

Pure Freude  
an Wasser

GROHE  


# SENSIA ARENA

GROHE | MASTERS OF TECHNOLOGY

# MOT'S AND FEATURES

# GROHE SENSIA ARENA

## PRODUCT FEATURES AND THE CUSTOMER BENEFIT



- 01 PERFECT CLEANING** with a selection of usable diverse spray modes and unlimited hot water
- 02 SELF-CLEANING, ULTIMATE HYGIENE** with self-cleaning shower arms, modern non-stick coating and antibacterial glaze
- 03 PERSONAL COMFORT** with features as odor extraction, dryer and night light

# GROHE SENSIA ARENA

## PRODUCT FEATURES FOR PERFECT CLEANING



<b>01 PERFECT CLEANING</b>		
	Feminine Shower	●
	Twin shower arm	●
	Oscillating spray	●
	Massage spray	●
	Shower spray	●
	Shower spray soft	●
	Adjustable water temperature	●
	Adjustable spray pressure	●
	Adjustable shower arm	

### ***SHOWER SPRAY***

Warm or cold, hard or soft; the shower arm is adjustable for precise and ultimate cleaning. Choose between the vigorous shower spray and a softer setting for a pleasant hygienic clean.

### ***FEMININE SPRAY***

Separate shower arm is used so that the feminine spray offers matching angle with a gentler and wider beam

### ***TWIN SHOWER ARM***

With two separate shower arms for shower & feminine spray ensures that both shower arms are adjusted as required for a perfect hygiene.

### ***OSCILLATING –SPRAY***

The spray arm moves as desired slow or fast, back and forth to enlarge the range of purification and to ensure greater freshness.

### ***MASSAGE-SPRAY***

The shower spray can be adjusted to a constant change between gentle and strong jets to achieve a soothing, relaxing massage effect

# GROHE SENSIA ARENA

## ADJUSTABLE SPRAY PRESSURE AND TEMPERATURE



### SPRAY PRESSURE

- Adjustable in 6 steps
- Flow rate is at any level in the range between 0.42 to 0.47 l / min in order to ensure an optimal cleaning in each stage.
- Spray pressure intensity is influenced by the size of the individual drops of water

Step One: fine water droplets for a smooth feeling.

Step Six: large drops of water in combination with fine water drops for a strong sense.

### WATER TEMPERATURE

- in 5 levels adjustable from 32 – 40° C

# GROHE SENSIA ARENA SPRAY TYPES

## SHOWER SPRAY



Single /powerful from out of one nozzle



Wider spray out of five nozzles



## MASSAGE SPRAY



Constantly changes between gentle and strong spray (with shower spray)



## FEMININE SPRAY



Separate shower arm is used so that the feminine spray offers matching angle with a gentler and wider beam



## OSCILLATING SPRAY



The spray arm moves back and forth in 2 selectable speeds (in the shower and feminine spray)



