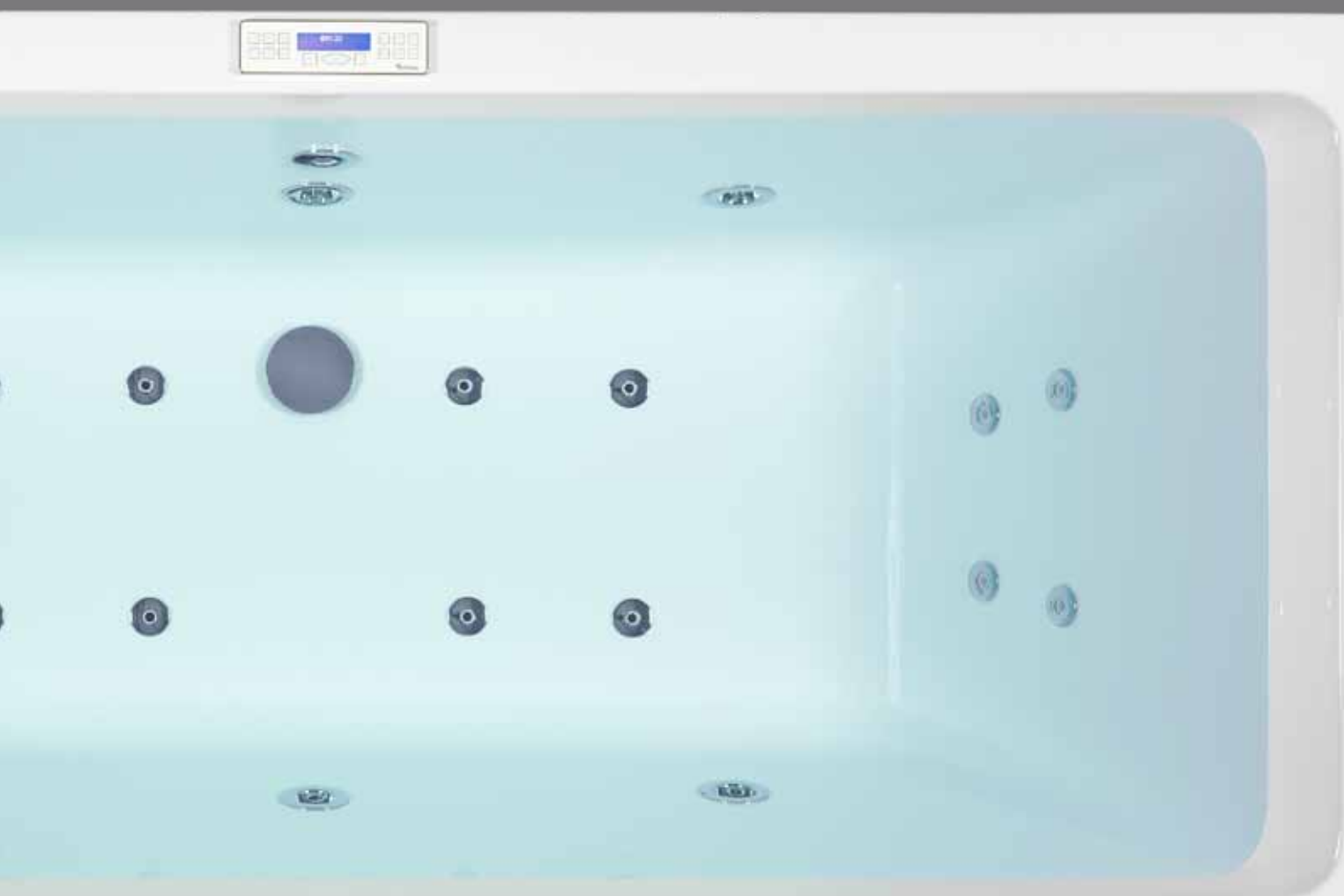




Whirlpools
for a new generation



The whirlpool technology takes a significant **STEP FORWARD**



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The Cyrba story

In year 2006 we had had enough. By then we had worked together at the big whirlpool manufacturer for more than 20 years. Sales were good and time at work went by fast. Still something was missing. The products and the making of them could be so much better. We had to do something about it. We acted through a new company and new people - Cyrba was born.

1. It started with the glue. To make sure there is no water drainage between hoses and couplings, a glue very harmful to people is being used. We were not directly suffering but some of our colleagues got malicious illnesses. This simply could not be a working environment for the 21st century. We created a system without glue. It also has the huge advantage that you do not have to wait for the glue to harden. The assembly of tubs and services is made so much faster and easier.

