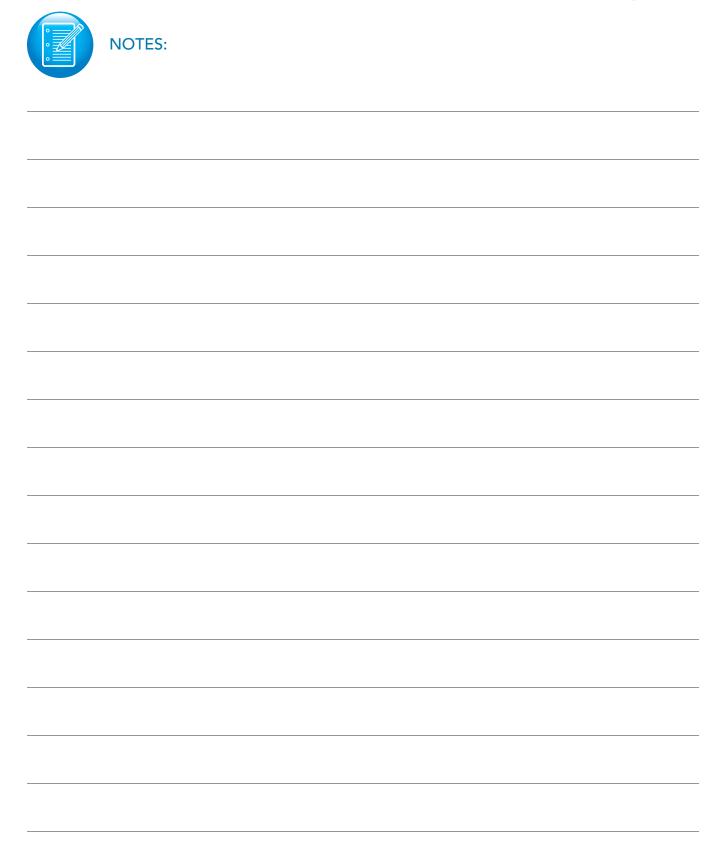


BathHydroMassageJets

Your Single Source Solution





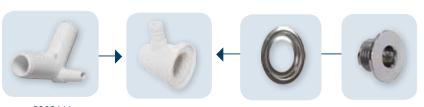




Small Bath Jets

Slimline® Micro Back Jet - Non-Adjustable





23826-V .25" Orif elbow x 1" x 1" smooth

Additional compatible orifices shown below.

202209 Jet Body Micro .375" Barb x .5" OD

202201-PC 282201-PC Micro Back Jet Stamp Micro Jet Front Chrome 1.5" Metal Escutcheon



SLIMLINE JET FRONT

Material No: 202201-PC Multiple Order Qty: 25

Description:

Micro Jet Front Chrome 1.5" Hole size: 1.437" (35mm) Use standard .375" hex wrench Chrome-plated ABS



SLIMLINE JET BODY

Material No: 202209 Multiple Order Qty: 25

Description:

.375" barb x 1/2" OD air Air: Hose 63038 and clamp 63096



METAL RING

Material No: 282201-PC Multiple Order Qty: 25

Description:

Micro Back Jet Stamp Metal Escutcheon Stainless Steel Outside Diameter: 1.76" (44.70mm)

Inside Diameter: .96" (24.38mm)



ORIFICE

Material No: 23810-V Multiple Order Qty: 25

Description:

.25" Orifice tee 1" x 1" slip.

Small Jets

Slimline® Micro Back Jet - Non-Adjustable





ORIFICE

Material No: 23826-V Multiple Order Qty: 10

Color: White

Descriptions:

.25" Orifice V x 1" x 1" smooth



ORIFICE

Material No: 23834-V Multiple Order Qty: 10

Color: White

Descriptions:

.25" Orifice Elbow x .75" barb



ORIFICE

Material No: 23836-V Multiple Order Oty: 10

Color: White

Descriptions:

.25" Orifice Elbow LF x .5" slip.



ORIFICE

Material No: 23850

Multiple Order Qty: 10

Color: White

Descriptions:

.25" Orifice elbow x .5 slip



ORIFICE

Material No: 23835-V Multiple Order Oty: 10

Color: White

Descriptions:

.25" Orifice tee x .5" x .5" slip



ORIFICE

Material No: 23838 Multiple Order Oty: 10

Color: White

Descriptions:

.25" Orifice Elbow RH x .5" slip.



ORIFICE

Material No: 23865 Multiple Order Qty: 10

Color: White

Descriptions:

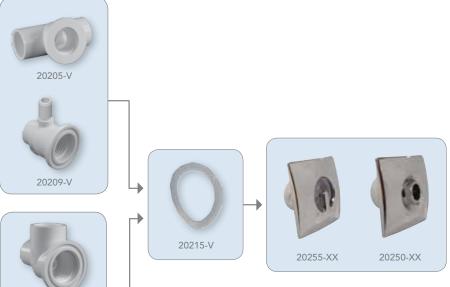
.25" Orifice x 1" x 1" smooth barb tee



Small Bath Jets

Zen Look - Square Jet Faces - Non-Adjustable







SQUARE JET FRONT

Material No: 20255-XX Multiple Order Oty: 25



Swirl Massage

Diameter: 1.625" x 1.625" (41.275mm x

41.275mm)



SQUARE JET FRONT

Material No: 20250-XX Multiple Order Oty: 25

Description:

Directional Massage

Diameter: 1.625" x 1.625" (41.275mm x

41.275mm)

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

20232-V

20234-V

Small Bath Jets

Zen Look - Square Jet Faces - Non-Adjustable





MICRO JET BODY

Material No: 20232-V
Multiple Order Qty: 100

Color: White



MICRO JET BODY

Material No: 20209-V Multiple Order Qty: 50

Color: White

.375" Barb Micro Body.

Descriptions:

Micro Jet (0.250) Orifice x.5" Slip x.5" Spigot.



MICRO JET BODY

Material No: 20234-V Multiple Order Qty: 50

Color: White



Descriptions:

MICRO JET BODY

Material No: 20205-V Multiple Order Qty: 50

Color: White

Descriptions:

Micro Jet (0.250) Orifice x .375" Slip x .5" Spigot.



Micro Bath X .5" Slip Air.



GASKET

Material No: 20215-V Multiple Order Qty: 50

Color: Clear

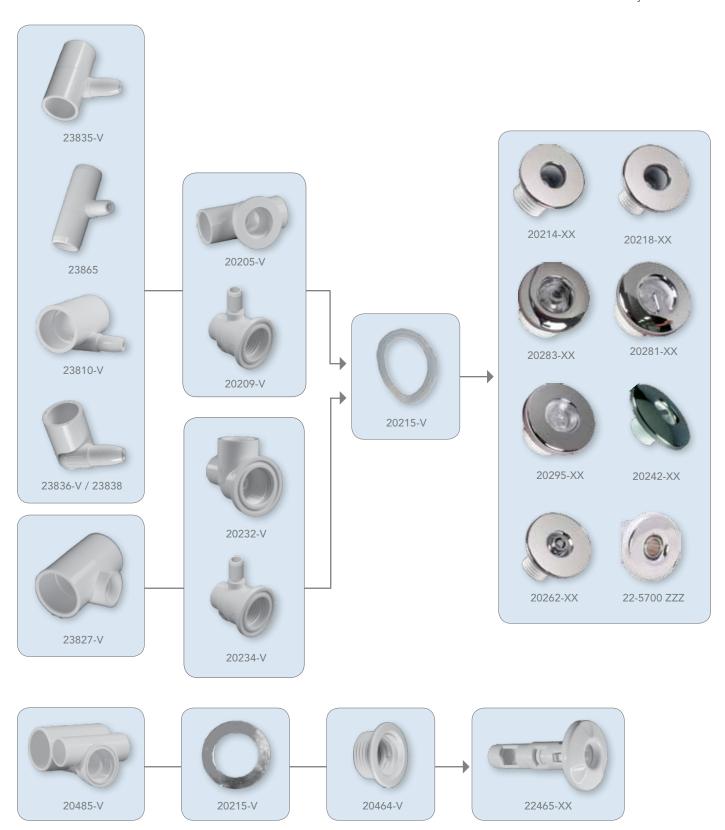
 ${\sf Descriptions:}$

Gasket.



Small Jets

Micro/Macro and DUO - Non Flow-Adjustable



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Small Jets







MICRO JET

Material No: 20214-XX Multiple Order Qty: 25



MACRO JET

Material No: 20218-XX Multiple Order Qty: 25



.5" Internal Diameter x 1½" Outside Diameter Micro Wall Fitting (.625" long).



.75" Internal Diameter x 2" Outside Diameter Macro Wall Fitting (.687" long).



MICRO JET

Material No: 20281-XX Multiple Order Qty: 25



MICRO JET

Material No: 20283-XX Multiple Order Qty: 25



1.5" Micro Pulse Twist Lock Assembly.

Descriptions:

1.5" Micro Eyeball and Escutcheon Twist Lock Assembly.



MICRO JET

Material No: 20295-XX Multiple Order Qty: 25



MACRO JET

Material No: 20242-XX Multiple Order Qty: 25

Descriptions:

1.5" Flat Micro Pulse Twist Lock Assembly.

Descriptions:

2" Macro Pulse Assembly.

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Micro/Macro and DUO - Non Flow-Adjustable



MICRO JET Material No: 20262-XX Multiple Order Qty: 25



MINI JET FRONT Material No: 22-5700 ZZZ Multiple Order Qty: 25

Descriptions:

2" Macro Escutcheon Eyeball Assembly.



DUO BLASTER WITH EYEBALL

Material No: 10-2703 ZZZ Multiple Order Qty: 25 Also Available In:

10-2711 ZZZ - Duo Jet Assembly Round Grill With 90° Barb. (Multi order qty: 25)



Duo Jet Assembly With Round Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.



DUO BLASTER FRONT ROTATING

Material No: 16-2701 ZZZ Multiple Order Qty: 25

Also Available In:

16-2709 ZZZ - Duo Jet Assembly Round Grill With 90° Barb. (Multi order qty: 25)

Descriptions:

Duo Jet Assembly With Round Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.



32mm (1.25"). Shaft length 23mm, 1".

order aty: 25)



DUO BLASTER WITH EYEBALL

Material No: 10-2705FP ZZZ Multiple Order Qty: 25 Also Available In: 10-2713FP ZZZ - Duo Jet Assembly

5 Point Grill With 90° Barb. (Multi

Descriptions:

Duo Jet Assembly With 5 Point Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.



DUO BLASTER FRONT ROTATING

Material No: 16-2703 ZZZ Multiple Order Qty: 25

Also Available In:

16-2711 ZZZ - Duo Jet Assembly With Duo Grill and 90° Barb. (Multi order qty: 25)

Descriptions:

Duo Blaster Jet With Duo Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.

Micro/Macro and DUO - Non Flow-Adjustable





DUO BLASTER FRONT ROTATING

Material No: 16-2705FP ZZZ Multiple Order Qty: 25

Also Available In:

16-2713FP ZZZ - Duo Jet Assembly With 5 Point Grill and 90° Barb. (Multi order qty: 25)

Descriptions:

Duo Blaster Jet With 5 Point Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.



DUO BLASTER EYELESS

Material No: 10-2705FP LE ZZZ Multiple Order Qty: 25

Also Available In:

10-2713FPLE ZZZ - Duo Jet Assembly With 5 Point Grill and 90° Barb.

(Multi order qty: 25)

Descriptions:

Duo Jet Assembly 5 Point Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.



MICRO JET BODY

Material No: 20209-V Multiple Order Oty: 50

Color: White

Descriptions:

.375" Barb Micro Body.



DUO BLASTER EYELESS

Material No: 10-2703LE ZZZ Multiple Order Qty: 25

Also Available In:

10-2711LE ZZZ - Duo Jet Assembly With Duo Grill and 90° Barb. (Multi

order qty: 25)

Descriptions:

Duo Jet Assembly With Duo Grill. Shipped Unassembled .937" Hole Size, .375" Air Barb x .5" Spigot.



MICRO JET BODY

Material No: 20232-V Multiple Order Qty: 100

Color: White

Descriptions:

Micro Jet (0.250) Orifice x " Slip x .5" Spigot.



MICRO JET BODY

Material No: 20234-V Multiple Order Oty: 50

Color: White

Descriptions:

Micro Jet (0.250) Orifice x .375" Slip x .5" Spigot.



Micro/Macro and DUO - Non Flow-Adjustable



MICRO JET BODY

Material No: 20205-V Multiple Order Qty: 50

Color: White

Descriptions:

Micro Bath X .5" Slip Air.



ORIFICE

Material No: 23810-V Multiple Order Oty: 50

Color: White Also Available In:

23810M - 32mm (1.25") (Multiple

order qty: 50)

Descriptions:

.25" (0.250) orifice tee 1" slip x 1" slip.



ORIFICE (LEFT HAND)

Material No: 23836-V Multiple Order Oty: 50

Color: White Also Available In: 23838 - Right hand (Multiple order qty: 50)

Descriptions:

.25" (0.250) orifice x .5" slip 90°. Left hand.



SLIP TEE

Material No: 23827-V Multiple Order Oty: 50

Color: White

Descriptions:

1" Slip x 1" Slip x .5" Offset Slip Tee.



ORIFICE

Material No: 23835-V Multiple Order Oty: 50

Color: White Also Available In:

23835M - 32mm (1.25") (Multiple

order qty: 50)

Descriptions:

.25" (0.250) Orifice tee \times .5" slip \times .5" slip.



ORIFICE

Material No: 23865 Multiple Order Qty: 50

Color: White

Descriptions:

26mm (1.0") smooth barb tee .25" Orifice.



GASKET

Material No: 20215-V Multiple Order Qty: 50

Color: Clear

Descriptions:

Gasket.

Micro/Macro and DUO - Non Flow-Adjustable





MICRO JET

Material No: 22465-XX Multiple Order Qty: 25

Color: White



MICRO WALL FITTING

Material No: 20464-V Multiple Order Qty: 50

Color: White

Descriptions:

Air and Water Shut Off Assembly - 1.68" OD.



Descriptions:

Micro V Jet Wall Fitting (.625" long).



MICRO JET BODY

Material No: 20485-V Multiple Order Qty: 50

Color: White



GASKET

Material No: 20465-V Multiple Order Qty: 50

Color: Clear

Descriptions:

.5" S x 1" S Micro Adjustable Jet Body.

Descriptions:

Gasket.



TOOL

Material No: 20461-V Multiple Order Qty: 1

Color: Clear

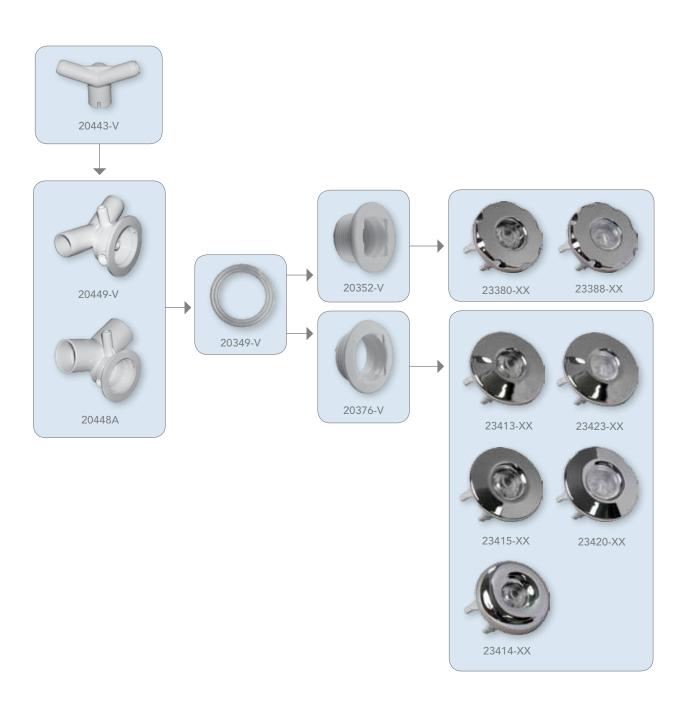
Descriptions:

Tool for Wall Fitting 20464.

Replace XX, YYY or ZZZ with the corresponding color on page $154\,\mathrm{for}$ ordering.







V Jet™ - Flow-Adjustable





V JET FLOW-ADJUSTABLE JET

Material No: 23380-XX Multiple Order Qty: 50



V JET FLOW-ADJUSTABLE JET

Material No: 23388-XX Multiple Order Qty: 30

Descriptions:

Scalloped Adjustable Escutcheon & Eyeball Assembly - 2½".

Descriptions:

Scalloped Pulse Assembly with Clear Internal - 2½".



V JET FLOW-ADJUSTABLE JET

Material No: 23413-XX Multiple Order Qty: 50



V JET FLOW-ADJUSTABLE

Material No: 23423-XX Multiple Order Oty: 30



Three Scalloped Escutcheon with Eyeball Assembly - 2½" OD.

Descriptions:

Three Scalloped Pulse Escutcheon with Clear Pulse Internal Assembly - 2½" OD.



V JET FLOW-ADJUSTABLE JET

Material No: 23415-XX Multiple Order Qty: 25



V JET FLOW-ADJUSTABLE JET

Material No: 23420-XX Multiple Order Qty: 25

Descriptions:

Trimline Escutcheon Cover and Eyeball Assembly - 2½" OD.

Descriptions:

Trimline Pulse Assembly with Clear Internal - 21/2" OD.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

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V Jet™ - Flow-Adjustable



V JET FLOW-ADJUSTABLE

Material No: 23414-XX Multiple Order Oty: 10



Rounded Escutcheon and Eyeball - $2\frac{1}{2}$ " OD.



ADJUSTABLE V JET BODY

Material No: 20449-V Multiple Order Qty: 50

Color: White

Descriptions:

Adjustable V Jet Body, 3/8" x 26mm (1.0") Smooth Barb with Silicone Injection Ports.



TRIMLINE WALL FITTING

Material No: 20376-V Multiple Order Qty: 50

Color: White Also Available In:

20376L - $1^5/\!8"$ Long (Multiple order

qty: 25)

Descriptions:

Trimline Wall Fitting. 11/16" Long.



ADJUSTABLE V JET BODY

Material No: 20448A Multiple Order Oty: 50

Color: White

Descriptions:

Adjustable V Jet Body, $\frac{3}{8}$ " Smooth Barb x 1" Slip with Silicone Injection Ports.



SNAP IN WALL FITTING

Material No: 20352-V Multiple Order Oty: 50

Color: White Also Available In:

20352L - 15/8" Long (Multiple

order qty: 25)

Descriptions:

Snap-in Wall Fitting. 11/16" Long.



AIR V ADAPTOR

Material No: 20443-V Multiple Order Qty: 50

Color: White

Descriptions:

3/8" Air V Adaptor



GASKET

Material No: 20349-V Multiple Order Qty: 50

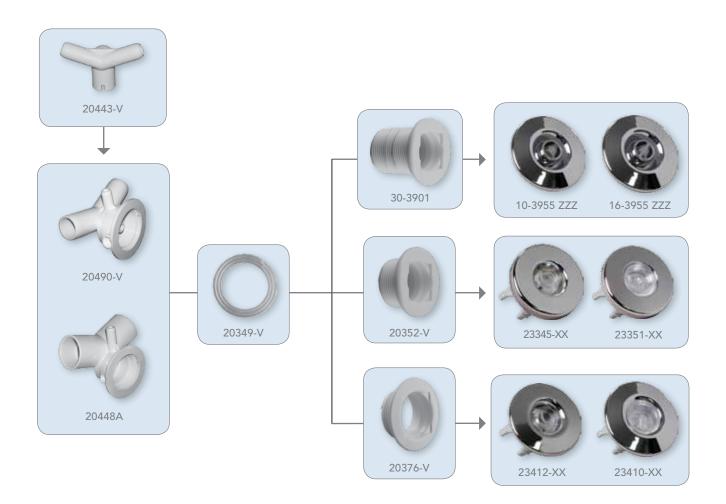
Color: Clear

Descriptions:

Gasket For 20352/20376/20348/203.