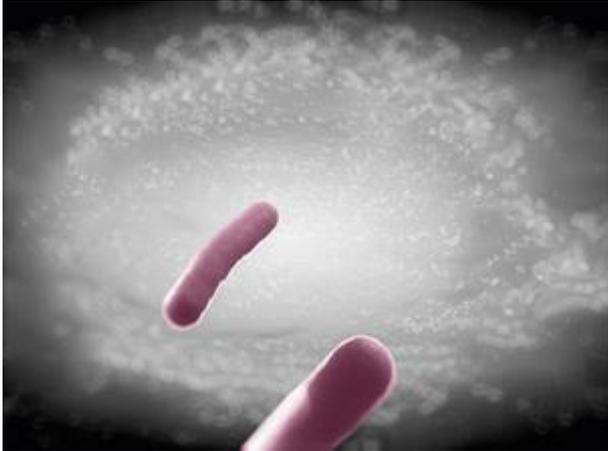
# GROHE SENSIA ARENA

## FEATURES FOR A ULTIMATE HYGIENE

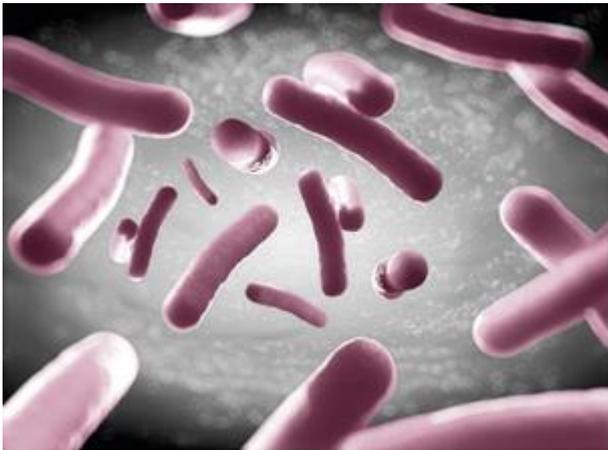


<b>02 ULTIMATIVE HYGIENE</b>		
	HyperClean	●
	AquaCeramics	●
	GROHE PowerFlush Triple Vortex	●
	Rimless toilet bowl	●
	Automatic cleaning	●
	Exchangeable spray head	●
	Anti bacterial pray nozzle	●
	Anti bacterial nozzle guard	●
	Quick release toilet lid	●





with HYPERCLEAN



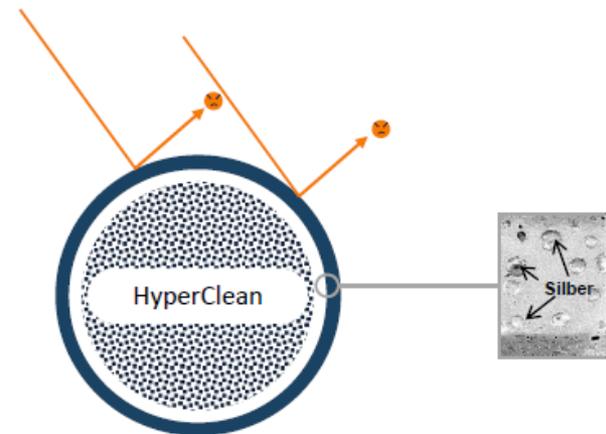
without HYPERCLEAN

### WHAT IS HYPERCLEAN?

- A glaze, which is applied to the ceramics before firing

### WHAT ARE THE ADVANTAGES?

- Antibacterial silver ions in the glaze prevent the implantation of germs and therefore the formation of odors reduces bacterial growth by up to 99%.



# GROHE SENSIA ARENA

## AQUACERAMIC – NON-STICK COATING



with AQUACERAMIC



without AQUACERAMICS



### WHAT IS AQUACERAMIC?

- a coating on the inside of the ceramic which is applied to the glaze after firing Hyperclean
- By a special technology, a permanent connection is achieved with the glaze
- produces an extremely smooth, hydrophilic surface
- hydrophilic means that an extremely thin film of water is forming on the surface

### WHAT ARE THE ADVANTAGES?

- through the thin film of water, the surface is so smooth that no contamination of the ceramic may fix or adhere residues
- Principle water slide: without water film no slipping possible
- Nanotechnology is used in order to prevent lime deposits and to facilitate cleaning
- guarantees together with the Hyperclean glaze over 100 years ultimate hygiene
- simple and efficient cleaning with one rinse