2. When we were adjusting hose and couplings next thought struck us: Do we really need to use the common hose made of PVC? At a high temperature (as in whirlpools) it releases high doses of phthalates. This can affect fertility in a very hurtful way. We certainly do not want to have that on our conscience. Out goes PVC - in comes environmentally friendly hose, which is being used in the food industry.



3. The noise. We had to do something about the single biggest complaint among whirlpool users. With more sophisticated hose and couplings, minimizing turbulence we were on our way. But we simply had to come up with a different idea than the standard system with the three-way valve and still have all functions intact. Our solution is regulating valves that are controlled by an electronic box. In addition we excluded the blower, instead we use air injection.



Prototyping in our development workshop

4. American Legion is an organization for American war veterans, who have had the doubtful honor of giving name to the difficult disease Legion fever. It all happened in year 1976 when they had a convent in Philadelphia at a hotel where water had been left in the pipes and the Legionella bacterium developed. Many of the people at the convent got ill and died at the return home from the convent. It is difficult to make sure that a conventional whirlpool is completely drained. Our solution makes sure there is no water left in the hoses and couplings, the whole system is drained 100% through an electronic pop up.



5. We love to be contrarian. Why not do it in another fashion? Traditional overflow protection is impractical and not so esthetic. Also in this case our solution is electronic. With the help of an "invisible" level sensor our pop-up is open automatically when the water level gets too high.



6. All these knobs and on/off switches! Consumers were complaining. We developed a electronic system that eliminate all the manual knobs and switches. With advanced software we could design massage programs that in sequences delivers true massage for the body. We do not build traditional whirlpools - we make true massage whirlpools.



7. The noise again. Can we take it one step further? Sure we can. We came up with a solution using a frequency inverter with a new technology. Our frequency inverter lowers the noise level of the pump. The pump is now more silent then ever before. A new era has begun in the bathroom - the era of silence.



8. Behind the creation of Cyrba's whirlpool system there is a dedicated work by some of Sweden's finest production managers and engineers. They do not put their good name and reputation at stake for just second best. The heaters in the market was evaluated but was not up to our standard. What was the solution? - To construct one of our own of course! All Cyrba's electronic components are certified and comply with highest Swedish and European standards.



We invite you to dig deeper into our catalogue for more details. If you are passing us by in Hyssna, Sweden do not hesitate to knock on our door - we love to tell you more.



Cyrba sale team at the ISH fair

There are many reasons for choosing **CYRBA** as your supplier

Benefits for you as a merchant

Quality

Cyrba offer high quality whirlpools, customized to your needs and desires. Our system and components is developed by Swedish engineers with over 20 years professional experience of water flow technique, whirlpool- and software development. Our products meet all applicable directives and standards. The products are CE marked and approved by SP (Technical Research Institute of Sweden).

Production close to your market

Cyrba headquarter and production is situated in Hyssna, Sweden about 30 minutes drive east of Gothenburg. Partnering with us will enable you to have production close to your market. There are many advantages with this such as:

- better logistics
- better communications
- easier to maintain a high service level

Production based on end costumer order

We take care of a large part of your distribution in an efficient way. In many cases we can deliver straight from our factory to the end consumer. The advantages to you are obvious:

- lower capital cost on inventory
- less handling of goods
- less space needed for inventory

Benefits for the end consumer

Minimalistic Design

Cyrba's innovative functions enable a minimalistic design whirlpool. All manual knobs, the overfill hole and the traditional suction is now history.

True Silence

Thanks to our streamlined couplings, unique hose and patented technology, Cyrba enable a true silent massage experience.

Massage Programs

With a push of a button, it is possible to enjoy highly advanced massage programs in alternating and pulsating sequences. Lean back, relax and enjoy a real massage treatment.

Minimalistic Design &

Cyrba system is based on more than 20 years of experience and knowledge about whirlpool consumer's needs and wants. The system offers many unique and innovative functions that respond to the consumer needs. Some of the most frequent complaints about traditional whirlpools are the noise level, the hygiene and that the system is complicated to control. We also know that the design plays a huge part of the consumer's purchasing decision. Below are Cyrba's key functions to meet up with consumer needs.

Innovative Functions

Fresh & clean bath water

Cyrba system is 100% drainable, even without the use of a blower. The system is built without glue and silicone and we use a hose that is bacteria resistant. In addition, our system is free from Phthalates. Together, this makes the bath water cleaner and more hygienic than ever before.