V Jet™ - Non-Adjustable







V Jet™ - Flow-Adjustable



SLIMLINE® ESCUTCHEON

Material No: 10-3955 ZZZ

Multiple Order Oty: 25

Also Available In:
10-3955M ZZZ - Metal
Escutcheon Assembly. (Multiple



Metric Ø66 mm (2½"). Slimline® (Plastic) Escutcheon Assembly.



V JET (SNAP IN)

order qty: 25)

Material No: 23345-XX Multiple Order Qty: 25



Budget Snap-In Escutcheon Cover and Eyeball Assembly - 2½" OD.



V JET (SNAP IN)

Material No: 23412-XX Multiple Order Qty: 25



Trimline Snap-in Escutcheon Cover and Eyeball Assembly - 21/2" OD.



SLIMLINE® ESCUTCHEON - ROTATING

Material No: 16-3955 ZZZ Multiple Order Oty: 25 Also Available In:

16-3965 - Left Hand Rotation (Multiple

order qty: 25)

10-3949M - Metal Escutcheon Only (Optional) (Multiple order qty: 25)

Descriptions:

Metric Ø66 mm (2½"). Micro Blaster Escutcheon Assembly.



V JET (SNAP IN)

Material No: 23351-XX Multiple Order Oty: 25

Descriptions:

Budget Snap-In Escutcheon Cover and Eyeball Assembly - 21/2" OD.



V JET (SNAP IN)

Material No: 23410-XX Multiple Order Qty: 25

Descriptions:

Trimline Snap-In Pulse Assembly With Clear Internal - 2½" OD.

V Jet™ - Non-Adjustable





WALL FITTING

Material No: 20352-V Multiple Order Qty: 25

Color: White Also Available In: 20352L - 15/8" Long



Descriptions:

Snap-in Wall Fitting. 11/16" Long.



WALL FITTING

Material No: 30-3901 Multiple Order Qty: 50

Color: White Also Available In:

30-3903 - Fitting 1.75" (Multi order qty: 25) 30-3905 - Fitting 2.25" (Multi order qty: 50) 30-5793PVC - 20mm (Multiple order qty: 50) 30-3901PVC - 32mm (Multiple order qty: 50) 10-3903 - 45mm (Multiple order qty: 50)

Descriptions:

Trimline Wall Fitting. Fitting 1.25".



V JET BODY

Material No: 20490-V Multiple Order Qty: 50

Color: White



 $^{3/8}$ " x 26mm Smooth Barb (0.280) With Silicone Injection Ports.



WALL FITTING

Material No: 20376-V Multiple Order Oty: 25

Color: White Also Available In: 20376L - 15/8" Long

Descriptions:

Trimline Wall Fitting. 11/16" Long.



V JET BODY

Material No: 20448\$
Multiple Order Qty: 50

Color: White

Descriptions:

3/8" Smooth Barb x 1" Slip With Standard 5/16" (0.312) Orifice With Silicone Injection

Ports.



GASKET

Material No: 20349-V Multiple Order Qty: 50

Color: Clear

Descriptions:

Gasket For 20352/20376/20348/203.



V Jet™ - Flow-Adjustable



V ADAPTOR

Material No: 20443-V Multiple Order Oty: 50

Color: White



ORIFICE

Material No: 20312 Multiple Order Oty: 25

Color: White

Descriptions:

3/8" Air V Adaptor.



TOOL

Material No: 22550-V Multiple Order Oty: 1

Color: Clear

Descriptions:

Wall Fitting Tool for Mini threaded Budget & Trans-Adjustable.

Descriptions:

Orifice for 20330/20334/20448S jet bodies.



TOOL

Material No: 20379-V Multiple Order Qty: 1 Color: White

Descriptions:

Removal Tool for Snap-In Escutcheons.

Slimline® Directional Eyeball Jet and Swirl







202310 Jet Body 1/2" x 1" ID, Flow-Adjustable



282301-PC Slimline Metal Stamp Escutcheon



202306-WH Wall Fitting



202300-PC Jet Front Escutcheon & Clear Eyeball

202320-PC

Jet Front chromplated ABS esc. and eyeball



202351-PC ABS Escutcheon with clear swirl internal



JET FRONT

Material No: 202300-PC (clear eyeball)

202320-PC (chrome eyeball)

Multiple Order Qty: 25

Description:

With Directional Eyeball. Diameter: 1.93" (49.02mm)

Flow-Adjustable



METAL RING 2.5"

Material No: 282301 Multiple Order Qty: 25

Description:

Use with jet front 202300-PC or 202320-PC Outside Diameter: 2.45" (62.23mm)

Inside Diameter: 1.73" (43.94mm)



WALL FITTING

Material No: 202306 Multiple Order Qty: 25

Description:

Use with jet front 202300-PC or 202320-PC.

Use with tool 36335.

Diameter: 1.93" (49.02mm)



JET FRONT

Material No: 202315-PC (clear swirl) Available in different colors.

Multiple Order Oty: 25

Description:

Diameter: 1.93" (49.02mm)

Non Flow-Adjustable



JET BODY

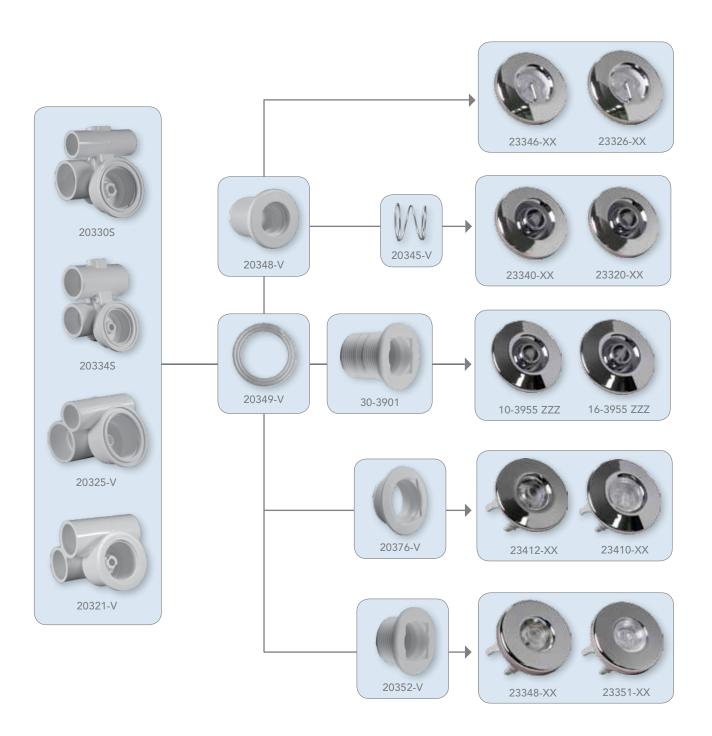
Material No: 202310A Multiple Order Qty: 25

Description:

Flow Adjustable Hole Size: 2" (50.8mm)



Slimline®, Trimline $^{\text{TM}}$ & Budget $^{\text{TM}}$ - Non Flow-Adjustable



Slimline®, Trimline $^{\text{TM}}$ & Budget $^{\text{TM}}$ - Non Flow-Adjustable





BATH JET (THREADED) Material No: 23340-XX Multiple Order Qty: 25



BATH JET (THREADED) Material No: 23346-XX Multiple Order Qty: 25

Descriptions:

Threaded Budget Escutcheon Cover and Eyeball Assembly - 2½" OD.

Descriptions:

Threaded Budget Pulse Assembly - 2½" OD.



BATH JET (THREADED) Material No: 23320-XX Multiple Order Qty: 25



BATH JET (THREADED) Material No: 23326-XX Multiple Order Qty: 25

Descriptions:

Mini Threaded Escutcheon Cover and Eyeball Assembly - 3" OD.

Descriptions:

Mini Threaded Pulse Assembly With Clear Internal - 3" OD.



SLIMLINE® ESCUTCHEON

Material No: 10-3955 ZZZ

Multiple Order Qty: 25

Also Available In:

10-3955M ZZZ - Metal Escutcheon Assembly. (Multiple order qty: 25)

SLIMLINE® ESCUTCHEON - ROTATING

Material No: 16-3955 ZZZ Multiple Order Qty: 25 Also Available In:

16-3965 - Left Hand Rotation (Multiple

order qty: 25)

10-3949M - Metal Escutcheon Only (Optional) (Multiple order qty: 25)

Descriptions:

Ø66mm (2½"). Micro Blaster Escutcheon Assembly.

Descriptions:

 \emptyset 66mm (2½"). Slimline® (Plastic) Escutcheon Assembly.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

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Slimline®, Trimline™ & Budget™ - Non Flow-Adjustable



TRIMLINE JET

Material No: 23412-XX

Multiple Order Oty: 25



TRIMLINE JET
Material No: 23410-XX
Multiple Order Oty: 25

Descriptions:

Trim Line Escutcheon Cover and Eyeball Assembly - 2½" OD.



Descriptions:

Trim line pulse assembly with clear internal - $2\frac{1}{2}$ " OD.



BUDGET SNAP-IN JET Material No: 23348-XX Multiple Order Oty: 25



BUDGET SNAP-IN JET Material No: 23351-XX Multiple Order Qty: 25

Descriptions:

Escutcheon Cover and Eyeball Assembly - 2½" OD.

Descriptions:

Pulse Assembly with Clear Internal.



WALL FITTING

Material No: 20348-V

Color: White

Multiple Order Qty: 50

Also Available In:

20348L - 2" Long (Multiple order qty: 50)



WALL FITTING

Material No: 20352-V Multiple Order Qty: 50

Also Available In:

20352L - Long Wall Fitting for Marble (15%" long) to be used with 20321-V only. (Multiple order

qty: 25)

Descriptions:

Adjustable/Budget 11/16" Long.

Descriptions:

Mini Threaded Wall Fitting. ¾" Long.

Slimline®, Trimline $^{\text{TM}}$ & Budget $^{\text{TM}}$ - Non Flow-Adjustable





WALL FITTING

Material No: 20376-V Multiple Order Qty: 50

Color: White Also Available In:

20376L - Trimline-1⁵/8"Long (Multi order qty: 25)

Descriptions:

Trimline Wall Fitting. 11/16" Long.



TRIMLINE JET BODY

Material No: 20321-V Multiple Order Oty: 50

Color: White Also Available:

20321M - Mini Jet 32mm x 32mm offset body (Multi order qty: 25)

Descriptions:

1" X 1" Off Set.



BUDGET SNAP-IN JET

Material No: 20330S Multiple Order Qty: 50

Color: White

Descriptions:

½" X 1" Close Fit Jet Body With Standard 5/16" (0.312) Orifice.



WALL FITTING

Material No: 30-3901 Multiple Order Oty: 50

Color: White
Also Available In:

30-3903 - Fitting 1.75" (Multi Qty: 25) 30-3905 - Fitting 2.25" (Multi Qty: 50) 30-5793PVC - 20mm (Multi Qty: 50) 30-3901PVC - 32mm (Multi Qty: 50) 10-3903 - 45mm (Multi Qty: 50)

Descriptions:

Trimline Wall Fitting. Fitting 1.25".



TRIMLINE JET BODY

Material No: 20325-V Multiple Order Qty: 50

Color: White

Descriptions:

 $\frac{1}{2}$ " x 1" Offset jet body with standard

5/16" (0.312) Orifice.



BUDGET SNAP-IN JET

Material No: 20334S Multiple Order Oty: 50

Color: White

Descriptions:

 $1" \times 1"$ Close Fit Jet Body With Standard

5/16" (0.312) Orifice.



Slimline®, Trimline™ & Budget™ - Non Flow-Adjustable



REPLACEMENT ORIFICE

Material No: 20312-V Multiple Order Qty: 25

Color: White Also Available In:

20314-V - 1/4" (0.250) (Multi order qty: 50) **20313-V** - 3/16" (0.187) (Multi order qty: 50)



Orifice for 20330/20334-V Jet Bodies. ⁵/16" (0.312).



REPLACEMENT ORIFICE

Material No: 20317-V

Color: White

Multiple Order Qty: 50

Also Available In:

20318-V - 1/4" (0.250) (Multi order qty: 50) 20316 -V - 3/16" (0.187) (Multi order qty:

50)

Descriptions:

Orifice for 20325/20321 Jet Bodies. ⁵/16" (0.312).



GASKET

Material No: 20349-V Multiple Order Qty: 50

Color: Clear

Descriptions:

Gasket For 20352/20376/20348/203.



LONG ORIFICE

Material No: 20320-V Multiple Order Oty: 50

Color: White

Descriptions:

Long Orifice for 20325/20321 Jet Bodies.



PULSE ASSEMBLY

Material No: 23355-CL

Color: Clear

Multiple Order Qty: 25

Also Available In:

23372-CL - Threaded Budget, Mini

(Multiple order qty: 25)

Descriptions:

Clear Pulse Assembly. Adjustable Trimline.



SPRING

Material No: 20345-V Multiple Order Qty: 100

Color: Silver

Descriptions:

Spring Mini Series.

Slimline®, Trimline $^{\text{TM}}$ & Budget $^{\text{TM}}$ - Non Flow-Adjustable





TOOL

Material No: 20379-V Multiple Order Oty: 1

Color: White



WRENCH

Material No: 22100-V Multiple Order Qty: 1

Color: Clear

Descriptions:

Removal tool for snap-in escutcheons.

Descriptions:

Orifice wrench for bath, mini, budget, trimline and adjustassage jets.



TOOL

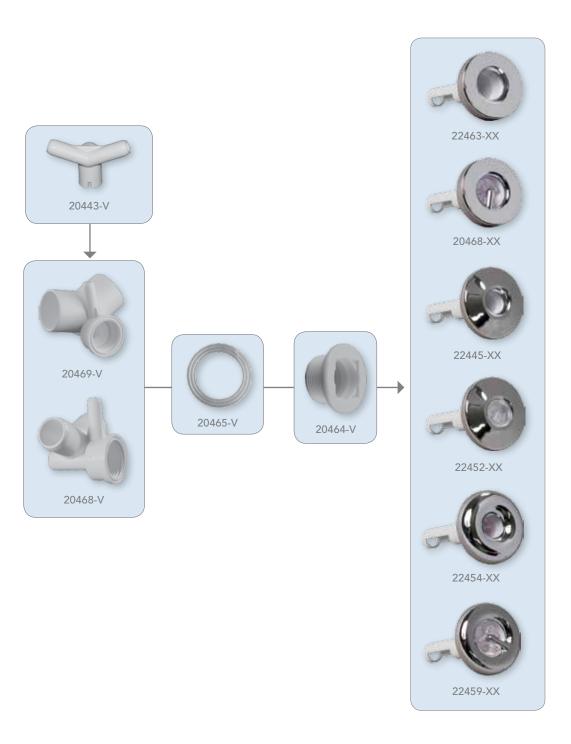
Material No: 36335 Multiple Order Qty: 1 Color: Clear

Descriptions:

Tool for snap-in jet and suction wall fittings.



Micro V Jet™ - Flow Adjustable



Micro V Jet^{TM} - Flow Adjustable





MICRO V JET FLOW-ADJUSTABLE

Material No: 22463-XX Multiple Order Qty: 25



MICRO V JET FLOW-ADJUSTABLE

Material No: 22468-XX Multiple Order Oty: 25



Micro V Jet Flat Esc Assembly 111/16" OD.



Micro V Jet Flat Pulse Assembly 111/16" OD.



MICRO V JET FLOW-ADJUSTABLE

Material No: 22445-XX Multiple Order Qty: 25



MICRO V JET FLOW-ADJUSTABLE

Material No: 22452-XX Multiple Order Oty: 25



Micro V Jet 3 Scallop Esc Assembly 111/16" OD.

Descriptions:

Micro V Jet 3 Scallop Pulse Assembly 111/16" OD.



MICRO V JET FLOW-ADJUSTABLE

Material No: 22454-XX Multiple Order Qty: 25



MICRO V JET FLOW-ADJUSTABLE

Material No: 22459-XX Multiple Order Qty: 25

Descriptions:

Micro V Jet Rounded Esc Assembly 1¹¹/₁₆" OD.

Descriptions:

Micro V Jet 3 Rounded Pulse Assembly 111/16" OD.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

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Medium Jets Micro V JetTM - Flow Adjustable



WALL FITTING

Material No: 20464-V Multiple Order Qty: 50

Color: White



Descriptions:

JET BODY

Material No: 20468-V Multiple Order Qty: 50

Color: White

Descriptions:

Micro V Jet Wall Fitting (5/8" Long).





GASKET

Smooth Barb.

Material No: 20465-V Multiple Order Oty: 50

Micro V Jet Body ³/₈ " X 26mm (1.0")

Color: Clear

Descriptions:

Micro V Jet Body 3/8" Smooth Barb X 1" Slip.



Gasket.



AIR V ADAPTOR

Material No: 20443-V Multiple Order Qty: 50

Color: White



TOOL

Material No: 20461-V Multiple Order Qty: 1

Color: Clear

Descriptions:

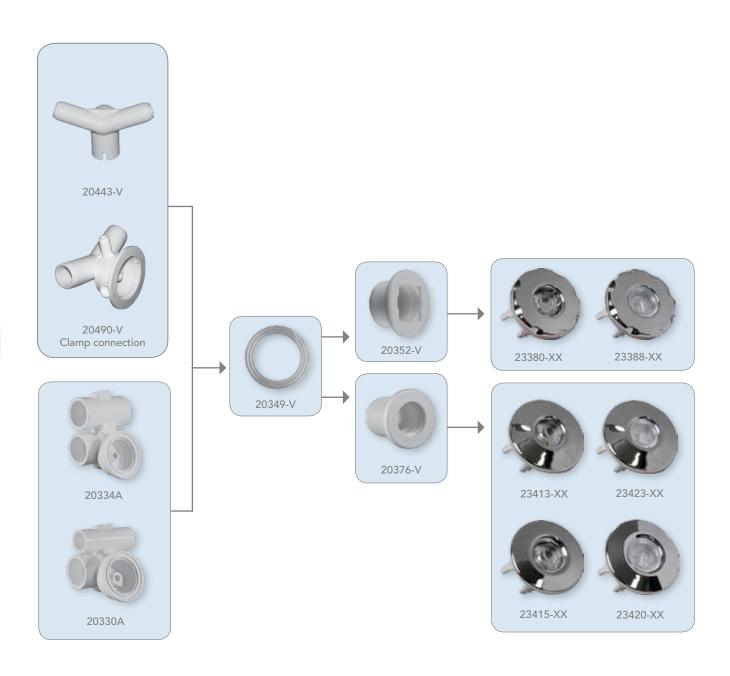
3/8" Air V Adaptor.

Descriptions:

Tool For Wall Fitting 20464.