### **WHAT IS TRIPLE VORTEX?**

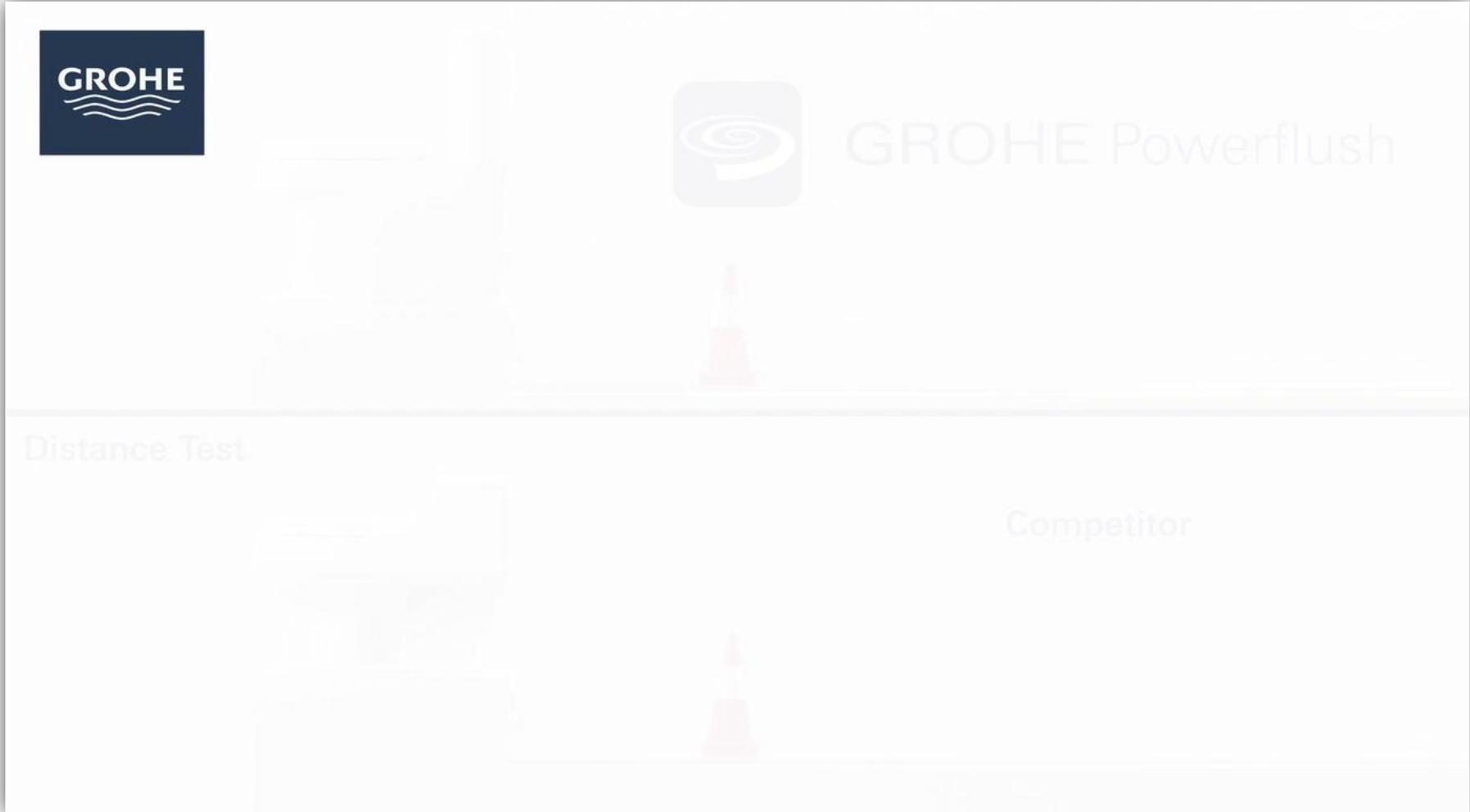
- innovative flushing system with three water feeds: one rear one on the side and one in the field of ceramics siphon
- produces a powerful vortex and suction
- two flush volumes with 5 liters and 3 liters ( full and light flush )

### **WHAT ARE THE ADVANTAGES?**

- complete ceramic surface is thoroughly cleaned
- effective rinsing with the first rinse cycle



# GROHE POWERFLUSH TESTING - DISTANCE TEST





# GROHE POWERFLUSH – BALL TEST (DIN EN 997)



# GROHE SENSIA ARENA RIMLESS WC-CERAMIC

The surface in the rimless WC - ceramic is easy to reach for cleaning. In combination with the Triple Vortex® flushing makes the toilet to the cleanest of its kind.



# GROHE SENSIA ARENA

## ULTIMATE HYGIENE IN DETAIL

### EXCHANGEABLE SPRAY HEAD



The spray arm can be easily replaced.

### ANTI-BACTERIAL NOZZLE GUARD



**SIAA**  
ISO 22196  
for KOHKIN

The spray arms are protected behind a removable 99.9% anti-bacterial nozzle guard for total hygiene.

### ANTI-BACTERIAL SPRAY NOZZLE



**SIAA**  
ISO 22196  
for KOHKIN

Made from 99.9% anti-bacterial material, certified by the SIAA, the spray nozzle stays germ-free at all times.

