
**BHS AUTOPRESS FILTER (AP 300)
DATA SHEET**

A) FILTER TYPE

Filter type:	AP 300
Filter area:	0.22 m ² - 1.0m ² (Adjustable by application)
Internal Housing Material:	Polypropylene or Stainless Steel
External Housing Material:	Stainless Steel

B) TECHNICAL DATA**I. Filter**

Total width with filtrate pipe and valves:	approx. 1.0m
Total length:	approx. 2.2m
Total height:	approx. 2.4m
Empty weight:	approx. 1.5 t

Vessel volume:	102 L
Return volume at 30mm cake height:	82 L
Max Cake thickness:	20mm
Max operating pressure:	10 barg (145 psi)
Max operating temperature:	150°C

II. Clean In Place System

Membrane:	2 pieces;	tank cleaning heads
Enclosure:	2 pieces;	tank cleaning heads
Cone:	2 pieces;	tank cleaning heads
Filter plates:	20 pieces;	flat jet nozzles

III. Secondary Enclosure

The enclosure is made to UVV instructions. It covers the complete product area including cake discharge. It is foreseen for the secondary containment to house a nitrogen overlay.

Design pressure:	±50 mbar
Design temperature ;	0 – 100°C



IV. Controls

An electric control system is included in the rental to allow semi-automatic operation.

CABINET

Make: Eldon
Type: Stand-alone cabinet
Material: stainless steel 304
Dimensions: w x d x h = 1200 x 600 x 2000 mm
Connection point: from the bottom

MCC

	hydraulic motor	vacuum pump motor
MCC:	4,0 kW	0,2 kW
Power switch:	7 - 10 A	0,6-1 A
Motor protection:	4.0 - 5.5 kW	0,6 - 10 kW