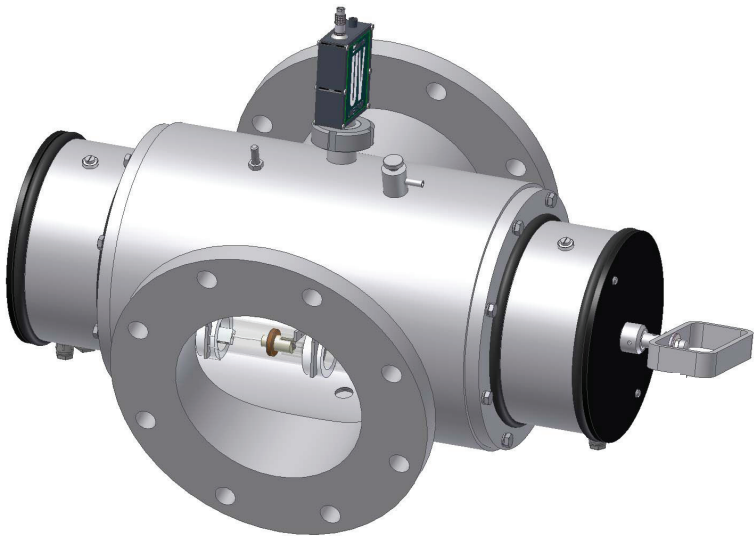


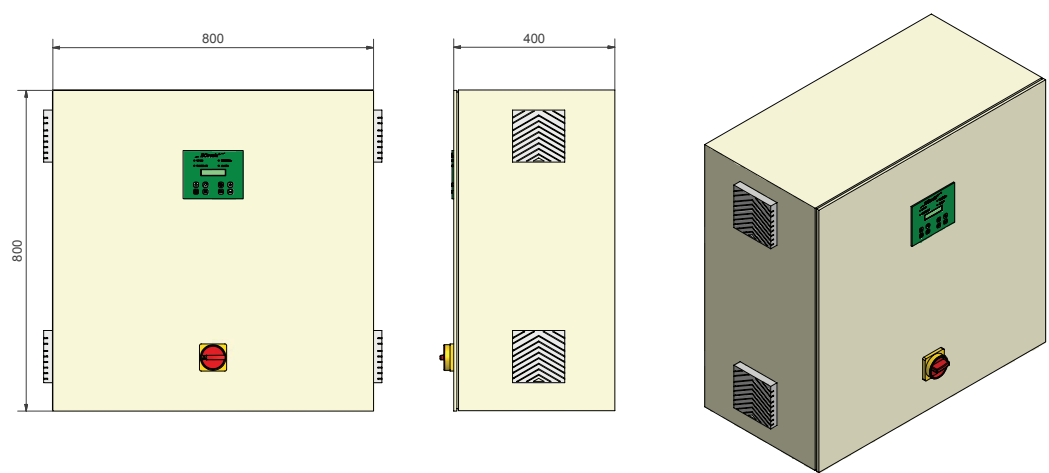
Technical Specifications bersonInLine 450 ST



Specifications:

• Material	:	SS 316L, according to AISI	
• Internal finish	:	Ra _{max} 0.8 µm	
• Connections	:	NW200 DIN2576 PN10	
• Degree of protection	:	IP 54	
• Dimensions H x W x D	:	See layout drawing	
• Weight dry	:	63 kg	- 139 lbs.
• Weight wet	:	85 kg	- 187lbs.
• Lamp type	:	B2020H bersonMultiWave®	
• Number of lamps	:	2	
• PT100	:	yes	
• UV-sensor	:	yes, type UVector MPI	
• Manual cleaning	:	yes	
• Drain tap	:	yes	
• Air relieve valve	:	yes	
• Nominal pressure	:	10 bar	- 145 PSI
• Test pressure	:	15 bar (30 minutes)	- 218 PSI

Technical Specifications besonInLine 450 ST



Specifications:

• Material	: Painted steel		
• Colour	: Ral 7032		
• Degree of protection	: IP 54		
• Dimensions H x W x D	: 800 x 800 x 400 mm	-	31.5 x 31.5 x 8.3 in.
• Weight	: 125 kg	-	276 lbs.
• Cable Cabinet - Chamber	: 5 m	-	16.4 ft.

Electric:

• Voltage	: 400V / 230V 3L+N	-	480V 3L
• Frequency (Hz)	: 50	-	60
• Connected power	: 4.5 kW (±5%)		
• Safety door switch	: Yes		
• EC-tronic+ control system	: Yes		
• Energy control	: Yes		

Options:

• Stainless steel cabinet SS304	: 800 x 800 x 300	-	31.5 x 31.5 x 11.8 in.
• Different voltage (check berson for avaialable alternatives)			

Bersoninline®

Type;	200	300	450	600	1000	1250
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1105 (Type HXJSU)
720 (Type HXJSW)
620 (Type HXS)

The main technical drawing shows two views of the Bersoninline chamber. The top view is a front elevation showing a cylindrical body with flanges at both ends. Dimensions include overall length (1105, 720, or 620 mm), diameter (øE), and mounting bracket width (310 mm). Options shown are Motorwipe, Handwipe, and Ultrawipe. The bottom view is a side elevation showing the chamber's profile and mounting brackets. Dimensions include overall height (780 mm) and mounting bracket width (310 mm).

(1) PT100 position.

** Free space necessary for service and operation of manual cleaning mechanism.
**= 300mm

TOLERANCE According to: All Dimensions ±1 unless otherwise mentioned	
NOTE:	Finishing: Inside..... Outside brushed, K280
NOTE:	Finishing: welded joints, pickling and passivating.

This diagram shows the top view of the chamber. It features two large circular ports labeled 'Inlet' and 'Outlet'. A central vertical pipe is shown. To the right, there are three options for a 'Tablet Drain': 1/2" BSP / NPT, 1" BSP / NPT, and 2" BSP / NPT. Dimensions include a total width of 400 mm and a distance of 200 mm from the centerline to the edge.

This diagram shows the side view of the chamber. It highlights the mounting brackets and various connection points. Dimensions A, B, and C are indicated for the mounting bracket widths. Other labels include '(1) Option' pointing to a small port, 'Drain' pointing to the bottom outlet, and 'øE (8x)' indicating the number of mounting holes.

This diagram shows the bottom view of the chamber. It includes an 'Option Uvector' pointing to a specific feature. A detailed inset shows the 'Motorwipe' mechanism, which is a rotating brush used for internal cleaning. Another dimension of 440 mm is shown across the width.

berson
masters in uv

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Description:
LAYOUT INLINE ...
CHAMBER HXJS..

Remarks:
Mat.: SS316L acc. to AISI
Connection NW200 / 8" ANSI

Ref. Tek.: 061 065 064 063 062

Appr.:
Drawn: TJB

Date: 01-03-2002

Revision: Name

Unit: MM Sheet 1 of 1

Scale
Projection
1:6

drawing no:
040-006 - 01 A

Flange Type	Size A	p.c.d. B	Dia. C	Hole øD
NW200	200	295	340	ø22
8" ANSI	8"	298.5	343	ø22.4

Article no.

Project no.

Customer