### AUTOMATIC CLEANING SPRAY NOZZLE



Spray arm heads are cleaned before and after each use.

# GROHE SENSIA ARENA

## PRODUCT FEATURES FOR PERSONAL TAILORED COMFORT



<b>03 PERSONALY SPECIFIC COMFORT</b>		
		●
	Dryer	●
	Odour absorption	●
	Nightlight	●
	Automatic seat open & close	●
	Automatic flush*	●
	Side control panel	●
	Remote control	●
	Save user profiles**	●
	Smart phone APP Android / IOS	●
	Unlimited water	



\*: required accessories : 46 944 000    \*\*: only with Smartphone App

# GROHE SENSIA ARENA FUNCTIONS

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## SMARTPHONE APP



Select and store all your preferred settings to your smart phone with the Spalet App. The app lets you create your ideal spray pattern, pressure and temperature are memorised, meaning you can enjoy your perfect personalised cleaning program.

## REMOTE CONTROL



Control every function of the Grohe Sensia® Arena with the intuitive remote control, which can be wall-mounted within arm's reach. It makes controlling the Grohe Sensia® Arena simple – just select your preferred spray, pressure and water temperature from the easy-to-follow menu.

## SEAT CONTROL PANEL



Within comfortable arm's reach, the side of the Grohe Sensia® Arena has a simple control panel that lets you alter the spray function and adjust the water pressure of your cleaning experience with just a touch.

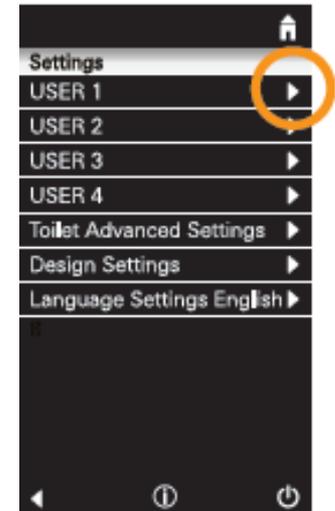
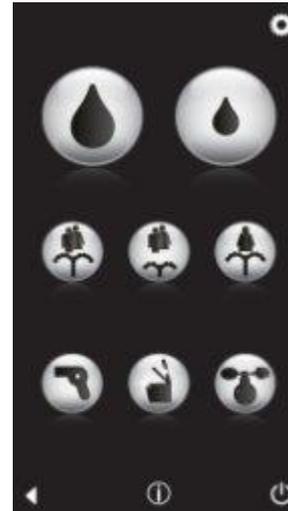
# GROHE SENSIA ARENA