 $Adjustassage^{TM}$ Jets - Flow-Adjustable





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Adjustassage™ Jets - Flow-Adjustable



ADJUSTASSAGE JET
Material No: 23380-XX
Multiple Order Qty: 25



ADJUSTASSAGE JET
Material No: 23388-XX
Multiple Order Qty: 30

Descriptions:

Scalloped Adjustable Escutcheon & Eyeball Assembly - 2½".



Descriptions:

Scalloped Pulse Assembly with Clear Internal - $2\frac{1}{2}$ ".



ADJUSTASSAGE JET Material No: 23413-XX Multiple Order Qty: 50



ADJUSTASSAGE JET Material No: 23423-XX Multiple Order Qty: 30

Descriptions:

Three Scalloped Escutcheon with Eyeball Assembly - $2\frac{1}{2}$ " OD.

Descriptions:

Three Scalloped Pulse Escutcheon with Clear Pulse Internal Assembly - 2½" OD.



ADJUSTASSAGE JET Material No: 23415-XX Multiple Order Qty: 25



ADJUSTASSAGE JET Material No: 23420-XX Multiple Order Qty: 25

Descriptions:

Trimline Escutcheon Cover and Eyeball Assembly - 2½" OD.

Descriptions:

Trimline Pulse Assembly with Clear Internal - 2½" OD.

Adjustassage™ Jets - Flow-Adjustable





SNAP IN WALL FITTING

Material No: 20352-V Multiple Order Qty: 50

Color: White Also Available In:

20352L - 1⁵/₈" Long (Multi order qty: 25)



TRIMLINE WALL FITTING

Material No: 20376-V Multiple Order Qty: 50

Color: White Also Available In:

20376L - 15/8" Long (Multiple order

qty: 25)

Descriptions:

Snap -in Wall Fitting Adjustable Budget. ¹¹/₁₆" Long



Descriptions:

Trimline Wall Fitting. 11/16" Long.



ADJUSTASSAGE JET BODY

Material No: 20330A Multiple Order Qty: 50

Color: White



ADJUSTASSAGE JET BODY

Material No: 20334A Multiple Order Qty: 50

Color: White

Descriptions:

½" x 1" Close Fit Bath Jet Body with Standard ⁵/₁₆" (0.312) Adjustassage Nozzle.



1" x 1" Close Fit Bath Jet Body with Standard ⁵/16" (0.312) Adjustassage

Nozzle.



V JET BODY

Material No: 20490-V Multiple Order Qty: 50

Color: White



AIR V ADAPTOR

Material No: 20443-V Multiple Order Qty: 25

Color: White

Descriptions:

(2) 1" OD smooth barb for water x 3/8" smooth barb for air. White PVC

With silicone injection ports

Hole size: 1.73"

Air: Hose 504010 and clamp 63097

Water: Hose 20-08259 and clamp WC10327

Descriptions:

3/8" smooth barb for air. White PVC

For V jet body 20490-V

Air: Hose 504010 and clamp 63097



Adjustassage™ Jets - Flow-Adjustable



GASKET

Material No: 20349-V Multiple Order Oty: 50

Color: Clear

Descriptions:

Gasket For 20352/20376/20348/203.



MINI CLEAR PULSE ASSEMBLY

Material No: 23355-CL Multiple Order Oty: 25

Color: White Also Available In: 23372-CL - Mini Snap (Multiple order qty: 25)

Descriptions:

Clear Pulse Assembly. Adjustable Trimline.



TOOL

Material No: 20379-V Multiple Order Qty: 1

Color: White

Descriptions:

Removal Tool For Snap-In Escutcheons.



FLAT ESCUTCHEON

Material No: 25430-XX Multiple Order Qty: 25

Descriptions:

Plastic Flat Escutcheon - 33/16" OD.



ADJUSTASSAGE REPLACEMENT PART

Material No: 20355-V Multiple Order Oty: 50 Color: White ⁵/16" (0.312)

Descriptions:

Adjustassage Bath Nozzle and Clip

Assembly.



ORIFICE WRENCH

Material No: 22100-V Multiple Order Oty: 1

Descriptions:

Orifice Wrench For Bath, Mini, Budget, Trimline and Adjustassage Jets.



TOOL

Material No: 36335 Multiple Order Oty: 1

Descriptions:

Tool For Snap-In Jet And Suction Wall Fittings.

Large Jets

Slimline® Trans-Adjustable Jet - Flow-Adjustable







202410 Jet Body 1/2" x 1" ID



282401-PC Slimline Trans-Adjustable Metal Escutcheon



202401-PCSlimline Trans-Adjustable
Wall Fitting



202450-PC Star Grip Internal 0.330" Orifice Chrome



STAR GRIP INTERNAL

Material No: 202450-PC Multiple Order Qty: 1

Description:

With Directional Internal. Diameter: 1.85" (46.99mm)



METAL RING 3.38" (Ø86MM)

Material No: 282401-PC Multiple Order Oty: 1

Description:

Use with jet body 202410. Outside Diameter: 3.38" (86.10mm) Inside Diameter: 2.47" (62.73mm)



WALL FITTING

Material No: 202401-PC Multiple Order Qty: 1

Description:

Chrome-plated ABS Use with 202450-PC Diameter: 2.66" (67.56mm)



JET BODY

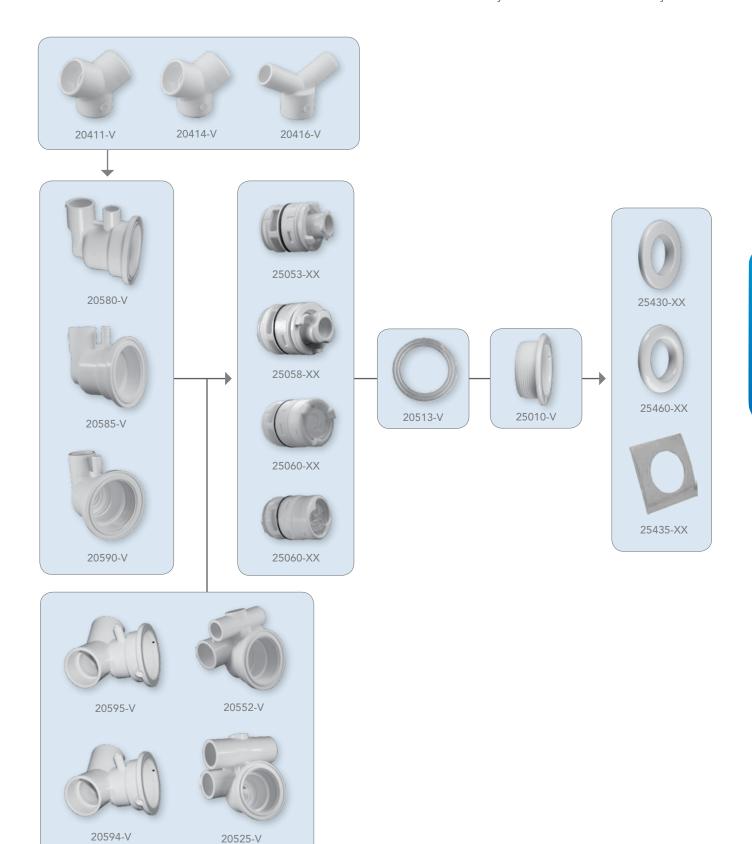
Material No: 202410 Multiple Order Oty: 1

Description:

Jet Body 1/2" x 1" ID.



Trans-Adjustable™ Jets - Flow-Adjustable



Trans-Adjustable™ Jets - Flow-Adjustable





SQUARE ESCUTCHEON

Material No: 25435-XX Multiple Order Qty: 25



PLASTIC FLAT ESCUTCHEON

Material No: 25430-XX Multiple Order Qty: 25

Descriptions:

Square Escutcheon - 3.125" x 3.125" OD.

Descriptions:

Plastic Flat Escutcheon - 3.187" OD.



PLASTIC ROUNDED ESCUTCHEON

Material No: 25460-XX Multiple Order Qty: 25



TRANS-ADJUSTABLE INTERNAL

Material No: 25022-XX Multiple Order Oty: 50

Descriptions:

Plastic Rounded Escutcheon - 3.187" OD.

Descriptions:

Star Grip Gentle Flow Internal with Standard 0.280" Orifice.



TRANS-ADJUSTABLE INTERNAL

Material No: 25024-XX Multiple Order Qty: 50



TRANS-ADJUSTABLE INTERNAL

Material No: 25026-XX Multiple Order Qty: 50

Descriptions:

Star Grip Gentle Flow Internal with Standard 0.330" Orifice.

Descriptions:

Tri-Grip Gentle Flow Internal with Standard 0.280" Orifice.

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Trans-Adjustable™ Jets - Flow-Adjustable



TRANS-ADJUSTABLE INTERNAL

Material No: 25028-XX Multiple Order Qty: 50



TRANS-ADJUSTABLE INTERNAL

Material No: 25053-XX Multiple Order Qty: 50



Tri-Grip Gentle Flow Internal with Standard 0.330" Orifice.



Descriptions:

Star Grip Gentle Flow Internal with Standard ⁵/16" (0.312) Orifice.



TRANS-ADJUSTABLE INTERNAL

Material No: 25054-XX Multiple Order Qty: 50



TRANS-ADJUSTABLE INTERNAL

Material No: 25058-XX Multiple Order Qty: 50



Tri-Grip Gentle Flow Internal with Standard ¼" (0.250) Orifice.



Tri-Grip Gentle Flow Internal with Standard ⁵/16" (0.312) Orifice.



TRANS-ADJUSTABLE INTERNAL

Material No: 25060-XX Multiple Order Qty: 50



TRANS-ADJUSTABLE INTERNAL

Material No: 25064-XX Multiple Order Qty: 50

Descriptions:

Tri-Grip Rotational Internal with Standard ⁵/₁₆" (0.312) Orifice.

Descriptions:

Double Grip Rotational Internal with Standard $^{5}/_{16}$ " (0.312) Orifice.

Trans-Adjustable™ Jets - Flow-Adjustable





WALL FITTING

Material No: 25010-V Multiple Order Qty: 50

Also Available In:

25012-XX - For Different

Color Only. (Multiple Order Qty: 25)



JET BODY

Material No: 20525-V Multiple Order Qty: 50

Color: White Also Available In:

20525M - 32mmx 20mm (Multiple

Order Qty: 25)

Descriptions:

Standard Wall Fitting. 7/8" Long.



Descriptions:

1" x 1" Jet Body.



JET BODY

Material No: 20552-V Multiple Order Oty: 50

Color: White
Also Available In:

20552M - 32mm x 20mm (Multiple

Order Qty: 30)



JET BODY

Material No: 20595-V Multiple Order Oty: 25

Color: White

Descriptions:

½" x 1" Jet Body.



V Jet Body $^{3}/_{8}$ " Smooth Barb x $1\frac{1}{4}$ " Slip with Silicone Injection Ports.



JET BODY

Material No: 20580-V Multiple Order Qty: 50

Color: White



JET BODY

Material No: 20585-V Multiple Order Qty: 50

Color: White

Descriptions:

½" Spigot x 1" Spigot (¾" Slip) Jet Body.

Descriptions:

3/8" Barb x 1" Spigot (3/4" Slip) Jet Body.



Trans-Adjustable™ Jets - Flow-Adjustable



JET BODY

Material No: 20590-V Multiple Order Oty: 50

Color: White



JET BODY

Material No: 20594-V Multiple Order Oty: 50

Color: White

Descriptions:

3/8" Smooth Barb x 1" Spigot (¾" Slip)

Jet Body.



Descriptions:

V Jet Body $^{3}/_{8}$ " Smooth Barb x 1" Slip with Silicone Injection Ports.



ADAPTER

Material No: 20411-V Multiple Order Qty: 50

Color: White



ADAPTER

Material No: 20414-V Multiple Order Qty: 50

Color: White

Descriptions:

1" Slip V Adaptor.



1¼" Slip x 1¼" Slip x 1 Slip v Adapter.



ADAPTER

Material No: 20416-V Multiple Order Qty: 50

Color: White



GASKET

Material No: 20513-V Multiple Order Qty: 50

Color: Clear

Descriptions:

Metric 26mm x 26mm Smooth Barb x 1" Slip Adapter.

Descriptions:

Gasket.

Trans-Adjustable $^{\mathsf{TM}}$ Jets - Flow-Adjustable





ADAPTER

Material No: 20443-V Multiple Order Qty: 50

Color: White



TOOL

Material No: 22550-V Multiple Order Qty: 1

Color: Clear

Descriptions:

.375" Air V Adaptor.

Descriptions:

Wall Fitting Tool for Mini threaded Budget & Trans-Adjustable.



TOOL

Material No: 22555-V Multiple Order Oty: 1

Color: Clear

Descriptions:

Installation Tool for Trans-Adjustable & Jumbo Jet Internals.



TitanControlSystemBox

Your Single Source Solution



Titan Control System

Variable Speed Control Box - Primary Valve Control Box



Componentry	Function
J1 Variable Speed Control Box	Panel Cable (8 pin)
J2 Variable Speed Control Box	Panel Cable (6 pin)
J3 Variable Speed Control Box	Panel Cable (4 pin)
J4 Primary Valve Control Box	Sensor Cable (6 pin)
J5 Primary Valve Control Box	Panel Cable (8 pin)
Green Connection Valve Connectors	5 Discreet Paired Outputs
Mechanical	Dimensions
System G&G Variable Speed Bath Control (part number: 90031)	4.3"H x 7.3"W x 2.5"D
System G&G Primary Valve Bath Control (part number: 90018)	4.3"H x 7.3"W x 2.5"D
Enclosure Material	
Main Enclosure	IR Transmittable Material
Top & Panels	Balboa Patented Spa Technology Process
Electrical	Wattage
Single or Variable Speed Pump	120V/13.5A
Single or Variable Speed Blower	120V/13.5A
Valve Equipment	Optional



Note: Depending on the configuration of the tub, only one control box may be necessary.



Titan Control System

Titan Control Panels

90011 2-BUTTON ROUND BATH CONTROL

Therapy and Light



90016 2-BUTTON OVAL BATH CONTROL Therapy and Light



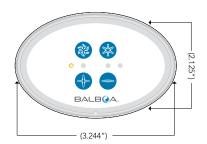
90013-01 4-BUTTON ROUND BATH CONTROL

Blower, Light & Speed Buttons



90015 4-BUTTON OVAL BATH CONTROL

Blower, Light & Speed Buttons



DISPLAY

The water temperature will display during a user session



THERAPY BUTTON

A button press turns the therapy on/off



LIGHT BUTTON

The light can be controlled independently of all other features

SESSION TIMER

Turning on the device starts a session timer that lasts for 30 minutes. The timer can be altered using User Preferences



BLOWER ON-OFF

Press the blower button once to turn the blower ON at the highest speed. To turn the blower OFF, press the blower button once



INCREASE/DECREASE SPEED

Press & hold the + or - button



LIGHT BUTTON

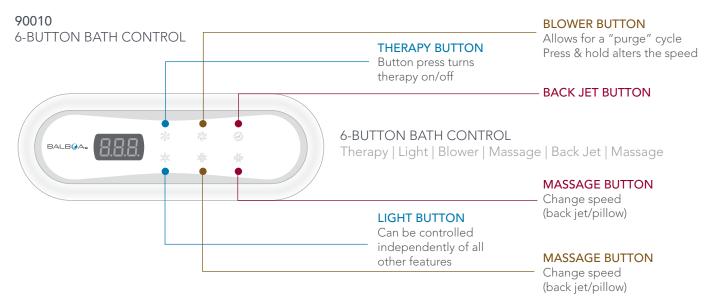
The light can be controlled independently of all other features

SESSION TIMER

Turning on the device starts a session timer that lasts for 30 minutes. The timer can be altered using User Preferences

MODES

Press the blower button twice to put the blower in pulse mode Press the blower button three times to put the blower in wave mode



Your Single Source Solution.

We reserve the right to change technical data without further notice.

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Titan Control System

Titan Controls and Accessories





BATH CONTROL

Material No: 90031



BATH CONTROL

Material No: 90018

Descriptions:

Titan Variable Speed Control Box. Dimensions: 4.3"H x 7.3"W x 2.5"D



Titan Primary Valve Control Box. Dimensions: 4.3"H x 7.3"W x 2.5"D



CONTROL PANEL ROUND

Material No: 90013-01



CONTROL PANEL ROUND

Material No: 90011

Descriptions:

Button Display. Round 4 Button Display #1. Blower, Light and Speed Buttons. Diameter: 1.86" (47.24mm)

Descriptions:

Round Display With 2 Button And LED Display. Therapy and Light Buttons. Diameter: 1.86" (47.24mm)



CONTROL PANEL OVAL

Material No: 90015



CONTROL PANEL OVAL

Material No: 90016

Descriptions:

Button Display. Round 4 Button Display #1. Blower, Light and Speed Buttons. Diameter: 3.24" (82.29mm) Descriptions:

Round Display With 2 Button And LED Display. Therapy and Light Buttons. Diameter: 3.24" (82.29mm)



Titan Control System

Titan Controls and Accessories



CONTROL PANEL

Material No: 90010



SENSOR

Material No: 30344

Descriptions:

6 Button Bath Control.

Therapy, Light, Blower, Massage,

Back Jet, Massage.



Descriptions:

Water Sensor.



CABLE

Material No: 25569



CABLE

Material No: 25750

Descriptions:

Cable 6'

Descriptions:

Light Adapter Cable.



CABLE

Material No: 25404



CABLE

Material No: 25751

Descriptions:

Water Detect Cable.

Descriptions:

Water Level Cable

Titan Control System

Titan Controls and Accessories





CABLE

Material No: 25670



DISPLAY TRIM

Material No: 99755-XX

Descriptions:

Solenoid Cable



Descriptions:

Black and White Trim Ring. Available in multitude of colors.



DISPLAY BASE

Material No: 99757-XX



SADDLE BARB

Material No: 00381

Descriptions:

Display Base.

Available in multitude of colors.

Descriptions:

1.5" Saddle Barb for Sensor 30344.

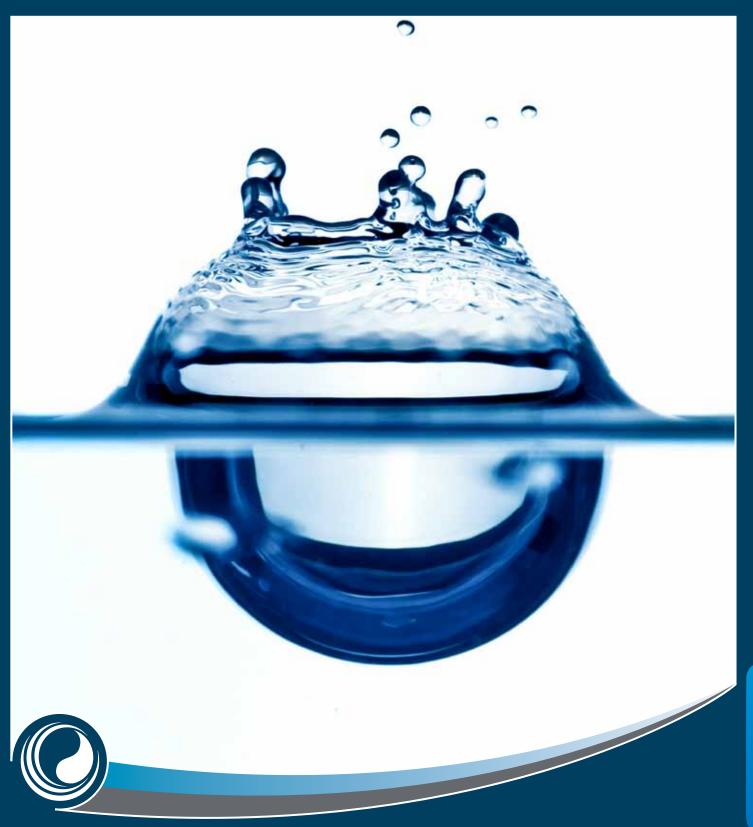


Material No: 99749

Descriptions:

Screw With Washer

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.