Safety

The system is automatically checked for error over 10 times per second. If a problem occurs, the system will indicate it. If it is serious, the system will automatically shut down itself or the part that indicates an error. In case that something gets stuck in the suction (pop up), the pump will automatically stop and the item can be removed. In the event of a power cut, the pop up will open automatically to prevent an overflow situation.

Quality

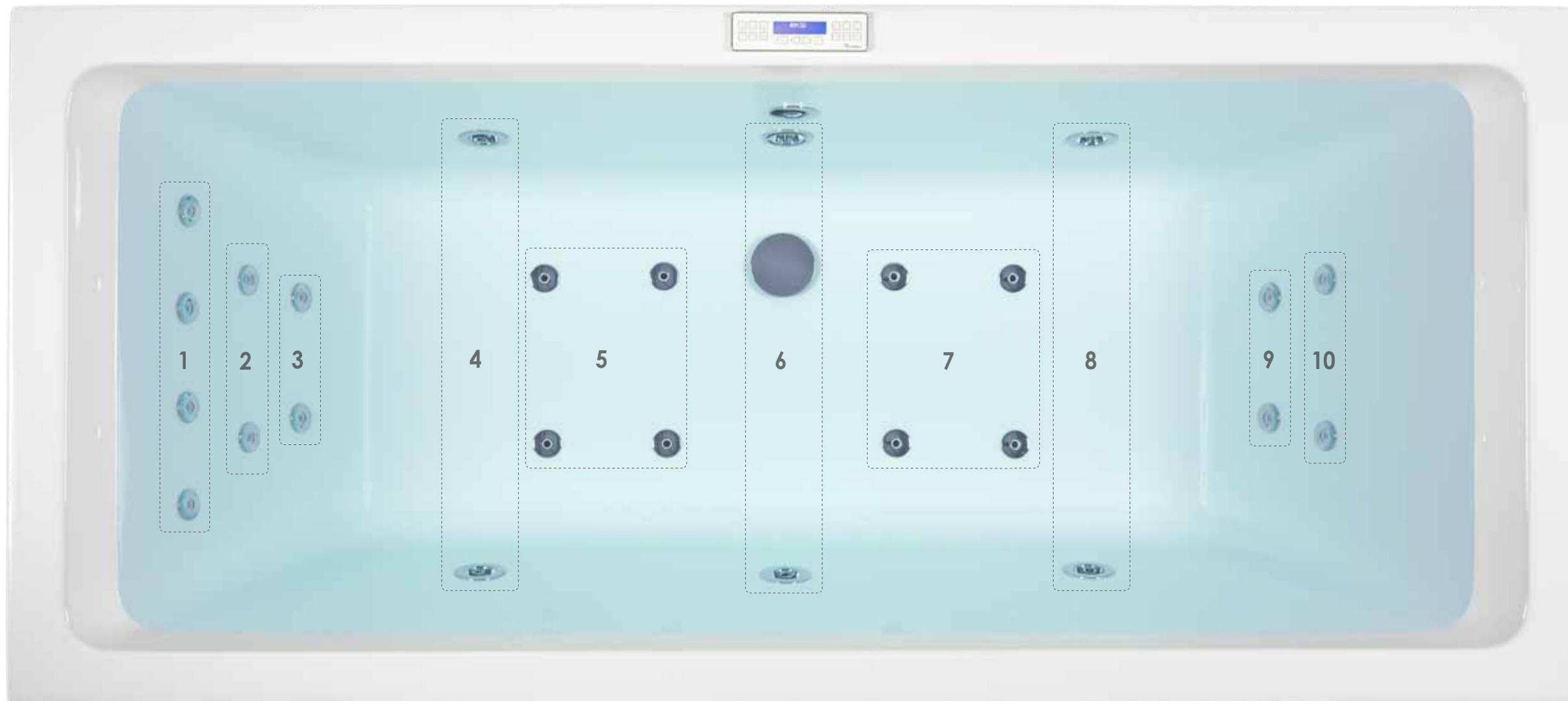
Our products meet all applicable directives and standards. All system components are tested and approved by SP (Swedish National Testing and Research). The electronics are designed and manufactured in Sweden. All plastics (ABS) are supplied by BASF, which is known for its high quality.

Massage programs & zone massage

The jets can be divided into different massage zones, where each zone is controlled electronically. The zones can be activated manually or in different sequences in the form of a massage program. In combination with our patented frequency inverter, it is also possible to have a pulsating massage. The picture shows a whirlpool divided into 10 massage zones.

Silent & adjustable water massage

Cyrba's revolutionary frequency inverter reduces the noise level of the pump considerably. The water pressure can be adjusted manually, or automatically with a massage program. In combination with the regulating valves, it enables a true silent, yet effective massage experience.



