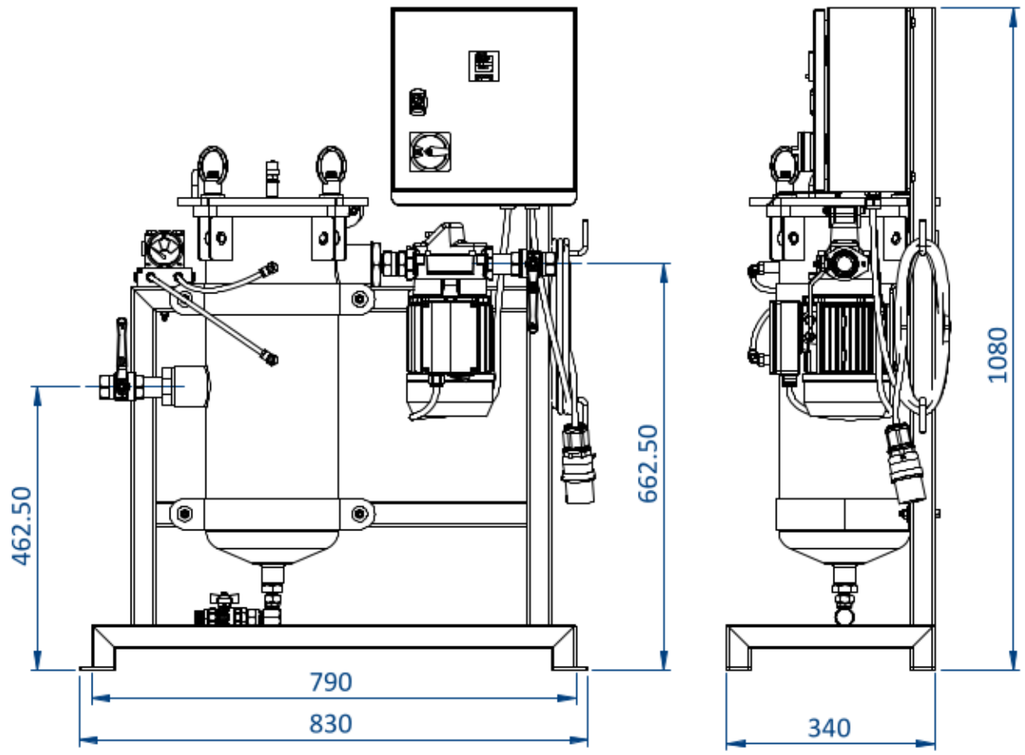
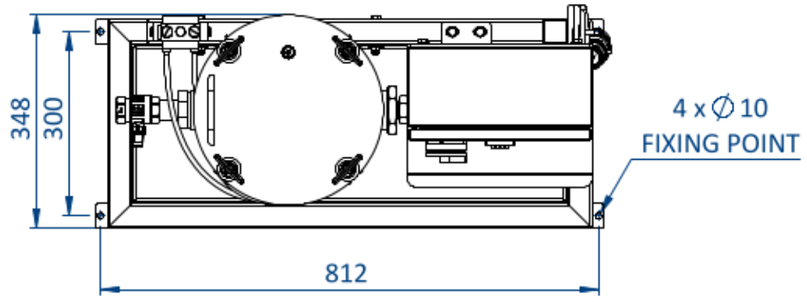
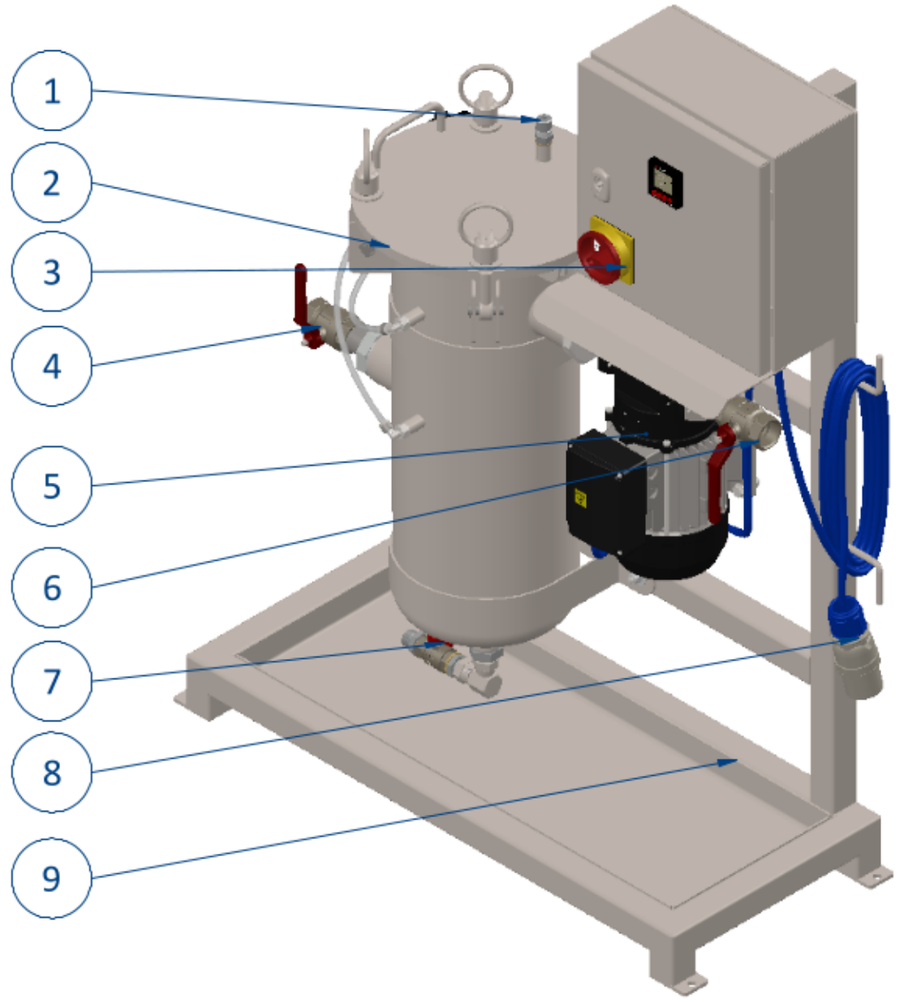