BathAirButtons

Your Single Source Solution





NOTES:







SQUARE AIR BUTTON

Material No: 13033-XX Multiple Order Qty: 25



SQUARE AIR BUTTON

Material No: 13034-XX Multiple Order Qty: 25

Descriptions:

1.68" (42.67mm) x 1.68" (42.67mm) Works With Pneumatic Air Buttons Without Trim: 13092 & 13094.



 $1.68" \; (42.67 mm) \times 1.68" \; (42.67 mm) Works \; With Pneumatic Air Buttons \\ Without Trim: 13092 \; \& \; 13094.$



AIR BUTTON

Material No: 13035-XX

Multiple Order Oty: 25

Also Available In:

18035-XX - Raised Metal Trim Kit
(Multiple Order Oty: 25)



AIR BUTTON

Material No: 13083-XX Multiple Order Qty: 25



Color Trim Kit Raised Button- OD 1¾".



Raised On/Off Button with Bellows - Escutcheon OD 1¾".



Descriptions:

AIR BUTTON

Material No: 13030-XX Multiple Order Qty: 25



AIR BUTTON

Material No: 13070-XX Multiple Order Qty: 25

Also Available In:

13071-XX - Plated plastic

flat with ring on bottom (Multi order $\,$

qty: 25)

13071-XX - Plated plastic

flat with ring on bottom (Multi order

qty: 25)

Color Trim Kit - OD 1¾". Descriptions:

ns:

Plastic flat ½" threads with ring on bottom

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.









AIR BUTTON

Material No: 13073-XX Multiple Order Qty: 25



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AIR BUTTON

Material No: 13095-XX Multiple Order Qty: 50

Descriptions:

Sub Assembly with Side Nipple



AIR BUTTON

Material No: 13081-XX Multiple Order Qty: 25

Descriptions:

On/Off Flush Button with Gasket.



AIR BUTTON

Material No: 13076-XX Multiple Order Qty: 50

Descriptions:

Body/Nut/Bellows Sub Assembly.



AIR BUTTON

Material No: 13082-XX
Multiple Order Oty: 25
Also Available In:
5211025-XX - AMA 1.75

Descriptions:

On/Off Flush Button with Bellows - Escutcheon OD 1¾".



AIR BUTTON

Material No: 13085-XX Multiple Order Qty: 25

Descriptions:

Flash Metal Assembly with Gasket.

Replace XX, YYY or ZZZ with the corresponding color on page $154\,\mathrm{for}$ ordering.

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AIR BUTTON

Material No: 18082-XX Multiple Order Qty: 20



AIR BUTTON

Material No: 18050-XX Multiple Order Qty: 25

Descriptions:

Raised On/Off Button with Bellows.



Descriptions:

Marble Metal Assembly.



AIR BUTTON

Material No: 13050-XX Multiple Order Qty: 50



AIR BUTTON ASSEMBLY

Material No: 13092 Multiple Order Qty: 50

Color: White

Descriptions:

On/Off Button with Bellows for marble application - Escutcheon OD 21/2".



Body, Nut, Bellows, Sub-assembly.



AIR BUTTON ASSEMBLY

Material No: 13048 Multiple Order Qty: 25

Color: White



AIR BUTTON

Material No: 13040-XX Multiple Order Qty: 25

Descriptions:

Body 2½" long Nut, Bellows, Sub Assembly for Marble assembly.

Descriptions:

Color Trim Kit for Marble Applications - OD 2½".

> Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

Air Buttons







NUT

Material No: 10236-V Multiple Order Qty: 50

Color: Black



RED VINYL TUBING

Material No: 63016

Multiple Order Qty: 1

Color: Red Plastic

Descriptions:

Optional Tubing Compression Nut.

Descriptions:

1/8" x 1/4" Red Vinyl 500ft.



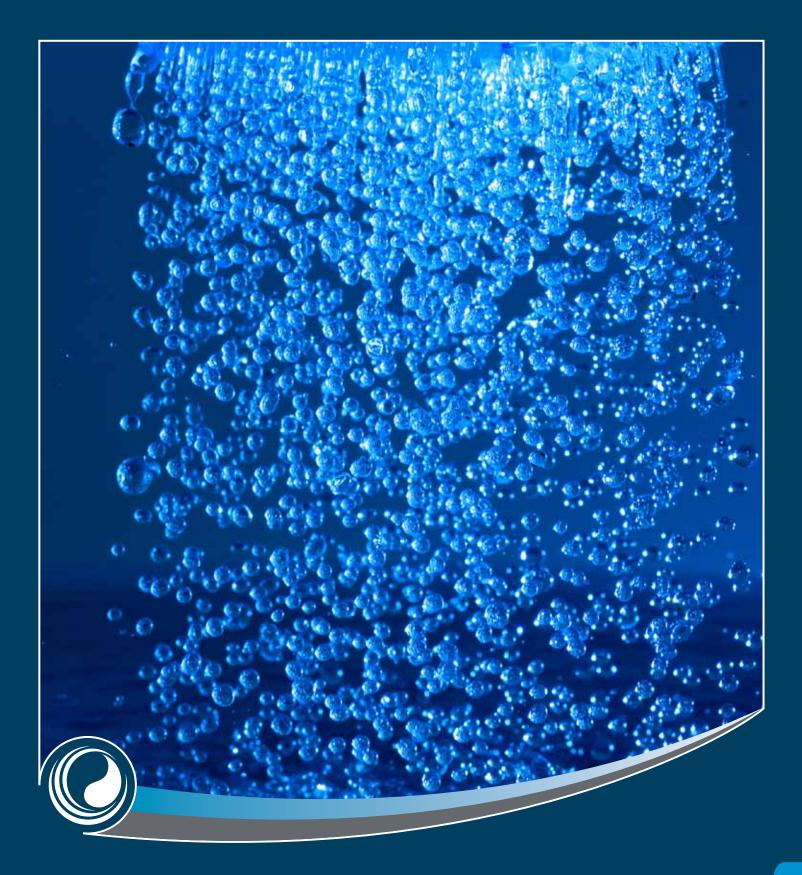
PROTECTIVE STICKER

Material No: 13000 Multiple Order Qty: 1

Color: White

Descriptions:

500 Per Roll.



BathAirControls

Your Single Source Solution





NOTES:







AIR CONTROL

Material No: 13712-XX

Multiple Order Oty: 25



Descriptions:

Descriptions:

AIR CONTROL

Material No: 13714-XX

Multiple Order Qty: 25

Descriptions:

Top Draw with Scalloped Snap Cap.



AIR CONTROL

Material No: 13715-XX

Multiple Order Qty: 25



AIR CONTROL

Material No: 13717-XX

Multiple Order Qty: 25

Top Draw Scalloped Snap Cap.

Descriptions:

Top Draw Close Fit Smooth Snap Cap with 90° ½" Elbow.



AIR CONTROL

Material No: 13643-XX

Multiple Order Qty: 25



AIR CONTROL
Material No: 13647-XX
Multiple Order Qty: 25

Top Draw Close Fit Scalloped Snap

Cap with 90° 1/2" Elbow.

Descriptions:

Smooth Snap Cap Under Skirt with 90° ½" Elbow.

Descriptions:

Scalloped Snap Cap Under Skirt with 90° ½" Elbow.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

1/2" Slip Air Controls





AIR CONTROL

Material No: 13649-XX Multiple Order Qty: 25



AIR CONTROL

Material No: 13552-XX Multiple Order Oty: 25



Window Snap Cap Under Skirt with 90° ½" Elbow.



Top Draw With Smooth Cap - 21/2" OD.



AIR CONTROL

Material No: 13676-XX Multiple Order Qty: 25



AIR CONTROL

Material No: 13678-XX Multiple Order Oty: 25



Smooth Snap Cap Under Skirt.

Descriptions:

Scalloped Snap Cap Under Skirt.



AIR CONTROL

Material No: 13682-XX Multiple Order Qty: 25



AIR CONTROL

Material No: 13694-XX Multiple Order Qty: 25



Window Snap Cap Under Skirt.

Descriptions:

Silent Top Draw Close Fit Smooth Snap Cap.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

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AIR CONTROL

Material No: 13695-XX

Multiple Order Qty: 25



AIR CONTROL

Material No: 13646-XX

Multiple Order Qty: 25

 ${\sf Descriptions:}$

Silent Top Draw Close Fit Scallop Snap Cap.



Under Skirt With Smooth Snap Cap.



AIR CONTROL

Material No: 13648-XX

Multiple Order Qty: 25



AIR CONTROL

Material No: 13650-XX

Multiple Order Qty: 25

Descriptions:

Under Skirt With Scalloped Snap Cap.

Descriptions:

Window Snap Cap Under Skirt.

Air Controls





AIR CONTROL SQUARE CAP

Material No: 10336-XX Multiple Order Oty: 25



AIR CONTROL CAP

Material No: 10326-XX Multiple Order Oty: 25

Descriptions:

1.75" (44.45mm) x 1.75" (44.45mm) Square Smooth Air Control Snap Cap.



½" Smooth Air Control Snap Cap.



AIR CONTROL CAP

Material No: 10327-WH Multiple Order Oty: 25 Color: White



AIR CONTROL CAP

Material No: 10328-XX Multiple Order Qty: 25



½" Three Scalloped Air Control Snap Cap - 2" OD.

Descriptions:

½" Scalloped Air Control Snap Cap.



AIR CONTROL CAP

Material No: 18551-XX Multiple Order Oty: 30



AIR CONTROL CAP

Material No: 18651-XX Multiple Order Oty: 25

Descriptions:

1" Air control or Valve Press-on Cap for 13552/13562/43200.

Descriptions:

½" Air Control Press-On Cap.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

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AIR CONTROL CAP

Material No: 99144-XX Multiple Order Qty: 25



AIR CONTROL COMPONENT

Material No: 10358-V Multiple Order Qty: 50

Color: White

Descriptions:

1/2" Window Cap for 13682/99126/99128.



 $\frac{1}{2}$ " Slip Low Profile 90° Elbow for $\frac{1}{2}$ " and 1" Air Controls.



MANIFOLDS

Material No: 10316-V Multiple Order Qty: 50

Color: White



MANIFOLDS

Material No: 73818 Multiple Order Qty: 50

Color: White

Descriptions:

(2) 3/8" Smooth Barb x 1/2" Spigot.



3/8" Barb x ½" Spigot.



MANIFOLDS

Material No: 73890 Multiple Order Qty: 50

Color: White



AIR CONTROL COMPONENT

Material No: 10134M Multiple Order Qty: 50

Color: White

Descriptions:

³/8" 90° Barb x ½" Spigot.

Descriptions:

Adaptor ½" to 1" Air Control to

32mm (1¹/₄").

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.







AIR CONTROL COMPONENT

Material No: 10359-V Multiple Order Qty: 50

Color: White Also Available In:

10359M - 1" Close fit 90° Elbow, Converts ½" (Multiple Order Qty: 50)

Descriptions:

1" Close Fit 90° Elbow, Converts $\frac{1}{2}$ " Air Control to 1" Slip.



AIR CONTROL COMPONENT

Material No: 10134-V Multiple Order Oty: 50

Color: White

Descriptions:

1" Spigot X 1" Spigot Converter.



BARBS

Material No: 73893 Multiple Order Qty: 50

Color: White

Descriptions:

 $^{3}/_{8}$ " x $^{3}/_{8}$ " x $^{3}/_{8}$ " Barbed Tee.



AIR CONTROL MANIFOLDS

Material No: 72024 Multiple Order Qty: 50

Color: White

Descriptions:

(4) $^{3}/_{8}$ " Smooth Barb x $^{1}/_{2}$ " Spigot.



BARBS

Material No: 73894 Multiple Order Qty: 50

Color: White

Descriptions:

³/₈" 4 Way Barbed Tee.



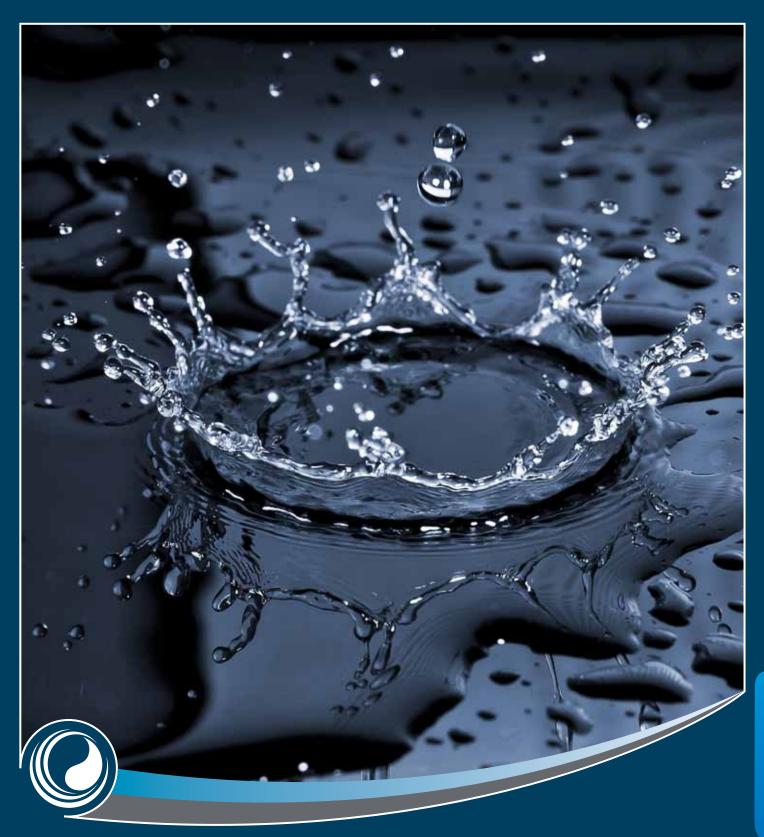
BARBS

Material No: 72025 Multiple Order Qty: 25

Color: White

Descriptions:

(5) $^{3}/_{8}$ " Smooth Barb x $^{1}/_{2}$ " Spigot.



Bath Valves Your Single Source Solution





NOTES:	



Bath Check Valves

Check Valves



CHECK VALVE

Material No: 41100 Multiple Order Oty: 50

Color: White Also Available In:

41100M - 32mm (Multi order qty: 50)

Descriptions:

Check Valve. 1".



CHECK VALVE

Material No: 41130 Multiple Order Qty: 50

Color: White

Descriptions:

½" Slip Filtered Check Valve.



QUICK DISCONNECT WITH O-RING

Material No: 92015 Multiple Order Qty: 50

Color: White
Also Available In:

92015M - 50mm (Multi order qty: 50)

Descriptions:

1½" Quick Disconnect With O-Ring.



CHECK VALVE

Material No: 2413013 Multiple Order Oty: 50

Descriptions:

Anti Surge Double Check Valve ½".



CHECK VALVE

Material No: 41120 Multiple Order Qty: 25

Color: White Also Available In:

41122 - 3/8" Filtered Barb Check Valve With Light Spring. (Multiple

order qty: 50)

Descriptions:

³/₈" Filtered Barbed Check Valve.



CHECK VALVE

Material No: 42150 Multiple Order Qty: 35

Color: White Also Available In:

42154 - 2 lb Spring (Multi Qty: 5)

42156 - ³/₃₂ lb. Spring, UL

(Multi Qty: 35)

Descriptions:

Unionized Check Valve. ¼ lb Spring, UL.



11/2" SLIP CHECK VALVE WITH;

Material No: 41115 Multiple Order Qty: 50

Color: White
Also Available In:

41118 - ³/₂₂"LB (Multiple

order qty: 5)

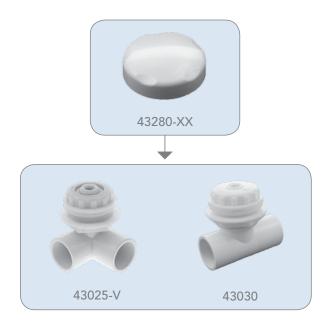
Descriptions:

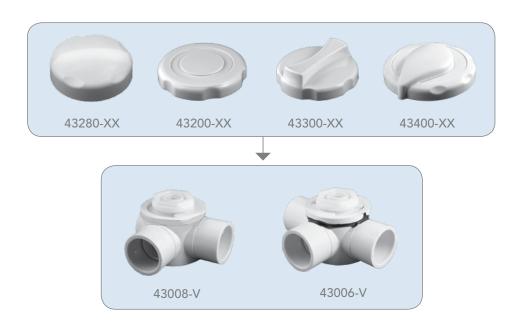
11/2" With Spring. 1/4 LB

Bath Valves

Fitting Structure















BATH VALVE CAP

Material No: 43200-XX

Multiple Order Oty: 25



BATH VALVE CAP Material No: 43280-XX Multiple Order Qty: 25

 ${\sf Descriptions:}$

Flat Handle Sub Assembly.



Descriptions: 5-Scallop On/Off Valve Handle – 2 ½" OD.



BATH VALVE CAP
Material No: 43300-XX
Multiple Order Qty: 25



BATH VALVE CAP Material No: 43400-XX Multiple Order Qty: 25

Descriptions:

Raised Handle Sub Assembly.

Descriptions:

Tear Drop Handle Sub Assembly.



BATH VALVE

Material No: 43025-V

Multiple Order Oty: 50

Color: White

Descriptions:

90° On/Off Valve x 1" Slip.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.

Bath Valves







BATH VALVE

Material No: 43030 Multiple Order Qty: 10

Color: White



BATH VALVE

Material No: 43006-V Multiple Order Qty: 25

Color: White

Descriptions:

On/Off Valve x 1" Slip.



Descriptions:

1" Slip x 1" Slip x 1" Slip Diverter Valve Body Assembly with Gasket and Wall Fitting.



BATH VALVE

Material No: 43008-V Multiple Order Qty: 50

Color: White Also Available In:

43008L - Long (Multi order qty: 25)



3-WAY VALVE 1" X 1" X 1"

Material No: 2414001 Multiple Order Qty: 10

Also Available In:

2414302 - Long Head (Multi order qty:

Descriptions:

1" Slip x 1" Slip 2 Port Control Valve Body Assembly with Gasket and Wall Fitting.



Short Head.