No manual knobs - minimalistic design

Cyrba system is 100% electronically controlled without manual knobs. This offers a user-friendly system with a minimalistic design, that is easy to keep clean.

Bottom system with silent water- & air massage

With Cyrba system, there is no need to include a loud blower in the system. With our unique hose system, it is possible to have water jets with air injection in the bottom of the bath. This provides a better, hotter and much more silent massage experience.

Pop up with integrated suction & overflow protection

Cyrba system does not have any visible overflow protection or suction. All this is elegantly built into our pop up. In addition, we have excluded the manual knob to open/close the pop up, instead, it is electronically controlled by a push of a button.



True SILENCE

Cyrba system offer a true silent massage experience. Our system is developed to minimize turbulence and disturbing noise. All jets and couplings are designed and constructed after careful flow calculations. Our hose has a completely smooth surface which will minimize turbulence compared to a traditional PVC hose.

Cyrba's frequency inverter with patented technology lowers the noise level considerably and makes it possible to adjust the speed of the pump. The frequency inverter controls the speed of the pump down to 20% capacity without harming the pump. It helps the pump to reduce vibrations, run smoother and therefore more silent.

The frequency inverter in combination with our massage programs enables a true silent, yet effective water massage. In an alternating massage program only a few jets are open at the same time. It is therefore possible to reduce the speed of the pump and therefore the noise level. At the same time the water pressure is maintained.

In our silent water system we use water with air injection even in the bottom system, this way we can exclude the noisy blower and get a more silent massage.

Cyrba system is completely electronically controlled, it is therefore possible to exclude the traditional three way valve and the slurping noise it makes. Instead we use electronic regulating valves to direct air and water.

Massage programs

Cyrba's revolutionary massage system provides an outstanding comfortable and relaxing water massage. The system offers zone controlled massage programs in alternating and pulsating sequences. This combination gives an outstanding massage experience that can be compared to a real massage treatment.

To operate the massage system, we use two types of electronic regulating valves that control the air and water flow in the system. With a touch of a button you can control which valve that should open or close. The regulating valves can also be programmed to open or close in time sequences, this way it is possible to create pre set massage programs. In combination with Cyrba's frequency Inverter with patented technology it is also possible to create the pulsating effect.

The system can be equipped with up to 22 regulating valves. Picture 1.1 illustrates a whirlpool divided in 10 massage zones, where each zone is controlled by regulating valves.

Each button on the control panel can activate one or several zones at the same time. The panel below shows an example how the zones can be controlled.



The colour, design and number of buttons can be changed according to your demands.



& zone massage

Example of possible massage programs

Example - Back Massage; the program moves the water between zone 1, 2 and 3. First activates the jets in zone 1 for five seconds, then the jets in zone 2 for five seconds and after that the jets in zone 3 for five seconds.

Full Body Massage - 10 zones

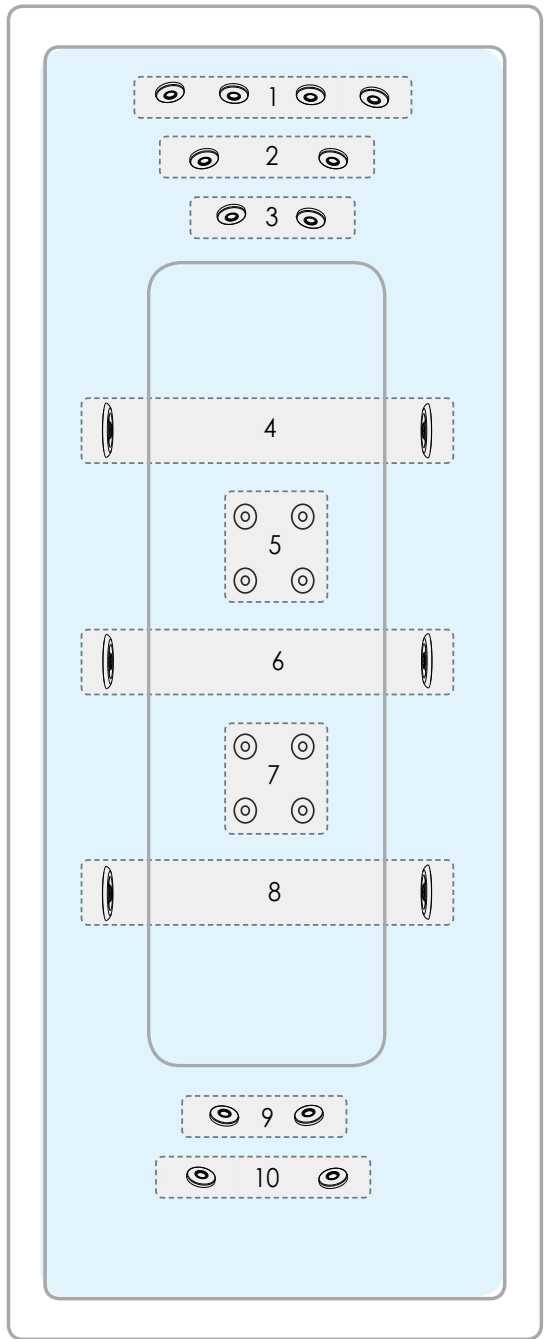
Sequence	Zone	Time
1	Zone 1	5 sec.
2	Zone 2	5 sec.
3	Zone 3	5 sec.
4	Zone 4	5 sek.
5	Zone 5	5 sec.
6	Zone 6	5 sec.
7	Zone 7	5 sec.
8	Zone 8	5 sec.
9	Zone 9	5 sec.
10	Zone 10	5 sec.