## OPERATION WITH THE SMARTPHONE APP

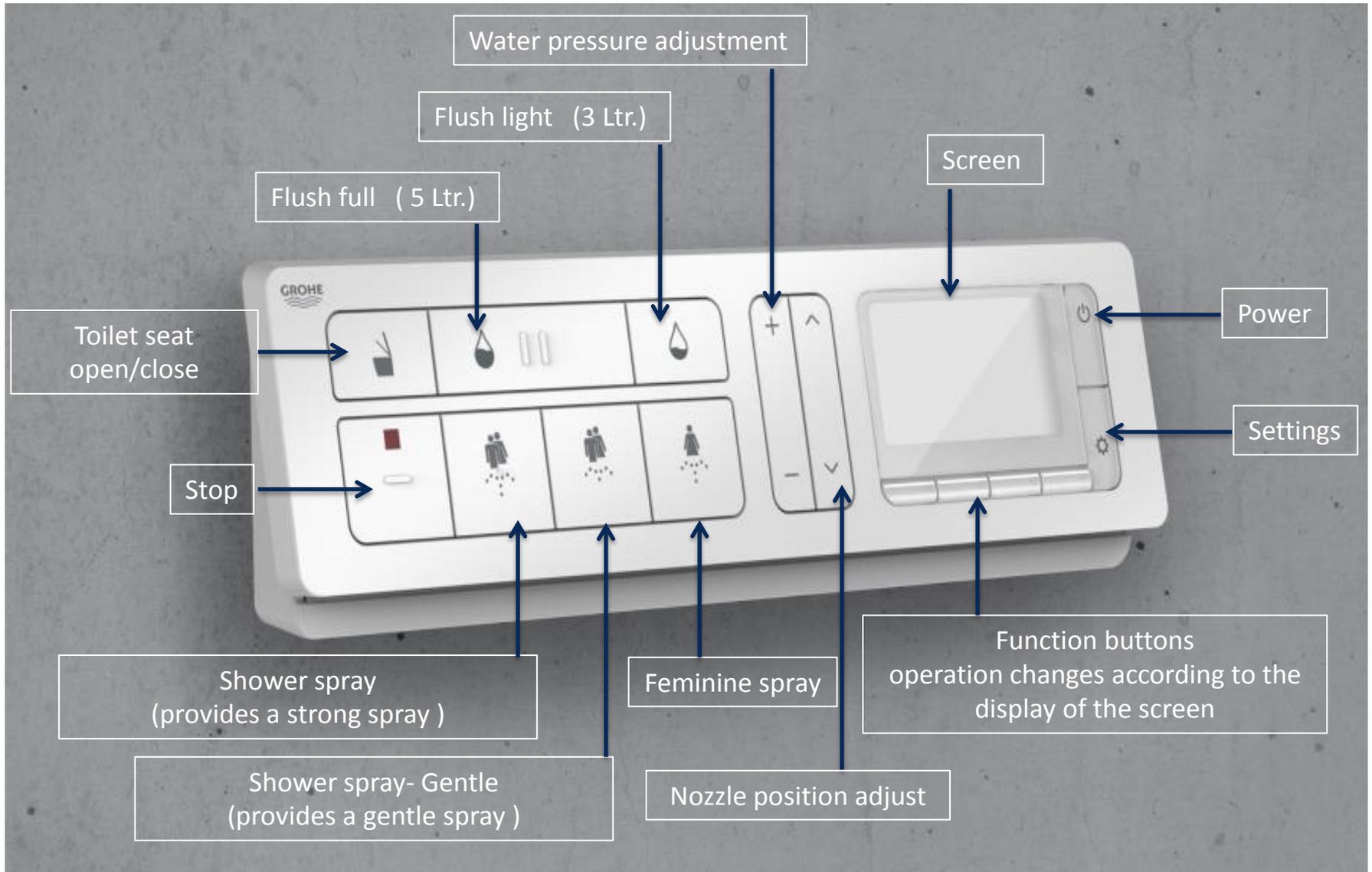


### SMARTPHONE APP

- All functions can be controlled with the APP
- Additionally up to 4 individual user profiles can be created - spray type, radiant intensity and temperature
- Works with IOS and Android smartphones
- Pairing via Bluetooth



# GROHE SENSIA ARENA USING THE REMOTE CONTROL



# GROHE SENSIA ARENA DRYER AND ODOUR EXTRACTION



## **DRYER**

- Warm air - cleans and dries without wiping
- Dryer temperature adjustable: 40° C to max. 55° C
- Dryer strength adjustable in 3 steps

## **ODOUR ABSORPTION**

- Starts automatically when the user is detected
- Firstly, the ventilation forms an air shield and keeps the air and odors in the ceramic. A second fan sucks the air from the interior of the toilet, passes the air through a carbon filter & back into the interior of the toilet
- The integrated carbon filter has a lifetime of 7 years.



← Thermal Sensor  
(range ca. 1,60 m)

### **AUTOMATIC OPENING AND CLOSING**

- A thermal sensor detects the presence of the user and opens the lid automatically
- The lid is automatically closed when the user moves away again from the toilet
- There are 3 basic settings: automatic opening the lid, automatic opening of the seat and lid and OFF
- With the seat function on the remote control, the lid can also be opened and closed.
- The seat and lid can be opened and closed by hand
- This function gives extra hygiene because the seat doesn't have to be touched