BATH VALVE

Material No: 00125 Multiple Order Qty: 25

Color: White



BLEED VALVE

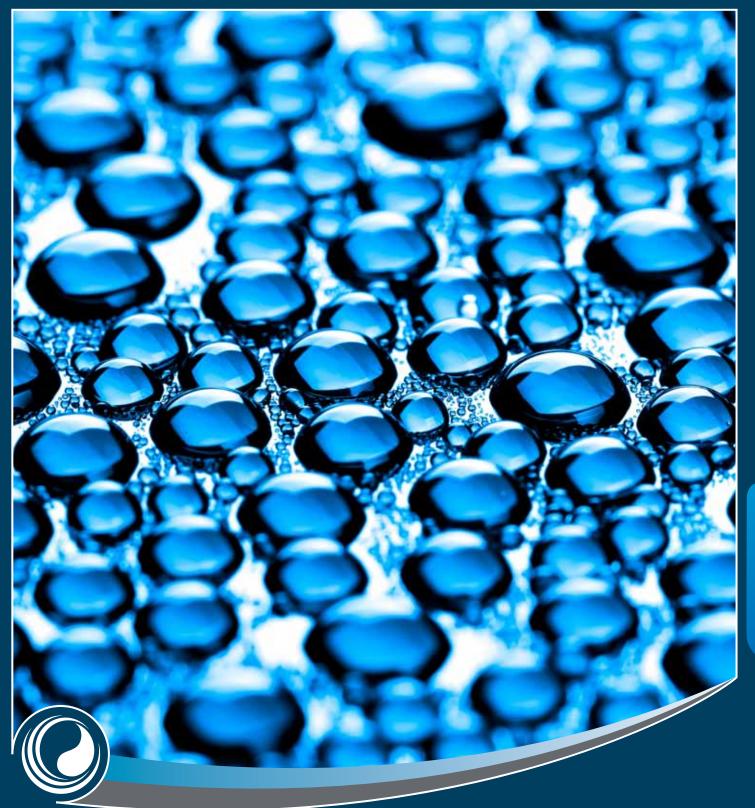
Material No: 2412300 Multiple Order Qty: 25

Descriptions:

Fits Outside Diameter of Valve Ports to Convert 1" Slip to 11/2" Slip

Descriptions:

Bleed Valve 1".



BathManifoldsAndBarbs

Your Single Source Solution





NOTES:	



Manifolds and Barbs

Air Manifolds



AIR MANIFOLD

Material No: 72016 Multiple Order Oty: 50

Color: White



AIR MANIFOLD

Material No: 72098

Multiple Order Qty: 25

Color: White

Descriptions:

 $\frac{1}{2}$ " Air Manifold. Snap-off design to use as 2, 4 or 6 Barb with cap or plug.



Descriptions:

(8) 3/8" Barb (1" Slip x 1" Spigot).



AIR MANIFOLD

Material No: 72082 Multiple Order Oty: 50

Color: White Also Available In:

72082M - (8) 10mm Barb (32mm Slip x 1" Spigot) with 1" Cap. (Multi

order qty: 25)



AIR MANIFOLD

Material No: 72091 Multiple Order Oty: 50

Color: White

Descriptions:

(8) $^{3}/_{8}$ " Barb (1" Slip x 1" Spigot) with 1" Cap.



(4) $^{3}/_{8}$ " Barb (1" Slip x 1" Spigot).



AIR MANIFOLD

Material No: 72080 Multiple Order Oty: 50

Color: White
Also Available In:

72080M - (8) 10mm Barb (2 x 1"

Spigot x 32mm Slip) with 1" Cap.

(Multi Qty: 25)



AIR MANIFOLD

Material No: 72097 Multiple Order Qty: 50

Color: White

Descriptions:

(8) $^3/_8$ " Barb (2 x 1" Spigot x 1" Slip) with 1" Cap.

Descriptions:

72091 with Plugged End.

Manifolds and Barb

Air Manifolds





AIR MANIFOLD

Material No: 10316 Multiple Order Oty: 50

Color: White



AIR MANIFOLD

Material No: 72095M Multiple Order Qty: 50

Color: White

Descriptions:

³/8" Smooth Barb x ½" Spigot



32mm (1¹/₄") Slip x 32mm (1¹/₄") Spigot



AIR MANIFOLD

Material No: 72004 Multiple Order Oty: 50

Color: White



AIR MANIFOLD

Material No: 72005 Multiple Order Qty: 50

Color: White

Descriptions:

(4) $^{3}/_{8}$ " Smooth Barb x 1" Spigot

Descriptions:

(5) 3/8" Barb x 1" Spigot



AIR MANIFOLD

Material No: 72092 Multiple Order Qty: 25

Color: White



AIR MANIFOLD

Material No: 72094 Multiple Order Qty: 25

Color: White

Descriptions:

(2) 3/8" Barb x 1" Spigot

Descriptions:

(2) 3/8" Barb x 1" Slip



Manifolds and Barb

Air Manifolds



AIR MANIFOLD

Material No: 73810 Multiple Order Qty: 50

Color: White



AIR MANIFOLD

Material No: 20203 Multiple Order Oty: 50

Color: White

Descriptions:

³/₈" 90° Barb x 1" Spigot (use with Manifold 72091/72080/72082)



Descriptions:

Plug for 20209 Micro Body and all $^3/_8$ "

Barbs



AIR MANIFOLD

Material No: 73812 Multiple Order Oty: 25

Color: White



AIR MANIFOLD

Material No: 72024 Multiple Order Oty: 50

Color: White

Descriptions:

³/₈" Smooth Barb x 1" Spigot.

Descriptions:

(4) $^{3}/_{8}$ " Smooth Barb x $\frac{1}{2}$ " Spigot.



AIR MANIFOLD

Material No: 72025 Multiple Order Qty: 50

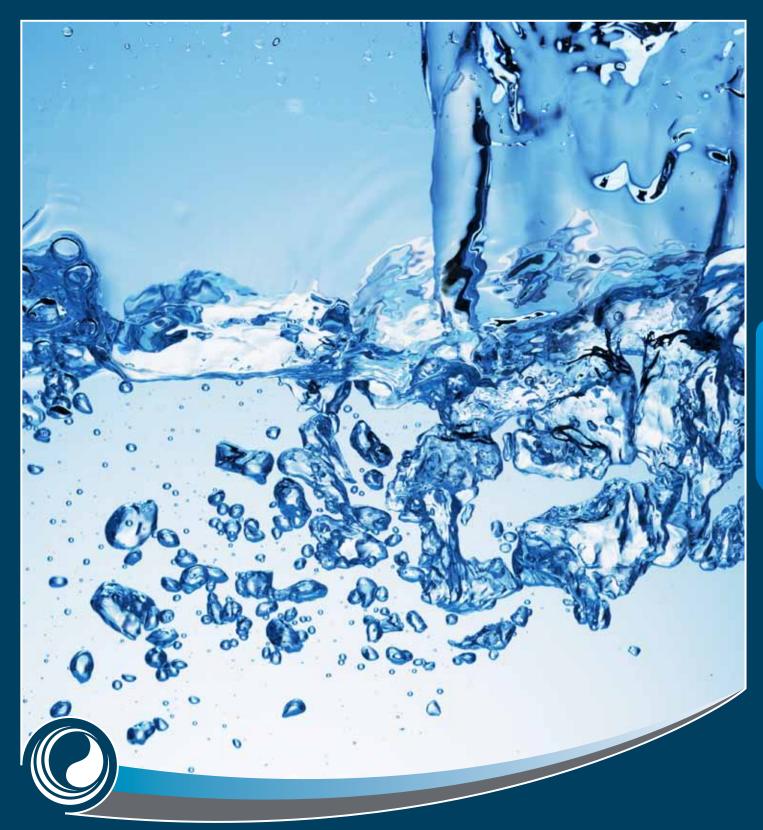
Color: White

Descriptions:

(5) $^{3}/_{8}$ " Smooth Barb x $\frac{1}{2}$ " Spigot



NOTES:



BathFittingsAndTubing

Your Single Source Solution





NOTES:		



Schedule 40 Pipe Fitting & Tubing



TEE DIMENSIONS ARE SLIP X SLIP X SLIP

Color: White
Available In:
401-005 ½" (bulk qty. 50)
401-007 ¾" (bulk qty. 50)
401-010 1" (bulk qty. 50)
401-015 1½" (bulk qty. 25)
401-020 2" (bulk qty. 25)
401-130 1"x 1"x ½" (bulk qty. 50)

401-133 1"x 1"x 1/2" (bulk qty. 25)



90° ELBOWS ARE SLIP X SLIP

Color: White
Available In:
406-005 ½" (bulk qty. 50)
406-010 1" (bulk qty. 50)
406-015 1½" (bulk qty. 25)
406-020 2" (bulk qty. 25)
406-130 1"x ½" (bulk qty. 50)



90° STREET ELBOWS SPIGOT X SLIP

Color: White
Available In:
409-005 ½" (bulk qty. 50)
409-010 1" (bulk qty. 50)
409-015 1½" (bulk qty. 25)
409-020 2" (bulk qty. 10)



45° ELBOWS SLIP X SLIP

Color: White
Available In:
417-005 ½" (bulk qty. 50)
417-010 1" (bulk qty. 50)
417-015 1½" (bulk qty. 25)
417-020 2" (bulk qty. 25)



45° STREET ELBOWS SPIGOT X SLIP

Available In: 427-010 1" (bulk qty. 50) 427-015 1½" (bulk qty. 25) 427-020 2" (bulk qty. 10)

Color: White



COUPLINGS SLIP X SLIP

Color: White Available In: 429-005 ½" (bulk qty. 50) 429-010 1" (bulk qty. 50) 429-015 1½" (bulk qty. 25) 429-020 2" (bulk qty. 25)

Schedule 40 Pipe Fitting & Tubing





REDUCER

Color: White Available In:

437-130 - 1" x ½" (bulk qty. 50) 437-131 - 1" x ¾" (bulk qty. 50) 437-211 - 1½" x 1" (bulk qty. 25) 437-251 - 2 x 1½" (bulk qty. 25)



Descriptions:

CAP

Cap.

Color: White Material No:

447-010 - 1" (bulk qty. 50) 447-015 - 1½" (bulk qty. 25)

Descriptions:

Reducer Bushing are Spigot x Slip.



INVERTED PLUG

Color: White Available In:

00055 - ½" Spigot (bulk qty. 50) 00015 - 1" Spigot (bulk qty. 50) 449-015 - 2" Spigot (bulk qty. 25)

00055M - 20mm (³/₄") Spigot

(bulk qty. 50)

00015M - 32mm (1¹/₄") Spigot

(bulk qty. 50)

Descriptions:

Inverter Plug.



TUBING

Material No: 63411 Multiple Order Oty: 1

Color: Plastic

Q

CLAMP FOR:

Available In:

63097 - 3/8" ID x 9/16" OD Vinyl Tubing (bulk qty. 20) 63098 - 3/4" ID x 1" OD Vinyl

Tubing (bulk qty. 50)

63099 - 1" ID x 11/4" OD Vinyl Tubing (bulk qty. 50)

Descriptions:

Clamp.



TUBING

Material No: 63412 Multiple Order Oty: 1

Color: Plastic

Descriptions:

34" x 1" OD White Vinyl Tubing (100 Feet).

Descriptions:

1" ID x 11/4" OD Vinyl Tubing (100 Feet).



Schedule 40 Pipe Fitting & Tubing



TUBING

Material No: 63016 Multiple Order Oty: 1 Color: Red Plastic



 $^{1}/_{8}$ " ID x $^{1}/_{4}$ " OD Tubing (500 Feet)



TUBING

Material No: 63038 Multiple Order Oty: 1 Color: Plastic

Descriptions:

3/8" ID x 1/16" OD



HOSE

Color: White Available In:

63505 - ½" x 100ft. (bulk qty. 2) 63510 - 1" x 50ft. (bulk qty. 4) 63515 - 1½"x 50ft. (bulk qty. 4)

Descriptions:

Spa flex hose.

Speciality Fittings





FITTING

Material No: 00125 Multiple Order Oty: 25

Color: White



FITTING

Material No: 00165 Multiple Order Oty: 25

Color: White

Descriptions:

Fits outside diameter of valve ports to convert 1" slip to 1½" slip



65° Elbow, 1½" Spigot x 1½" Slip.



FITTING

Material No: 00360 Multiple Order Oty: 50

Color: White



FITTING

Material No: 00372 Multiple Order Oty: 50

Color: White

Descriptions:

1" Slip Wye.

Descriptions:

2" X ¾" Saddle Barb.



FITTING

Material No: 01155
Multiple Order Qty: 10

Color: White



FITTING

Material No: 02026 Multiple Order Qty: 50

Color: White

Descriptions:

 $1\frac{1}{2}$ " Slip $\frac{3}{8}$ " Barb x $1\frac{1}{2}$ " Spigot Suction Adapter.

Descriptions:

26mm (1.0") Wye Fitting.



Speciality Fittings



FITTING

Material No: 72601 Multiple Order Oty: 50

Color: White



FITTING

Material No: 20442-V Multiple Order Oty: 50

Color: White

Descriptions:

26mm (1.0') Smooth Barb x 1" Spigot x (¾" slip) Adaptor.



FITTING

Material No: 00113M Multiple Order Oty: 50

Color: White

ADAPTOR

Material No: 10134M Multiple Order Qty: 50

Cap for 26mm (1.0") Smooth Barb.

Color: White

Descriptions:

1" Spigot x 32mm ($1^{1}/_{4}$ ") Reducer Bushing.

Descriptions:

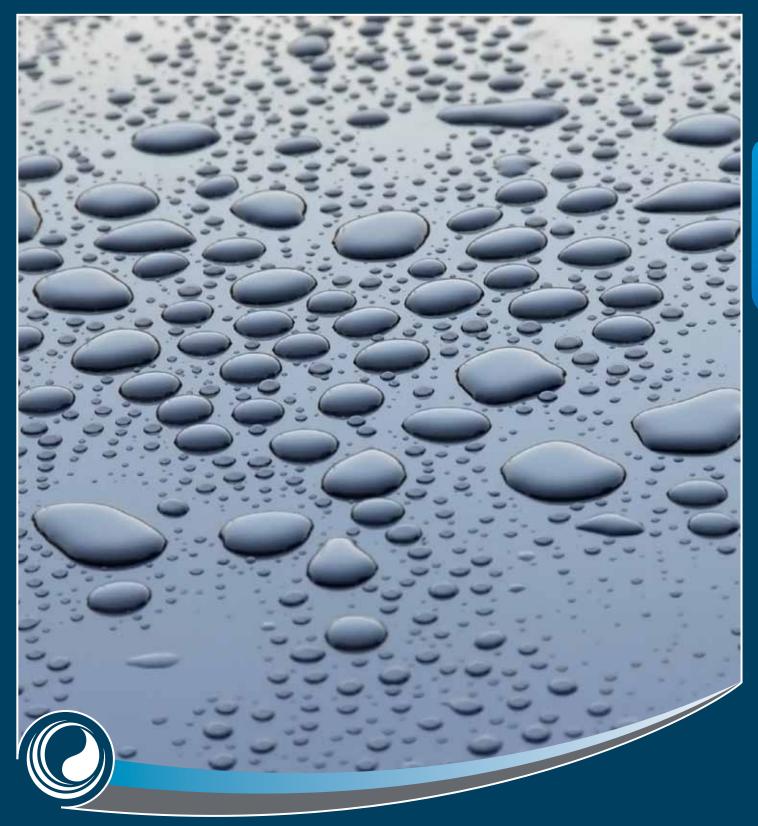
Descriptions:

 $\frac{1}{2}$ " and 1" Air Control to 32mm (1 $^{1}/_{4}$ ")

Slip Adaptor.



NOTES:		

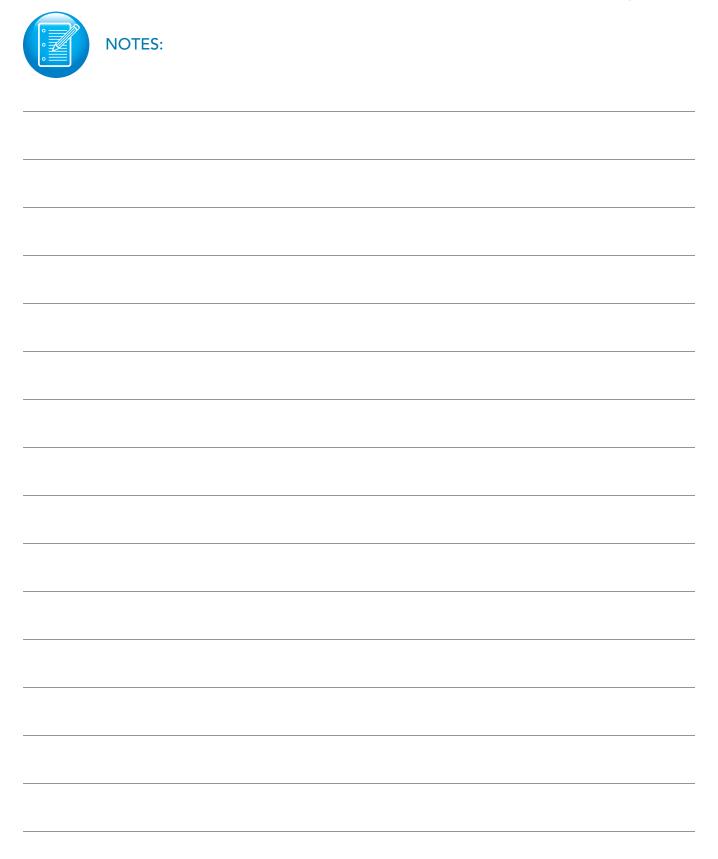


BathSuctionsAndDrains

Your Single Source Solution









Bath Suctions

Slimline® Suction



FEATURES

- UL-Approved
- High flow rate
- Safety suction
- Elegant, slim and minimalistic design
- Matches Slimline jet series

Slimline Suction

Balboa Water Group has extended the Slimline range and designed a slim, minimalistic suction that will complement any whirlpool. The suction has a flow rate of 101 GPM/23 m3/h and the complete suction has a safety relief function, to guarante your safety while relaxing in your whirlpool.



PartsOverview

Metal escutcheon - 282401-PC

Stainless steel

Suction front - 302200-PC

Chromed ABS, cover with wall fitting

Safety suction elbow - 302201

90°, 2" ID, white PVC, height 4.3"

Clamp - 63097 Clamp for safety relief

Elbow - 73890

White PVC elbow for safety relief

Tube - 63038

 $^{3}/8$ " ID x $^{9}/16$ " OD White Vinyl Tubing (200 Feet).

Note: only use silicone when mounting the suction on the tub. Hole size $2.8^{\prime\prime}$

Bath Suctions

Slimline® Suction



Measurements





SUCTION FRONT

Material No: 302200-PC Multiple Order Qty: 25

Descriptions:

Chrome ABS Cover With Wall Fitting

Diameter: 2.75" Length: 1.5"



SAFETY SUCTION ELBOW

Material No: 302201 Multiple Order Oty: 25

Descriptions:

90°, 2" ID, White PVC Height 4.3"



ELBOW

Material No: 73890 Multiple Order Oty: 25

Descriptions:

White PVC Elbow For Safety Relief



METAL ESCUTCHEON 3.38" (Ø86MM)

Material No: 282401-PC Multiple Order Oty: 25

Descriptions:

Stainless Steel

Outside Diameter: 3.38" (86.10mm) Inside Diameter: 2.47" (62.73mm)



CLAMP

Material No: 63097 Multiple Order Oty: 25

Descriptions:

Clamp For Safety Relief.