Back Massage

Sequence	Zone	Time
1	Zone 1	5 sec.
2	Zone 2	5 sec.
3	Zone 3	5 sec.

Side Massage

Sequence	Zone	Time
1	Zone 4	5 sec.
2	Zone 6	5 sec.
3	Zone 8	5 sec.



Picture 1.1

Components Of Highest Quality

Cyrba offer a unique and totally revolutionary whirlpool system. The system is based on carefully developed components of highest quality, combined with the latest technology.

Electronic System

Cyrba's electronic system is software-controlled. This enables function such as; CIP safety system with automatic search for errors, electronic pop up with automatic overfill protection, massage programs, and the possibility to upgrade our components by entering a code.



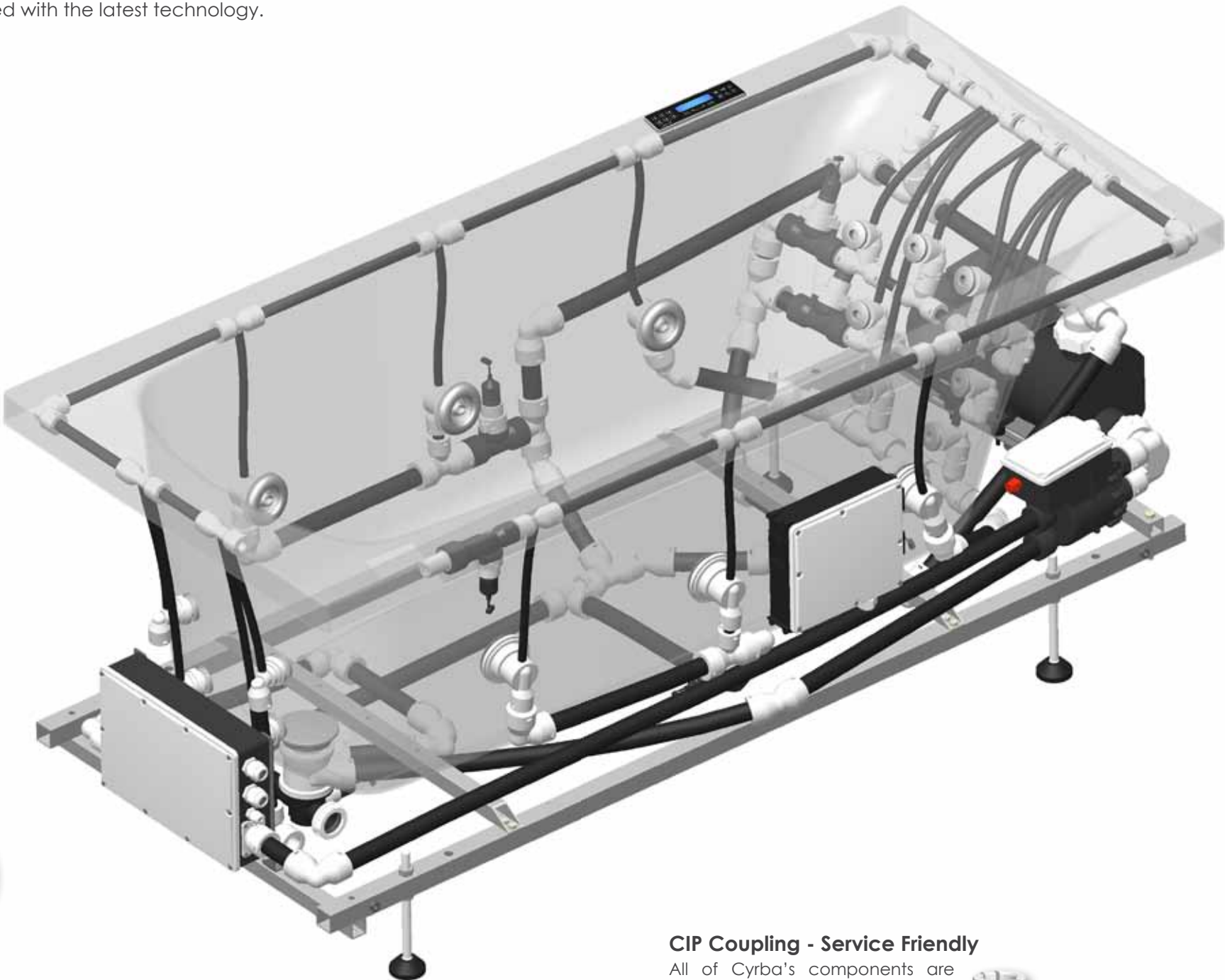
Electronic Regulating Valves

Two types of regulating valves control the direction of water and air in the system. By a touch of a button it is possible to control which jet that should open or close. Each valve can control one or several jets at the same time. The regulating valves can also open and close in time sequences, this enables our unique massage programs.



Frequency Inverter

Cyrba's frequency Inverter with patented technology lowers the noise level considerably and makes it possible to adjust the speed of the pump. The frequency inverter controls the speed of the pump down to 20% capacity without harming the pump. It also makes it possible to create massage programs with a pulsating effect.



CIP Coupling - Service Friendly

All of Cyrba's components are equipped with our glue free quick connection - CIP Coupling. The coupling offers a reliable, quick and easy assemble, and the system can be tested directly after assembly. The CIP Coupling can easily be dissembled with the use of a service tool.



100% Drained