### **SOFT CLOSE FUNCTION:**

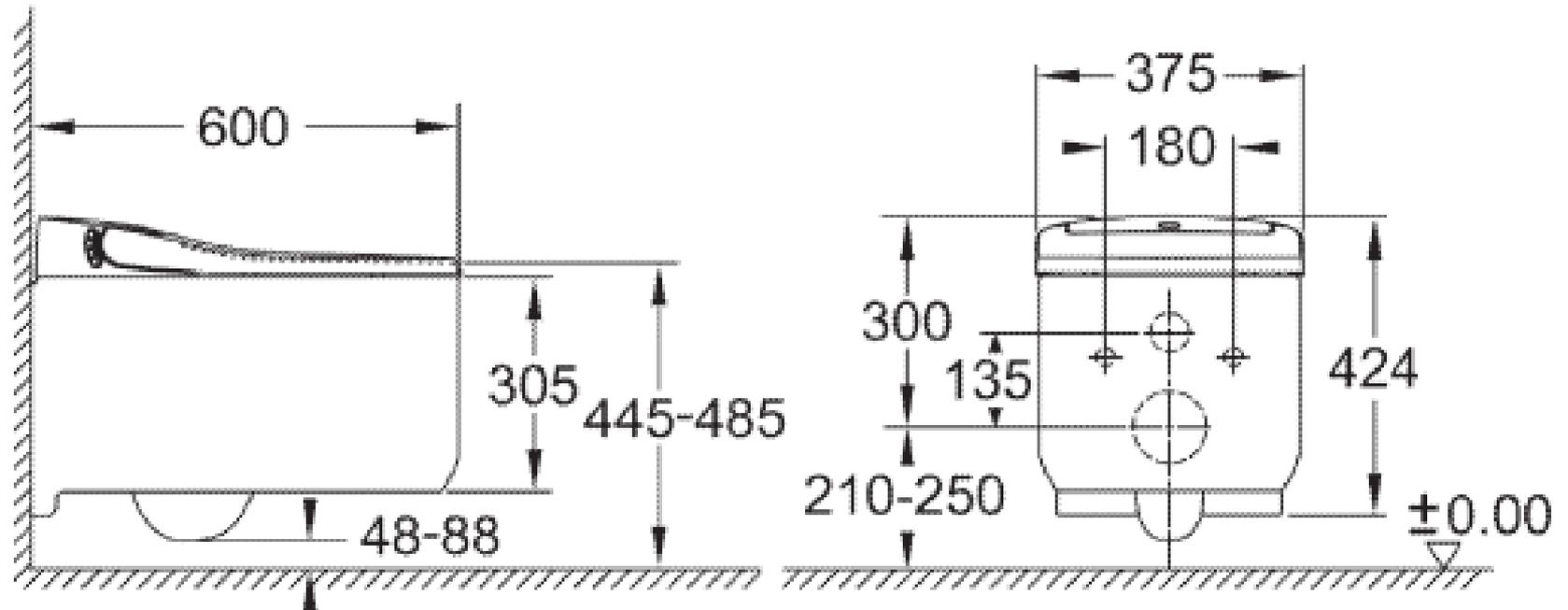
- Both the seat and the lid have a smooth and quiet mechanism ( soft close ) for the automatic closing.



## GROHE Sensia® Arena Technical Data

<b>Consumption</b>	
Flushing water volume Full / Half flush	3L/5L
Energy consumption (stand-by) ( W )	< 0,5 W
Maximum power	
Energy consumption (estimation 4 Person household) <sup>1</sup>	850KW h/YR
Spray water flow rate (rear spray/ Lady shower)	0,4-0,5 (L/min)
<b>Connections</b>	
Water pressure ( bar )	0.5 - 10 bar
Water connection	3/8"
Outlet direction	P(Horizontal)
Power supply ( V AC )	220-240 V
Frequency ( Hz )	50 / 60 HZ
Power outlet required	yes
<b>Comfort</b>	
Water temperature	32° -40 °
Dryer temperature	40° - 55 °
Dryer Air flow rate	18m <sup>3</sup> /h
Odor absorption Air flow rate	2.4m <sup>3</sup> /h
Warm Water Supply	unlimited
Weight ( Kg )	40kg (Product) 50kg (Total package)
<b>Certification</b>	
IP class	IP x4
	DVGW
	EN 1717
	CE

<sup>1</sup>Grohe internal calculation. 4persons / family. Use toilet 16 times total / day.



ANY QUESTIONS?