VINYL TUBING

Material No: 63038 Multiple Order Qty: 1

Color: Clear

Descriptions:

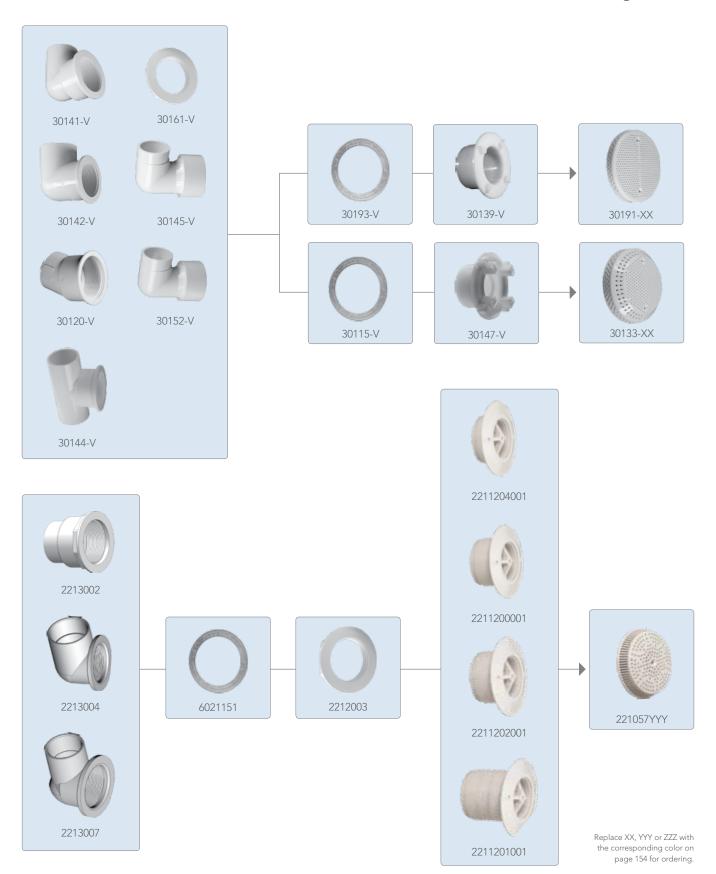
 $^{3}/_{8}$ " ID x $^{9}/_{16}$ " OD White Vinyl Tubing

(200 Feet).



Bath Suctions

Fitting Structure



Your Single Source Solution. We reserve the right to change technical data without further notice. p 714.384.0384 \mid f 714-384-0385

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Suctions







COVER

Material No: 30133-XX Multiple Order Qty: 25



LOW PROFILE COVER

Material No: 30191-XX Multiple Order Qty: 25



Cover, 100 GPM (Suction cover outside diameter 3¾").



Descriptions:

Low Profile Cover 67 GPM (Suction Cover Outside Diameter 39/16").



SUCTION

Material No: 2210547YYY Multiple Order Qty: 25



GUARD HEAD

Material No: 2211200001 Multiple Order Qty: 25



Cover assembly standard.



Guard Head Short 1.400".



GUARD HEAD

Material No: 2211201001 Multiple Order Qty: 25



GUARD HEAD

Material No: 2211202001 Multiple Order Qty: 25

Descriptions:

Guard Head Long 2.555".

Descriptions:

Guard Head Medium 1.750".

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.







GUARD HEAD Material No: 2211204001 Multiple Order Qty: 25



WALL FITTING Material No: 30139-V Multiple Order Qty: 25 Also Available In:: **30139L** - Large (Multi order qty: 25)

Wall Fitting 4-30191 X 11/2 "S.



Descriptions:

WALL FITTING

Guard Head Extra Short 0.750".



Also Available In: 30147L - Large (Multi order qty: 25) 30147M - Metric (Multi order qty: 25)



NUT Material No: 2212003 Multiple Order Qty: 50 Also Available In: **30161** - Nut (Multi order qty: 50)



Standard Wall Fitting 4 Post for 30133 x 11/2" Slip.



Descriptions:

For Direct Plumbing To Guard.



THREADED ELBOW

Also Available In::

Material No: 30141-V Multiple Order Qty: 25 Color: White

30141M - 50mm (2.0") (Multi order qty:



THREADED ELBOW Material No: 30142-V Multiple Order Qty: 25

Color: White

Descriptions:

90° Threaded Elbow Slip. 11/2".

Descriptions:

90° Threaded Elbow x 2" Slip.

Suctions

Suction Fittings





THREADED

Material No: 2213002 Multiple Order Qty: 25

Color: White Also Available In:

30138M - 50mm Spigot (Multi order qty:

25)



Descriptions:

THREADED

Material No: 2213004 Multiple Order Qty: 15

Color: White

Descriptions:

Suction adaptor straight standard/thin.



THREADED

Material No: 2213007 Multiple Order Qty: 15

Color: White



THREADED

Material No: 30144-V Multiple Order Qty: 25

Suction elbow standard/thin 2 inch.

Color: White

Descriptions:

Suction adaptor straight standard/thin.1½"



Material No: 30120-V Multiple Order Qty: 25

Color: White

Descriptions:

Threaded Tee 1½" Slip x 1½" Slip.

THREADED



STREET ELBOW

Material No: 30145-V Multiple Order Qty: 25

Color: White

Descriptions:

Threaded 1½" Slip 20°.

Descriptions:

1½" Spigot x 1½" Street Elbow.







STREET ELBOW

Material No: 30152-V Multiple Order Qty: 25

Color: White



SELF DRAINING DRYSUCTION

Material No: 19-6000 Multiple Order Qty: 30

Color: White

Descriptions:

1½" Spigot x 1½" Street Elbow.



Descriptions:

Dry suction assembly. Self draining ensure proper water drainage up to 10° from horizontal.



GASKET

Material No: 30193-V Multiple Order Qty: 50

Color: Clear Also available:

30115-V - Suction Gasket (Multi order

qty: 50)



GASKET

Material No: 6021151 Multiple Order Qty: 50

Color: Clear

Descriptions:

Gasket.



Gasket.



TOOL

Material No: 36335 Multiple Order Qty: 1

Color: Plastic



INSTALLATION TOOL

Material No: 6110104 Multiple Order Qty: 1

Color: Plastic

Descriptions:

Tool for Snap-In Jet and Suction Wall Fittings.

Descriptions:

Installation Tool.







132 GPM

Material No: 30177-XX Multiple Order Qty: 25



LOW PROFILE COVER

Material No: 30191-XX Multiple Order Qty: 25



Cover 132 GPM (Suction Cover Outside Diameter 39/16").



Descriptions:

Low Profile Cover 67 GPM (Suction Cover Outside Diameter 39/16").



WALL FITTING

Material No: 30139-V Multiple Order Qty: 25 Also Available In::

30139L - Large (Multi order qty: 25)



WALL FITTING

Material No: 30147-V Multiple Order Qty: 25



Wall Fitting 4-30191 X 11/2"S. Standard.

Descriptions:

Wall Fitting 4-30177 X 11/2 "S. Standard.



WALL FITTING

Material No: 30157-V Multiple Order Qty: 25

Color: White



RELIEF ELBOW

Material No: 30143-V Multiple Order Qty: 50

Color: White Also Available In:

30143SP - With Silicon (bulk qty. 45)

Descriptions:

Low Pro Close Wall Fitting (¾" long).

Descriptions:

½" Slip Suction Relief 90° Elbow Slip.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.







RELIEF ELBOW

Material No: 30154-V Multiple Order Qty: 25

Color: White
Also Available In::

30154M - 1/2" (bulk qty. 25)



1½" Slip close Fit Suction Relief 90° Elbow Slip.



SUCTION ADAPTOR

Material No: 01155 Multiple Order Oty: 10

Color: White

Descriptions:

 $11\!\!/\!\!2$ " Slip x $^3/\!\!8$ " Barb x $11\!\!/\!\!2$ " Spigot Suction Adaptor.



BARB

Material No: 73890 Multiple Order Oty: 50

Color: White

Descriptions:

 $^3/\!_8$ " 90° Barb x ½ " Spigot.



RELIEF ELBOW

Material No: 30146-V Multiple Order Oty: 50

Color: White

Descriptions:

2" Slip Suction Relief 90° Elbow with

½" Slip.



BARB FOR SCHEDULE 40 PVC PIPE

Material No: 00372 Multiple Order Oty: 50

Color: White Also Available In:

00375 - 3/8" Saddle Barb for 1½" Schedule 40 PVC Pipe (50 bulk qty.)

Descriptions:

2" X ¾" Saddle Barb.



GASKET

Material No: 30193-V Multiple Order Oty: 50

Color: Clear

Descriptions:

Gasket.







VINYL TUBING

Material No: 63038 Multiple Order Oty: 1

Color: Clear



DOUBLE WIRE CLAMP

Material No: 63097 Multiple Order Qty: 20

Color: Silver

Descriptions:

 $^{3}/_{8}$ " ID x $^{9}/_{16}$ " OD White Vinyl Tubing (200 Feet).



Descriptions:

Double Wire Clamp for $^3/_8$ " ID x $^9/_{16}$ " OD Vinyl Tubing.



TOOL

Material No: 36335 Multiple Order Oty: 1 Color: Plastic



FOAM FOR BARB

Material No: 30170-V Multiple Order Oty: 25

Color: Gray

Descriptions:

Tool for Snap-In Jet and Suction Wall Fittings.



1/2" Foam for 73890 Barb.



FITTING

Material No: 39005-XX Multiple Order Qty: 20



CABLE

Material No: 39027-XX Multiple Order Oty: 12

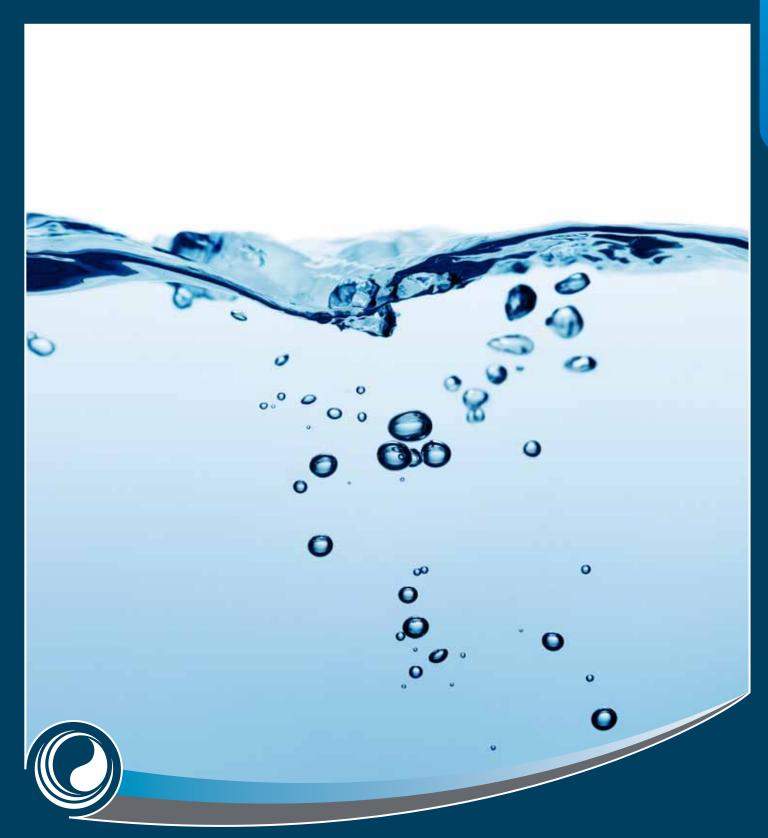
Descriptions:

Toe Touch Waste and Overflow.

Descriptions:

27" Cable Waste and Overflow.

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.



BathHeaters

Your Single Source Solution





NOTES:	



Bath Heaters

PermaHeat™ Bath Heater



Heating Gain With System
Heating Lost With System
Room Temp Average
Heating Gain Without System
Heating Lost Without System

Heating Lost With System
Heating Lost Without System

The Luxury of PermaHeat™

New option for a Soaker tub. The PermaHeatTM system eliminates the cooling of the water by providing a constant temperature – between 102° F and 104° F – for a longer, more luxurious, and more enjoyable bath

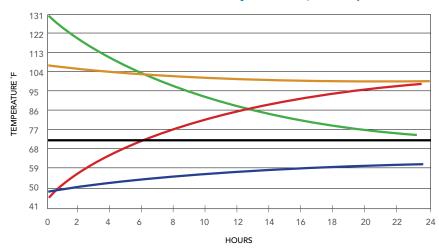
The Uniqueness of PermaHeat™

The PermaHeat™ system combines the quietness of a soothing Soaker Tub bath with the pump and heater of a whirlpool tub all in one compact unit. PermaHeat™ combines a heater and an ultra quiet pump with a patented suction inlet and outlet fitting to maintain water temperature.

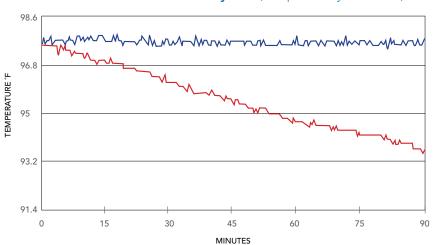
The Efficiency of PermaHeat™

With a PermaHeat™ system, you do not have to add hot water to the tub to prolong a bathing experience. This reduces both water waste and the energy needed to heat the new water.

Heat Tested With PermaHeat™ System (Independently Measured)



Heat Lost With PermaHeat™ System (Independently Measured)



Bath Heater

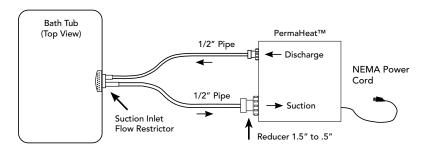
PermaHeat™ Bath Heater



Measurements



Installation Overview



INLET/OUTLET FITTING

Material No: 30353-XX Material No: 30193-V Gasket Material No: 30165-V Nut

Material No: 30164-V Compensating Ring
Material No: Please Call. Air Bleed Check Valve

Notes:

Like any other whirlpool installation, the suction/outlet fitting should be mounted to assure the PermaHeat™ system will drain after each use.

PermaHeat™ Control Options

On/Off Pneumatic control with 20 minute timer (Wall mounted - plugs into outlet)

Option 1



PermaHeat™ Models

Material No: 91000 115/632kW Heater

Material No: 91015 115/1500kW Heater include NEMA plug

> Material No: 91015 115/1500kW Heater include NEMA plug



Pneumatic Timer

Material No: 99634 20 Minute timer



Air Button Plus Red Tubing

Material No: 13070-XX
Air Button flush on/off assembly

Material No: 63016 1/8" x 1/4" Red Vinyl 500ft

On/Off Electronic control with 20 minute timer (Wall mounted - plugs into outlet)

Option 2



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Bath Heaters

Bath Heater



FEATURES

- Maintain constant bath temperature
- Automatic reset for perfect temperature control
- Pre-plumbed for easy installation and serviceability
- Plugs into standard 120V outlet
- Energy efficient

Luxury

Mixing air and water in a jetted bath causes the water to cool 75% faster than in a traditional bathtub. But, a bath with a PermaHeat heater eliminates the rapid cooling of the water by providing a constant temperature – between 102° F and 104° F – for a longer, more luxurious, and more enjoyable bath.

Automatic Reset

Only PermaHeatTM features the automatic reset for perfect temperature control without having to locate and reset the unit itself under the tub. Installation of a PermaHeatTM bath heater couldn't be simpler and is perfect for both new installations as well as a retrofit.

PART NUMBER
NAMING CONVENTION

935211-2<u>X</u> T Option

Option Key:

1 = Two 1" Slip Unions

2 = Two 1 1/4 " Slip Unions

 $3 = \text{Two 1} \frac{1}{2}$ "slip unions

4 = 1" Slip & 1" SPG Union

7 =Three 1" slip Unions



HEATER

Material No: 935211-2X (Multi Qty: 24) **V/Hz:** 115V/60Hz **Heater:** 1.5 Kw

High Limit Temperature: 118°

Description: Tee configuration

Bathing Temperature: 102°-104°



HEATER

Material No: 935212-2X (Multi Qty: 24) V/Hz: 115V/60Hz Heater: 1.5 Kw

High Limit Temperature: 118° Description: 7", Inline, Pressure Bathing Temperature: 102°-104°



HEATER

Material No: 935231-2X (Multi Qty: 24) **V/Hz:** 115V/60Hz

Heater: 1.5 Kw

High Limit Temperature: 118° Description: 7", Inline, Vacuum Bathing Temperature: 102°-104°

Bath Heaters

Heater Bath Accessories





HEATER TAIL

Material No: 92154 Multiple Order Qty: 50

Color: White
Also Available In:

92164 - 1½" (50 bulk qty.) 92153 - 1½" (50 bulk qty.)

Descriptions:

Heater Tail Piece x Slip. 1"



HEATER GASKET

Material No: 92155 Multiple Order Qty: 50

Color: White Also Available In:

92159 - Flat (50 bulk qty.)

Descriptions:

Heater Gasket. Ribbed for Tail Pieces.



HEATER TAIL

Material No: 92156 Multiple Order Oty: 50

Color: White

Descriptions:

Heater Tail Piece x 1" Spigot.



BathChromatherapy

Your Single Source Solution

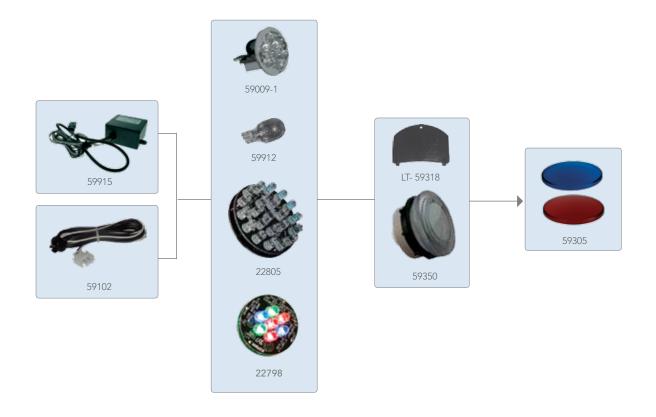


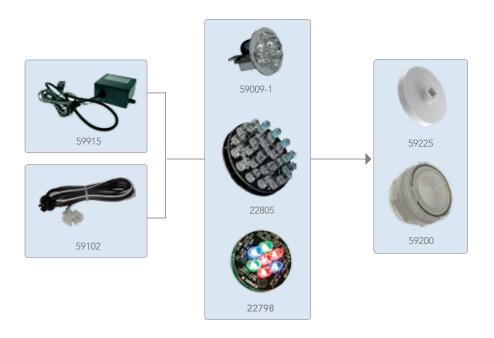


NOTES:



Fitting Structure





Bath Lights





LIGHT KIT

Material No: 59200 Multiple Order Oty: 10

Color: White
Also Available In:

59200-GRY - 2" Gray (Multi order qty: 50)



LIGHT KIT

Material No: 59350 Multiple Order Qty: 25

Descriptions:

2" Light Kit for LED Bulb Front Access.



3½" Light with Lens Removal Tool, Front Access, UL.



LIGHTS

Material No: 22805 Multiple Order Oty: 10 Also Available In:

59024-1 - 24 LED Master (Multi

order qty: 10)



LED BULB

Material No: 59009-1 Multiple Order Qty: 10

Descriptions:

22 LED Bulb Cluster with Built In Light Programs.

 ${\sf Descriptions:}$

9 LED Bulb (10 Effect).



LIGHTS

Material No: 59018-1 Multiple Order Oty: 10

BULB

Material No: 59912 Multiple Order Qty: 50

Descriptions:

18 LED Light (10 Effect).

Descriptions:

EnCapsulated Bulb 12Volt, 12 Watt.