Cyrba's jets and couplings and the way to assemble the system are designed to be drained to 100%. The drainage is constructed to make the water flow downwards and the whole system is leaning down towards the pop up.

Hose

The hose is produced in Sweden and is made of refined polyamide, free from PVC and phthalates. The hose is bacteria resistant (the same hose are used in the food industry). It has a completely smooth surface inside which minimize turbulence and thereby increase the flow.



Electronic Pop Up

Cyrba's unique electronically controlled pop up, has integrated safety suction and overfill protection. In addition it eliminates the manual knob, that traditionally being used to open/close the pop up. The integrated overfill protection operates with a level sensor that ensures a maximum water level. If the water raise above the level sensor the pop up will automatically open and drain to the given level. The integrated suction makes it possible to exlude the traditional suction. This gives a more elegant and minimalistic design. The safety system makes even sure that the pop up opens in case of a power cut.



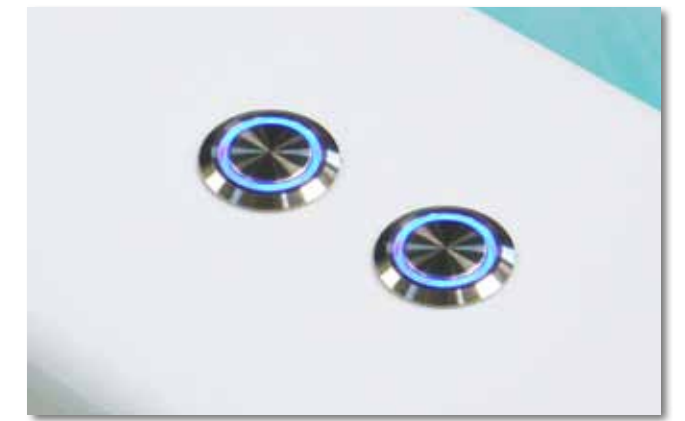
Whirlpool assortment according to your demands!

Cyrba can set up a whirlpool assortment according to your company needs. On the following pages we show some examples of system configurations.

Electronic Pop-Up & Light Therapy

Features

- Electronic pop-up with integrated overfill protection
- Electronic water level control
- Light therapy with 5 programs
- 2 Buttons with integrated LED light



The LED buttons are available with blue and white light as standard. The buttons can also be ordered with green, yellow or red light and with symbols which are either etched to the surface or illuminated from below with the same LED colour.



Whirl System 1

Features

- Electronic pop-up with integrated overflow protection and safety suction
- Electronic water level control
- 2 Buttons with integrated LED light
- Side massage - 4 main jets
- Back massage - 4 mini jets
- 1100 W water pump



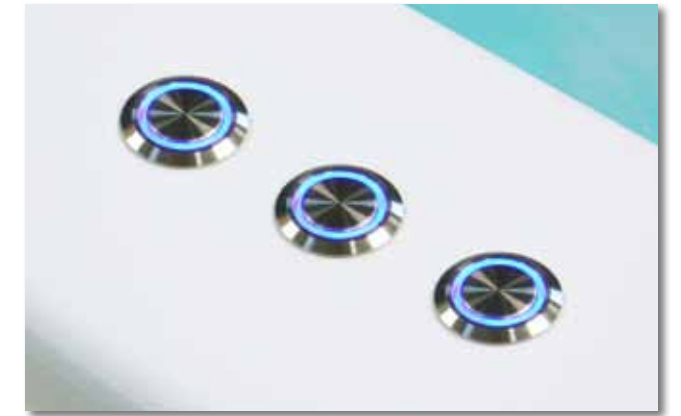
The LED buttons are available with blue and white light as standard. The buttons can also be ordered with green, yellow or red light and with symbols which are either etched to the surface or illuminated from below with the same LED colour.



Whirl System 2

Features

- Electronic pop-up with integrated overflow protection and safety suction
- Electronic water level control
- Light therapy with 5 programs
- 3 Buttons with integrated LED light
- Side massage - 4 main jets
- Back massage - 4 mini jets
- Foot massage - 2 mini jets
- 1100 W water pump



The LED buttons are available with blue and white light as standard. The buttons can also be ordered with green, yellow or red light and with symbols which are either etched to the surface or illuminated from below with the same LED colour.



Whirl System 3

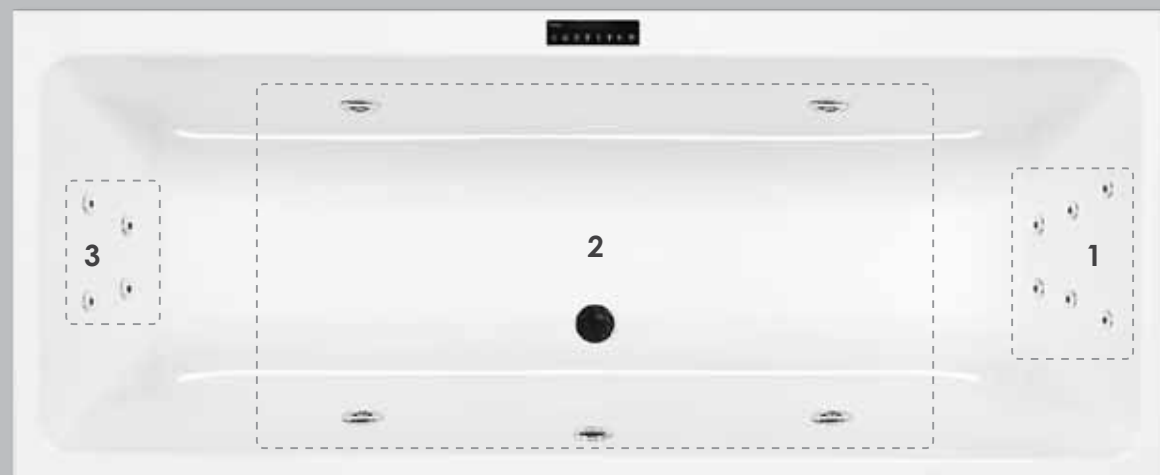
Features

- Electronic pop-up with integrated overfill protection and safety suction
- Electronic water level control
- Light therapy with 5 programs
- Electronic control panel with integrated LED light
- Electronic jet control - 3 zones
- 2 massage programs (see example below)
- Electronic air injection
- Side massage - 4 main jets
- Back massage - 6 mini jets
- Foot massage - 4 mini jets
- 1100 W water pump



The colour, design and number of buttons can be changed according to your demands.

Each button has an integrated LED that indicates if the feature is active.



This system is divided in three different massage zones where each zone can be controlled individually with a touch of a button.

Zones and massage programs can be created and modified according to your demands.

Exampel of massage programs

Massage program 1

Sequence	Zone	Time
1	Zone 1	6 sec.
2	Zone 2	6 sec.
3	Zone 3	6 sec.

Massage program 2

Sequence	Zone	Time
1	Zone 1	6 sec.
3	Zone 3	6 sec.