Bath Lights



TRANSFORMER BOX

Material No: 59910 Multiple Order Qty: 20



TRANSFORMER BOX

Material No: 59915 Multiple Order Qty: 20



115v Transformer Box, Cord and Bulb Holder.



115v Transformer Box, Air Switch with Cord and Bulb Holder.



TRANSFORMER BOX

Material No: 59920 Multiple Order Qty: 20



LENS

Material No: 59305 Multiple Order Qty: 25 Color: Blue and Red

Descriptions:

230v Transformer Box, Cord and Bulb Holder.

Descriptions:

Blue/Red Filter Kit for 59500/59300/59350.



TOOL

Material No: LT-59318 Multiple Order Qty: 1



TOOL

Material No: 59225 Multiple Order Qty: 10

Color: White

Descriptions:

Lens Removal Tool for 59350.

Descriptions:

Lens Removal Tool for 59200.

Bath Lights





TOOL

Material No: 59325 Multiple Order Oty: 25

Color: Black



WIRE HARNESS

Material No: 59102 Multiple Order Qty: 10

Also Available In:

59100 - with Bare Wires (bulk qty. 10)

Descriptions:

Optional Holding Tool For Installation of 59350.

Descriptions:

Wire Harness with 2 Pin Amp Plug.



BathAromatherapy

Your Single Source Solution





	NOTES:		
_			



Aromatherapy

Aromatherapy



AROMATHERAPY BEAD DISPENSER

Material No: 13881 Multiple Order Oty: 25 Also available in: 13883 - strip dispenser



DISPENSER CAP

Material No: 13886-XX Multiple Order Oty: 25



BEAD SCENTS

Material No: 10404-V Multiple Order Qty: 10



DISPENSER CAP

Material No: 13887-XX Multiple Order Qty: 25



STRIP SCENTS

Material No: 10400-V Multiple Order Qty: 25

Replace XX, YYY or ZZZ with the corresponding color on page 154 for ordering.



NOTES:



BathPumps Your Single Source Solution





NOTES:

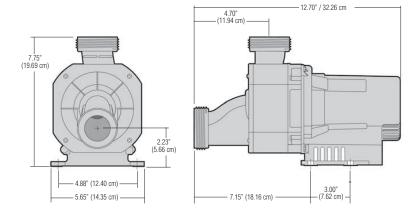


Gemini Plus® II Variable Speed Pump

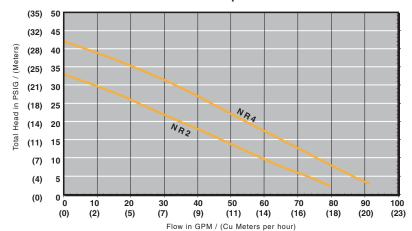


FEATURES

- Added horsepower ranges -Gemini Plus II® are available in AMP Draw / NR2 8.5 AMPS and NR4 12.5 AMPS
- Engineered seal design for maximum reliability
- Center line discharge allows right or left mounting
- Factory installed cord
- Optional air switch
- 100% self draining
- Variable Speed Applications
- UL® Recognized and CSA certified
- Exclusive double insulated motor housing
- New compact design with quieter operation



Gemini Plus II Pump Performance



STANDARD PUMP ASSEMBLIES

- Gemini Plus II 8.5 AMPS 120V, 50/60 Hz NR2
- Gemini Plus II 12.5 AMPS 120V, 50/60 Hz NR4

Gemini Plus® II - Variable Speed Pump



North America Domestic

PART #	AMPS	AIR SWITCH & CORD W/ PLUG	CORD W/ NEMA PLUG	CORD W/ JJ PLUG	VOLTAGE	FREQUENCY (Hz)	STYLE	BULK QTY
0035F00C	8.5	No	Yes	No	120	50/60 Hz	NR2	75
0035F88C	8.5	No	Yes	No	120	50/60 Hz	NR2	1
0034F00C	8.5	Yes	No	No	120	50/60 Hz	NR2	75
0034F88C	8.5	Yes	No	No	120	50/60 Hz	NR2	1
0059F00C	12.5	No	Yes	No	120	50/60 Hz	NR4	75
0060F00C	12.5	Yes	No	No	120	50/60 Hz	NR4	75
0060F88C	12.5	Yes	No	No	120	50/60 Hz	NR4	1
0059F00CJ	12.5	No	No	Yes	120	50/60 Hz	NR4	75

Description:

The original Gemini Plus pump combined advanced variable speed technology with superior performance to become "the choice" of manufacturers for almost a decade. The new ultra compact **Gemini Plus II**® series now offers improved performance and quiet operation to meet the demands of today's high flow Whirlpool bath jet systems. The compact design of the **Gemini Plus II** is available in standard configurations, providing a high performance pump that will fit in virtually any installation.

Variable Speed Control Option - The **Gemini Plus II**® Series is available with a patented "Digital Variable Speed Control Kit" for the ultimate in control flexibility. See sales for control options.



Titan Electronic Control System Kit



BATH CONTROL
Material No: 90031



CONTROL PANEL ROUND

Material No: 90011

Descriptions:

Titan Variable Speed Control Box. Dimensions: 4.3"H x 7.3"W x 2.5"D



CABLE

Material No: 25569

Descriptions:

Cable 6'



SENSOR

Material No: 30344

Descriptions:

Water Sensor.



SADDLE BARB

Material No: 00381

Descriptions:

1.5" Saddle Barb for Sensor 30344.



Round Display With 2 Button And LED Display.

Therapy and Light Buttons. Diameter: 1.86" (47.24mm)



CABLE

Material No: 25404

Descriptions:

Water Detect Cable.



CABLE

Material No: 25751

Descriptions:

Water Level Cable



SCREW

Material No: 99749

Descriptions:

Screw With Washer

WOW!® Pump - Powerful and Compact





FEATURES

- Single Speed Model
- Ultra Quiet Operation
- Compact Design
- UL and CSA Approved
- Self-draining Volute
- Proven Reliability

OPTIONS

- Wetends are Front Top, Center
- 65 and 86 GPM Flow Rate
- 115 Voltage
- 5.5 and 7.5 Amp
- Frequency of 60Hz
- NEMA Plug and Bare Leads
- Air Switch Option
- 30 min. Electronic Switch Timer Option

The Whirlpool Operating Wonder (WOW) from Balboa Water Group is the greatest little bath pump ever built! Revolutionizing the industry, the standard to which all pumps are compared, making the whirlpool tub affordable for every homeowner.

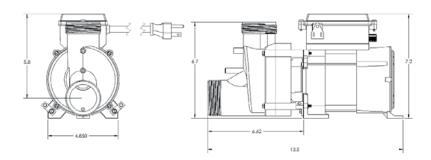
The WOW is the most reliable bath pump on the market. The WOW pump has years of reliable operation with less than 0.1% failure rate and it is backed by the service and reputation of Balboa Water Group.

The **WOW** is compact in size and easy to install. The self-draining volute ensures a dry, clean system.

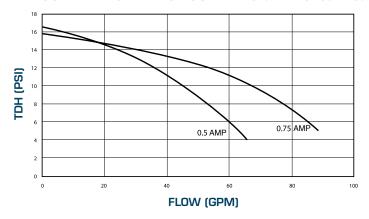
The **WOW** is offered in both a 50Hz and 60Hz version, making it the choice for the International and North American markets.

The WOW offers quiet operation, adding to the tranquility and comfort of the hydrotherapy experience. UL and CSA approved, the WOW passes rigorous agency testing.

Reliability, compact design and quiet power - are the reasons the **WOW** has become the standard by which all other luxury whirlpool pumps are measured.



60Hz PERFORMANCE CURVE North America Model





Bath Pumps WOW!® Pump - Powerful and Compact

5.5 Amperage (North America Domestic)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	NEMA CORD (PLUG)	AIR SWITCH	ELECTRIC TIMER	FRAME SIZE	FREQUENCY	BULK QTY.
1010030	65	115	5.5	1	Yes	No	No	10	60 Hz	75
1050030	65	115	5.5	1	Yes	No	No	10	60 Hz	1
1010031	65	115	5.5	1	Yes	Yes	No	10	60 Hz	75
1050031	65	115	5.5	1	Yes	Yes	No	10	60 Hz	1

7.5 Amperage (North America Domestic)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	NEMA CORD (PLUG)	AIR SWITCH	ELECTRIC TIMER	FRAME SIZE	FREQUENCY	BULK QTY.
1010037	86	115	7.5	1	Yes	No	No	10	60 Hz	75
1050037	86	115	7.5	1	Yes	No	No	10	60 Hz	1
1010032	86	115	7.5	1	Yes	Yes	No	10	60 Hz	75
1050032	86	115	7.5	1	Yes	Yes	No	10	60 Hz	1
1010038	86	115	7.5	1	Yes	No	30	10	60 Hz	75
1050038	86	115	7.5	1	Yes	No	30	10	60 Hz	1



Wetend (Bottom Suction, Top Discharge)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	FRAME SIZE	FREQUENCY
1215163	65	115	5.5	1	10	60 Hz
1215164	65	230	2.0	1	10	50 Hz
1215164	86	115	7.5	1	70	60 Hz

Power WOW!® - Performance And Reliability





FEATURES

- Single Speed Model
- 15mm Frame Size
- Ultra Quiet Operation
- Compact Design
- UL and CSA Approved
- Self-draining Volute
- Proven Reliability
- More Power

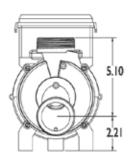
OPTIONS

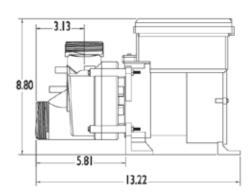
- 86,101 or 119 GPM
- 115 Voltage
- 7.0 Amp, 9.0 Amp,13.0 Amp
- Frequency of 50Hz or 60Hz
- NEMA Plug
- Air Switch Option
- 30 min. Electronic Switch Timer Option

When more power is required to move a larger volume of water through more jets, the **Power WOW** is the industry leading workhorse for the job.

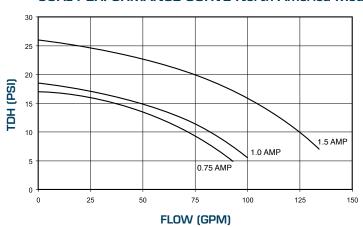
The big brother to the WOW pump doesn't require additional space or cooling. The Power WOW is UL and CSA approved adding to the sense of security already imparted by it's strong name.

More power, reliability and the same compact design, backed by the service and reputation of Spa and Bath Brands, make the **Power WOW** the choice for moving more water in whirlpool baths with more features.





60Hz PERFORMANCE CURVE North America Model





Power WOW!® - Performance And Reliability

7.0 Amperage (North America)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	NEMA CORD (PLUG)	AIR SWITCH	ELECTRIC TIMER	FRAME SIZE	FREQUENCY	BULK QTY.
1011082	86	115	7.0	1	Yes	No	No	15	60 Hz	72
1051082	86	115	7.0	1	Yes	No	No	15	60 Hz	1
1051081	86	115	7.0	1	Yes	Yes	No	15	60 Hz	1
1051083	86	115	7.0	1	Yes	No	30	15	60 Hz	1

9.0 Amperage (North America)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	NEMA CORD (PLUG)	AIR SWITCH	ELECTRIC TIMER	FRAME SIZE	FREQUENCY	BULK QTY.
1011014	86	115	9.0	1	Yes	No	No	15	60 Hz	72
1051014	86	115	9.0	1	Yes	No	No	15	60 Hz	1
1011057	86	115	9.0	1	Yes	Yes	No	15	60 Hz	72
1051057	86	115	9.0	1	Yes	Yes	No	15	60 Hz	1
1051079	86	115	9.0	1	Yes	No	Yes	15	60 Hz	1

13 Amperage (North America)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	NEMA CORD (PLUG)	AIR SWITCH	ELECTRIC TIMER	FRAME SIZE	FREQUENCY	BULK QTY.
1034002	86	115	13	1	Yes	Yes	No	15	60 Hz	72
1074002	86	115	13	1	Yes	Yes	No	15	60 Hz	1
1034023	86	115	13	1	Yes	No	Yes	15	60 Hz	72
1074023	86	115	13	1	Yes	No	Yes	15	60 Hz	1
1034019	86	115	13	1	Yes	No	No	15	60 Hz	72
1074019	86	115	13	1	Yes	No	No	15	60 Hz	1

Wetend (Bottom Suction, Top Discharge)

PART #	FLOW RATE (GPM)	VOLTAGE	AMP	VARIABLE & 1 SPEED	FRAME SIZE	FREQUENCY
1215162	101	230	4.3	1	15	50/60 Hz
1215510	101	115	9.5	1	15	60 Hz
1215164	86	115	7.2	1	15	60 Hz
1215610	117	115	13.5	1	15	60 Hz
1215610	117	230	7.5	1	15	50 Hz

Timer Models:

Models with 30 min timer require top side panel model 5011028XXX. The XXX is for color representation.

Bath Pumps

Select-A-Flow





SELECT-A-FLOW

Material No: 99126-XX Multiple Order Qty: 25 Also Available In: 99126-PB - Plastic Brass (25 bulk qty.)

99126-PC - Plastic Chrome

(25 bulk qty.)

Descriptions:

Select-A-Flow Complete Assembly x 3/8" Barb (4 to 8 Jets).



SELECT-A-FLOW

(25 bulk qty.)

Material No: 99135-XX Multiple Order Qty: 25 Also Available In: 99135-PB - Plastic Brass (25 bulk qty.) 99135-PC - Plastic Chrome

Descriptions:

Select-A-Flow Complete Assembly x ½" Barb (8 to 12 Jets).



1/2" WINDOW CAP

Material No: 99144-XX Multiple Order Qty: 25

Descriptions:

½" Window Cap.



SELECT-A-FLOW

Material No: 99128-XX Multiple Order Qty: 25 Also Available In: 99128-PB - Plastic Brass (25 bulk qty.)

99128-PC - Plastic Chrome

(25 bulk qty.)

Descriptions:

Select-A-Flow Complete Assembly \times $^{3}/_{8}$ " Barb (8 to 12 Jets).



BARB

Material No: 73890 Multiple Order Qty: 50 Color: White

Descriptions:

3/8" 90° Barb x ½" Spigot.



BARB FOR SCHEDULE 40 PVC PIPE

Material No: 00372 Multiple Order Qty: 50

Color: White Also Available In:

00375 - 1½" x 3/8" Saddle Barb.

(50 bulk qty.)

Descriptions:

2" X 3/8" Saddle Barb.







VINYL TUBING

Material No: 63038 Multiple Order Oty: 1

Color: Clear



DOUBLE WIRE CLAMP

Material No: 63097 Multiple Order Oty: 20

Color: Silver

Descriptions:

 $^{3}/_{8}$ " ID x $^{9}/_{16}$ " OD White Vinyl Tubing (200 Feet).



Double Wire Clamp for 3/8" ID x 9/16" OD Vinyl Tubing.



SUCTION PORT

Material No: 99015 Multiple Order Qty: 25

Color: White



SUCTION ADAPTOR

Material No: 01155

Multiple Order Qty: 10

Color: White

Descriptions:

³/₈" 90° Barb adaptor for Pump Suction Ports. Descriptions:

 $1\frac{1}{2}$ " Slip x $^3/\!\!$ " Barb x $1\frac{1}{2}$ " Spigot Suction

Adapter.

Bath Pumps

Pump Accessories





1" TEE

Material No: 3320601 Multiple Order Qty: 50 Color: Black and White



1.5" UNION

Material No: 2614022 Multiple Order Oty: 50 Color: Black and White



1" Tee with female slip socket, $1\frac{1}{2}$ " union nut and 0-ring.



Descriptions:

1½" female slip socket fitting with a 1½" union nut and O-ring.



65 DEGREE

Material No: 3320251 Multiple Order Qty: 25 Color: Black and White



UNION WITH GASKET

Material No: 92071 Multiple Order Oty: 50 Color: Black and White



1½" 65 degree elbow with female slip socket, 1½" union nut and 0-ring.



2" Slip Union with Gasket.



1" (26MM) TEE

Material No: 92030 Multiple Order Oty: 50

Color: White



UNION WITH O-RING

Material No: 92020 Multiple Order Oty: 50

Color: White Also Available In::

92020M - 32mm (1¹/₄") Slip Sweep Tee Union with O-Ring (25 bulk qty.) 92025 - 1½" Slip Sweep Tee Union with O-Ring (50 bulk qty.) 92030 - 26mm (1.0") Sweep Tee Union with O-Ring (50 bulk qty.)

Descriptions:

Sweep Tee Union with O-Ring. 1" Slip Sweep Tee Union with O-Ring (144 bulk qty.)

Descriptions:

26mm (1") Barb Union Tee.





Pump Accessories



PUMP UNION WITH O-RING

Material No: 92035 Multiple Order Oty: 50

Color: White Also Available In:

92037 - 1" long (30 bulk qty.)



THREADED ADAPTOR WITH O-RING

Material No: 92165 Multiple Order Oty: 50

Color: Black

Descriptions:

1½" Butress Thread Pump Union Extender with O-Ring. ¾" long (240 bulk qty.)



Descriptions:

2" OD x 1½" Id Buttress Thread Adapter with O-Ring.



ADJUSTABLE PLASTIC STAND

Material No: 1216172 Multiple Order Oty: 25

Color: White



PUMP STAND

Material No: 99121 Multiple Order Oty: 25

Color: Gray

Descriptions:

For all WOW, Power WOW and Variable Speed Pumps.

Descriptions:

Universal Pump Stand.



ANTI-VIBRATION PADS

Material No: 99122 Multiple Order Qty: 20

Color: Blue



ANTI-VIBRATION PADS

Material No: 99125 Multiple Order Qty: 20

Color: Blue

Descriptions:

Anti-Vibration Pads for 99121 (Set of 3).

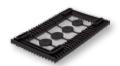
Descriptions:

Anti-Vibration Pad for Olympian High Efficiency (HE) Pump.

Bath Pumps

Unions and Accessories





MOTOR PAD

Material No: 1216163 Multiple Order Qty: 25



O-RING

Material No: 92003 Multiple Order Qty: 100

Color: Black

Descriptions:

Universal Anti-Vibration Pad.



O-Ring for 11/2" Pump Unions.