Whirl System 4

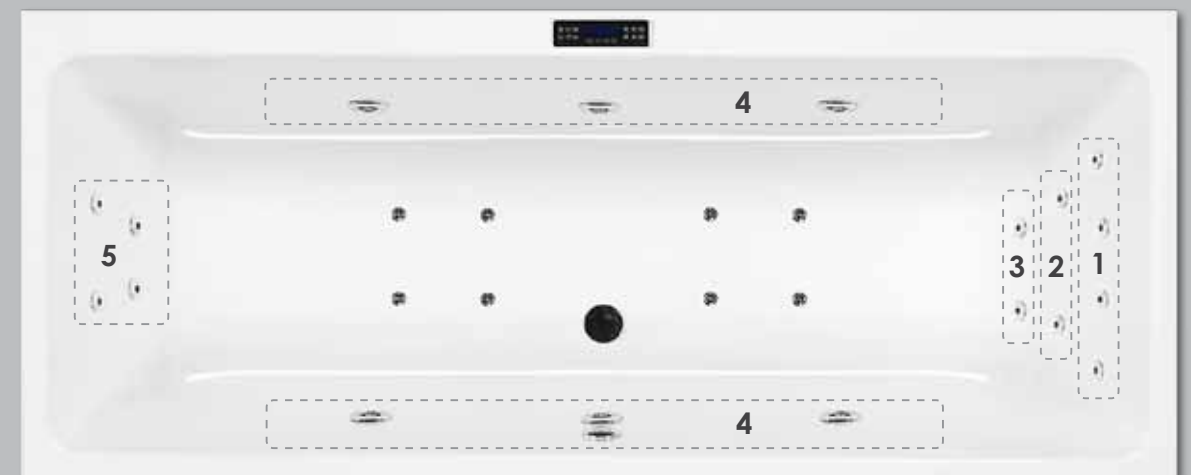
Features

- Electronic pop-up with integrated overfill protection and safety suction
- Electronic water level control
- Light therapy with 12 programs
- Electronic control panel with LCD display
- Electronic jet control - 5 zones
- 6 massage programs (see example below)
- Electronic air injection
- Side massage - 6 main jets
- Back massage - 8 mini jets
- Foot massage - 4 mini jets
- Bottom massage - 8 air jets
- 1100 W water pump
- 400 W air blower with adjustable speed



The colour, design and number of buttons can be changed according to your demands.

The control panel is equipped with a 60x15 mm blue LCD display with white text. The text can be displayed in most languages.



This system is divided in five different massage zones where each zone can be controlled individually with a touch of a button.

Zones and massage programs can be created and modified according to your demands.

Exampel of massage programs

Massage program 1

Sequence	Zone	Time
1	Zone 1	6 sec.
2	Zone 2	6 sec.
3	Zone 3	6 sec.

Massage program 2

Sequence	Zone	Time
1	Zone 1	6 sec.
2	Zone 2	6 sec.
3	Zone 3	6 sec.
4	Zone 4	6 sec.
5	Zone 5	6 sec.

Tub Examples



Quantum Duo

With: 80 cm
 Length: 180 cm
 Depth: 44 cm
 Volume: 230 L



Quantum Single Ended

With: 75 cm
 Length: 160 cm
 Depth: 41 cm
 Volume: 213 L



Omega

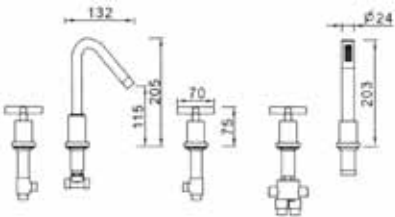
With: 100 cm
 Length: 170 cm
 Depth: 45 cm
 Volume: 255 L



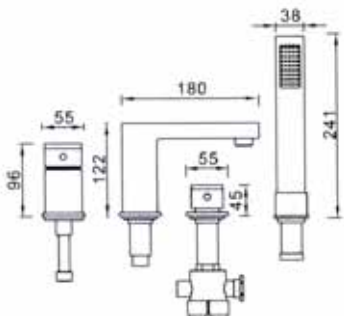
Tranquility

With: 140 cm
 Length: 140 cm
 Depth: 45 cm
 Volume: 295 L

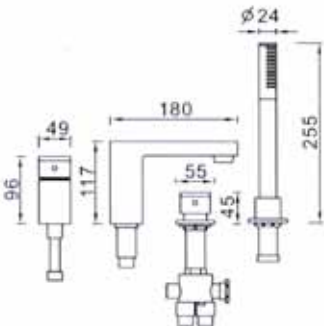
Mixer Examples



Square



Round



There are many
reasons for
choosing **CYRBA**
as your supplier



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