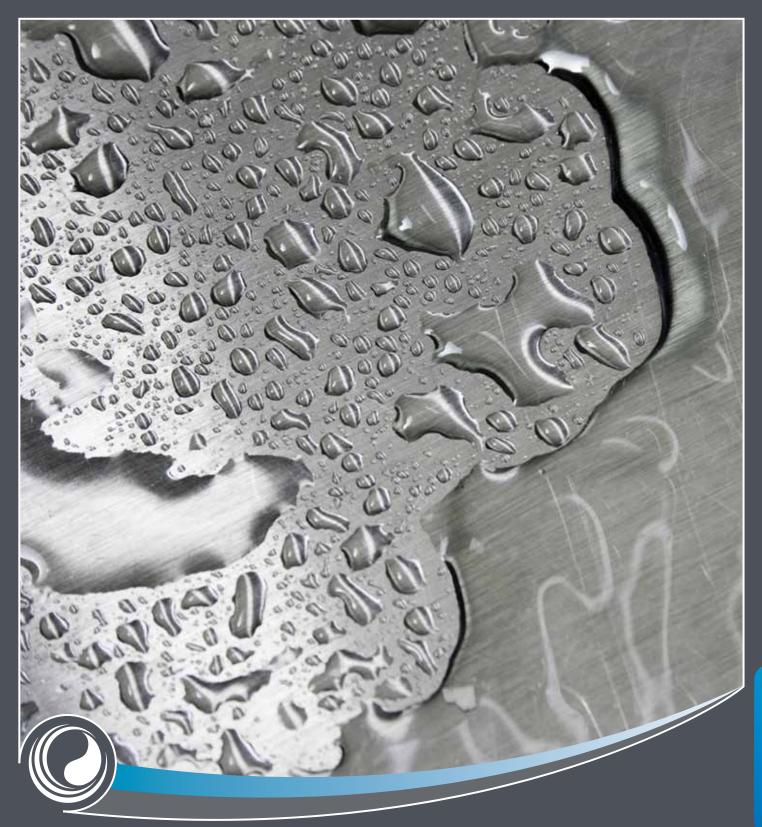
PUSH BUTTON

Material No: 5211002YYY Multiple Order Qty: 25 13082-XX - Plastic flat 13083-XX - Plastic raised 18082-XX - Plated Metal flat 18083-XX - Plated Metal raised 13085-XX - Plated plastic flat 13070-XX - Plastic flat ½ threads with ring on bottom

13071-XX - Plated plastic flat with ring on bottom

52110025YYY - Plastic flat with

loop on bottom



TechnicalInformation

Your Single Source Solution



Color Codes

Bath Products Color Offerings



STANDARD ORDER COLORS

XX COLORS

AL - Almond

BC - Biscuit

BK - Black

BO - Bone

CB - Classic Bone

WH - White

CW - Classic White

PB - Polished Brass

PC - Polished Chrome

BN - Brushed Nickel

YYY COLORS

22 - Almond

131 - Biscuit

002 - Black

035 - Bone

001 - White

142 - Classic White

PPB - Polished Brass

PPC - Polished Chrome

PBN - Brushed Nickel

ZZZ COLORS

ALMD - Almond

BIS - Biscuit

BLK – Black

BON - Bone

WHT - White

PB - Polished Brass

PC - Polished Chrome

SN - Brushed Nickel

OTHER SPECIAL COLORS AVAILABLE. PLEASE CALL FOR MORE DETAILS.

SPECIAL ORDER FINISHES

XX Colors

OB - Oil Rubbed Bronze

PN - Polished Nickel

YYY Colors

POB – Oil Rubbed Bronze

PN - Polished Nickel

ZZZ Colors

ORB - Oil Rubbed Bronze

PN - Polished Nickel



Hole Sizing Guide Hole Size Measurements

HOLE SIZING GUIDE

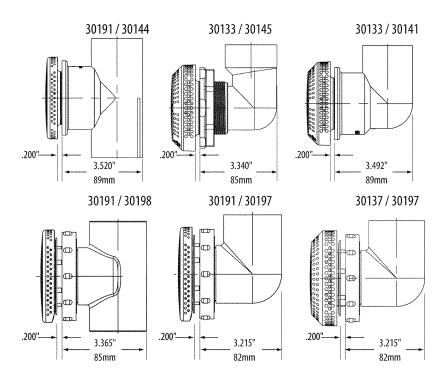
PART	DESCRIPTION	HOLE SIZE (IN)	HOLE SIZE (MM)
13082/13083	On/Off Air Button with Bellows (Flush & Raised)	15/16″	34mm
13050	On/Off Air Button with Bellows for Marble Application	13/4"	44mm
13092	Body/Nut/Bellows Subassembly	15/16"	34mm
13712/13714/13715/13717	Air Control ½" Top Draw	11/8"	29mm
13552	Air Control 1" Top Draw	13/4"	44mm
13676/13678/13682/13640/13642/ 13544/13646/13648/13650	Air Control ½" Underskirt	15/₁₀″	34mm
Air Injectors	Micro Brass Air Injectors	1/2"	25mm
Air Injectors	Macro Brass Air Injectors	9/16"	15mm
10461	1¼" Bath Air Injector Wall Fitting	5/8"	16mm
Micro/Macro Injector Jets	All Injector Jets (except 13446), Micro/ Macro Wall Fittings	1"	25mm
20352, 20376, 20348	All Budget, Trim Llne, Mini & Adjustassage Jet Wall Fittings	13/4"	44mm
25010	All Trans-Adjustable Jet Wall Fittings	23/8"	60mm
25017/41920/41924/40115	Jumbo Jet and Niche	3½"	89mm
20464	Micro V Jet Wall Fitting	11/8"	29mm
27300	3.5" Matrix Jet Body	21/4"	56mm
30139, 30147	All Suction Wall Fittings (except 200 GPM Suction)	23/8"	60mm
43005 & 43008	Diverter Valves	11/4"	32mm
43025 & 43030	On/Off Valves	21/8"	54mm
99126/99128/99135	All Select-A-Flow	15/16"	34mm
00372/00375	%" Saddle Barb	3/8"	10mm
59200	2" Light	21/8"	54mm
59350	3.5" Bath Light	21/2"	64mm
GG-LUX-PC	Luxury Underwater Light	17/16"	36mm
ISC-100, ISC-125	Electronic Controls	11/4"	32mm
ISC-150	Electronic Controls	1½"	38mm

Depth Dimensions

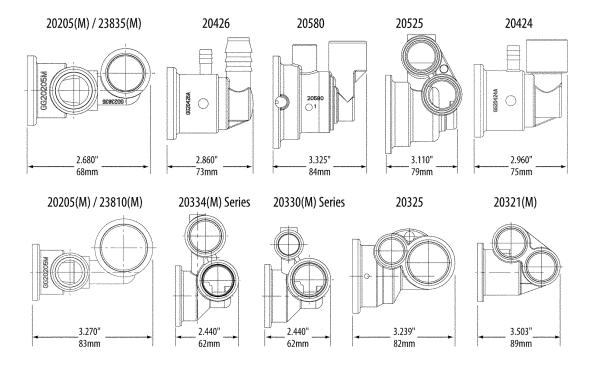
Suction And Jet Bodies



SUCTION

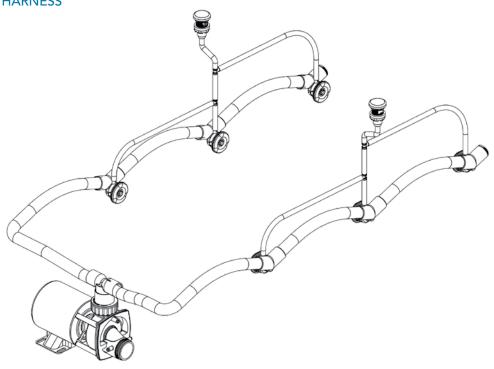


JET BODIES

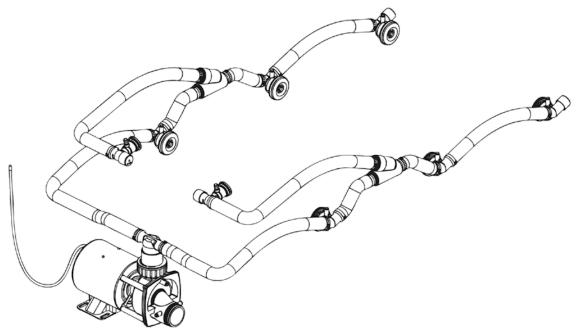








V-JET 26mm HARNESS

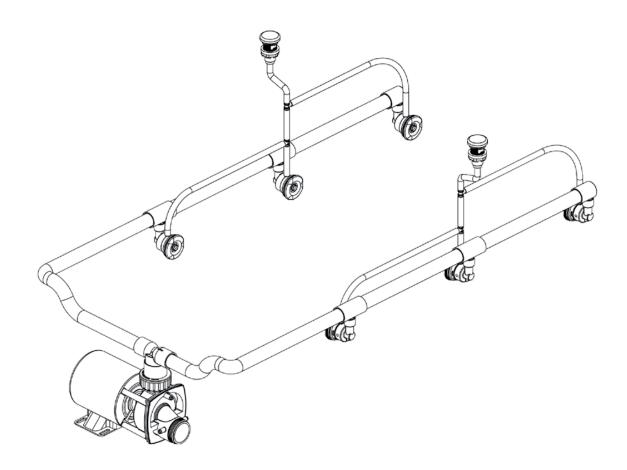


Harnesses

Drop Down Harnesses



DROP DOWN HARNESS





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10-2705FP ZZZ 38 401-020 103 10-2711ZZZ 38 401-130 103 10-2711ZZZ 37 401-130 103 10-2713FP ZZZ 38 401-133 103 10-2713FP ZZZ 38 401-133 103 10-2713FP ZZZ 37 406-005 103 10-3903 46, 52 406-010 103 10-3904PM 45, 50 406-015 103 10-3958 ZZZ 45, 50 406-015 103 10-3958 ZZZ 45, 50 406-020 103 10-3958 ZZZ 44, 45, 49, 50 406-130 103 00015 104 409-005 103 16-2701 ZZZ 37 409-015 103 16-2701 ZZZ 37 409-015 103 16-2703 ZZZ 37 409-015 103 16-2703 ZZZ 37 409-015 103 16-2705F ZZZ 38 417-01 103 16-2705F ZZZ 37 417-005 103 16-2713FP ZZZ 38 417-01 103 16-2713FP ZZZ 38 417-01 103 16-2713FP ZZZ 38 417-01 103 16-3965 27 417-005 103 16-3965 45, 50 427-010 103 17-4000 117 427-015 103 19-4000 117 427-015 103 19-5000 144, 49 429-005 103 19-5000 144, 49 429-005 103 19-5000 144, 49 429-005 103 10-3901 44, 49 429-005 103 10-3905 46, 52 429-010 103 10-3905 46, 52 429-010 103 10-3905 104 437-211 104 10055M 104 437-211 104 10005SM 104 437-211 104 100110 15, 16, 18, 22, 28 447-010 104 10113M 107 01155 106, 119, 147 1012S 19-40, 119, 147 1012S 19-40, 119, 147 1012S 19-40, 119, 147 1012S 19-40, 119, 147 1012S 11, 14, 14, 14, 14, 14, 14, 14, 14, 14,	10-2703 ZZZ	37	401-007	103
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10-2713FP ZZZ 37 406-005 103 10-3903 46, 52 406-010 103 10-3949M 45, 50 406-015 103 10-3955M ZZZ 45, 50 406-020 103 10-3955M ZZZ 44, 45, 49, 50 406-130 103 103 10-3955 ZZZ 44, 45, 49, 50 406-130 103 103 100015 104 409-005 103 100015M 104 409-010 103 16-2701 ZZZ 37 409-015 103 16-2701 ZZZ 37 409-020 103 16-2703 ZZZ 37 409-020 103 16-2703 ZZZ 37 417-00 103 16-2703 ZZZ 37 417-00 103 16-2701 ZZZ 37 417-010 103 16-2701 ZZZ 37 417-010 103 16-2711 ZZZ 37 417-020 103 16-2712 ZZ 37 417-020 103 16-3955 ZZZ 44, 45, 49, 50 417-020 103 16-3955 ZZZ 44, 45, 49, 50 417-020 103 16-3955 ZZZ 44, 45, 49, 50 417-020 103 16-3955 ZZZ 45, 50 427-010 103 19-6000 117 427-015 103 103 10-2000 117 427-015 103 103 10-2000 10-2000	10-2711 ZZZ		401-130	103
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BALBOA WATER GROUP LIMITED WARRANTY

Balboa Water Group, a Delaware corporation, and its affiliated entities (collectively "BWG," as defined below), warrants to trade purchasers of its products that the products will be free from defects in workmanship and material under normal use and conditions for a specified length of time as outlined below. BWG reserves the sole authority to make any type of warranty or representation concerning our products. BWG will not be responsible for any warranty or representation made by any outside source, including dealers, distributors, retailers, contractors or OEMs.

LIMITED PRODUCT WARRANTY

Subject to the limitations set forth below, BWG warrants that its products will be free of defects in material and workmanship under normal use. All products or components thereof purchased by BWG from a third party for resale to purchaser shall carry only the warranty extended by the original manufacturer.

LISE OF INSTRUCTIONS

Purchaser should carefully read the instructions supplied prior to installing or using the product. If purchaser does not have the instructions, please request them from customer service, at the numbers provided. Products are to be operated only in accordance with the instructions provided. The warranty is void if the product is used in a manner not in accordance with the instructions.

WARRANTY COVERAGE

If a product proves to be defective in material or workmanship during the applicable warranty period then BWG will, at its sole option, either repair or replace the product with like product. Purchaser shall pay all disassembly, removal, refitting and installation costs. Replacement product may include remanufactured or refurbished parts or components. Replacement product may include an appropriate substitute product. All warranty claims must be applied for within sixty-days (60) from when the defect becomes known.

WARRANTY PERIOD

Refer to Appendix A labeled "Product Warranty" to find the warranty time period applicable to each product category or family.

WARRANTY PROCESS

Any warranty claim must be processed with BWG only by the trade purchaser (manufacturer or distributor) who originally purchased the products from BWG. See "How to Get Service" below for further details.

WARRANTY EXCLUSIONS

This warranty does not extend to and is void for any products that have been subjected to: Improper installation or storage; Improper maintenance; Repairs or alterations not authorized or performed by BWG; Accident, damage, abuse, misuse or problems with electrical power; Abnormal or unusual operating conditions or applications; Use not in accordance with product instructions for intended purposes, or use beyond rated capacity, or use in non-residential applications or multi-tenant residential common area applications of more than eight units; A purpose or application in any way different from that for which products were designed; Color variations within a product line or material are common within the industry, and are not the responsibility of BWG. BWG does not warrant any product returned due to mismatching of a color to a particular line or material for which the color was selected.

SPARE PARTS AND TECHNICAL ADVICE

Spare parts are usually stocked by BWG for a reasonable amount of time following the last production run of the product in question. BWG does not warrant that spare parts will be made available for the duration of the warranty coverage or any other specific period of time, and reserves the right to cease supplying spare parts or providing facilities for the repair of spare parts in its discretion. Any technical advice or assistance furnished by BWG with respect to its products covered by this warranty shall be furnished without charge and will be given and accepted at purchaser's sole risk.

HOW TO GET SERVICE

Products cannot be returned to BWG without prior approval and a return authorization number that must be applied on all shipping documents and boxes. Shipments must be via pre-paid freight to the location specified by BWG.

To start the warranty process, please contact a customer service representative at the numbers provided. You will need to provide the following: The product, Confirmation, in writing, specifying the nature of the claim, Proof of the date of original purchase, Full contact details, including name and address, The serial number, if applicable, Freight is at sender's expense unless otherwise authorized by BWG. A \$50 USD/ 40EUR hourly fee plus reimbursement of all shipping expenses, if applicable, will be charged to purchaser for any merchandise returned for inspection that does not reveal defects of material or workmanship.

LIMITATION OF WARRANTIES

BWG'S SOLE RESPONSIBILITY FOR DEFECTS IN MATERIALS AND WORKMANSHIP IS STRICTLY LIMITED TO REPAIR OR REPLACEMENT AS SET FORTH IN THIS WARRANTY STATEMENT. BWG EXPRESSLY DISCLAIMS AND EXCLUDES ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCTS, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT WARRANTIES, AND SPECIFICALLY DISCLAIMS ALL LIABILITIES TO THIRD PARTIES. In no event shall BWG be liable to purchaser for any amounts in excess of the purchase price paid for the individual product which is the subject of the cause of action.

EXCLUSION OF DAMAGES

This is BWG's sole and exclusive warranty and supersedes and replaces all other warranties, written or oral, express or implied. BWG will not be liable for any loss, liability, damage, expense, cost or obligation, whether direct or indirect, including but not limited to water damages, removal and replacement labor, damages due to delay in performance, property loss, injury, death or any other consequential, incidental, special or punitive damages of any type, resulting from the purchase or use of its products, and purchaser assumes all such risks and shall indemnify, defend and hold BWG harmless from all such risks and shall carry adequate insurance against all such risks. The term "consequential damages" shall include, but not be limited to, loss of anticipated profits, business interruption, lose of use of revenue, cost of capital or loss or damage to property or equipment. Further, BWG does not assume liability for defective products or software or damage caused by defective products or software not manufactured or sold by it even though such products or software may be used in conjunction with BWG's products. This warranty is NOT a consumer warranty, is not transferable or assignable (by operation of law or otherwise), and does not extend to anyone other than those who purchase products directly from BWG.

GOVERNING LAWS AND VENUES

For products shipped from the United States, this warranty will be interpreted and enforced in accordance with the laws of the State of California regardless of any choice of law principles and excluding the application of the United Nations Convention on Contracts for the International Sale of Goods and INCOTERMS 2000. The parties will submit any dispute or claim arising under or relating to this warranty to the exclusive jurisdiction of the U.S. federal or California state courts within the County of Orange, State of California, and the parties hereby submit to, and waive any objection to, personal jurisdiction and venue in such courts for such purpose. For products shipped from Denmark, this warranty shall be governed by, interpreted under, and construed and enforced in accordance with the normal rules of Danish law, excluding, without limitation, the application of the United Nations Convention on Contracts for the International Sale of Goods, and any and all disputes shall be heard solely by Esbjerg Court, Denmark. For products shipped from Australia, this shall be governed by, interpreted under, and construed and enforced in accordance with the internal laws of the Province of Victoria of Australia excluding, without limitation, the application of the United Nations Convention on Contracts for the International Sale of Goods, and any and all disputes shall be heard solely by the provincial court located in Melbourne, Australia. If any provision of this warranty is found by a court of competent jurisdiction to be unenforceable, that provision will be severed and the remainder of this warranty will continue in full force and effect.

DEFINITIONS

As used herein BWG is comprised of the following affiliated entities and divisions: Balboa Water Group, a Delaware corporation; Balboa Instruments, Inc., a California corporation; HydroAir; HydroAir; International; and GG Industries.



APPENDIX A PRODUCT WARRANTY

Specific Product Warranty
Warranty applies to residential applications only

Covered Product	Limited Warranty Period	Exceptions		
Spa Electronic Systems: EL,GL,VS,GS	1 Year From Date of Manufacture	Heaters are warranted as a complete heater unit. Removal of the heater element from the heater tube, probes, sensors or altering any component at any time		
All other systems and components when sold separately and all other items not listed. This includes bath controls, topsides, heaters, and related components.	1 Year From Date of Manufacture	before returning to BWG voids the warranty.		
Spa Control Panels: ML, VL, Auxiliary	1 Year	s From Date of Manufacture		
Ozone Generators:	1 Year From Date of Manufacture			
Accessories: All other products including spa accessories, wireless panels, pressure switches, misc. components, spa monitor, Mighty-Vac, lighting, stereo and accessories, etc.	1 Year From Date of Manufacture	Batteries		
Plastic Fittings and components:	1 Year from Date of Purchase			
Blowers & Vacs:	1 Year From Date of Manufacture	If pipe is glued to the base of the Blower, warranty will be voided.		
Pumps:	1 Year From Date of Manufacture Label Program	56 Frame Spa pumps 3 years from date of motor manufacture		
Circuit Boards: Repaired out of warranty circuit board	90 days	From date of repair		
Circuit Boards: Sold used and reconditioned circuit boards	90 days	From date of shipment		

Balboa Water Group World-Wide

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