COMPONENT IDENTIFICATION

1	FILTER VESSEL VENT PORT - 1620 TESTPOINT
2	SIZE 1 BAG FILTER VESSEL
3	CONTROL PANEL C/W MAINS ISOLATION AND 7 DAY PROGRAMMABLE TIMER
4	OUTLET PORT - 1" BSP FEMAL C/W BALL VALVE
5	80 L/ MIN SELF PRIMING VANE PUMP
6	INLET PORT - 1" BSP FEMAL C/W BALL VALVE
7	FILTER VESSEL DRAIN PORT 1/2" BSP MALE C/W BALL VALVE
8	MAINS POWER CONNECTOR - 240 VAC - 16 AMP
9	AISI 304 STST FRAME WITH BUND AND PUMP COVER

GENERAL TOLERANCES UNLESS OTHERWISE STATED - TO COMPLY WITH BS EN 22768:1993 - DO NOT SCALE DRAWING - IF IN DOUBT ASK

GEOMETRIC TOLERANCES

	MACHINED	FABRICATED
TOTAL RUNOUT		0.2mm
SYMMETRY	0.2mm	1.0mm
FLATNESS		
0mm > x ≤ 1000mm	0.2mm	2.0mm
1000mm > x ≤ 6000mm	0.4mm	4.0mm
PERPENDICULARITY		
0mm > x ≤ 1000mm	0.2mm	1.0mm
1000mm > x ≤ 3000mm	0.4mm	4.0mm

FABRICATION FEATUERS - Class c

0mm > x ≤ 500mm	= ± 1mm
500mm > x ≤ 1000mm	= ± 2mm
1000mm > x ≤ 2000mm	= ± 3mm
2000mm > x ≤ 3000mm	= ± 4mm
3000mm > x ≤ 5000mm	= ± 5mm

MACHINED FEATUERS - Class m

0mm > x ≤ 6mm	= ± 0.1mm
6mm > x ≤ 30mm	= ± 0.2mm
30mm > x ≤ 120mm	= ± 0.3mm
120mm > x ≤ 400mm	= ± 0.5mm
400mm > x ≤ 1000mm	= ± 0.8mm
1000mm > x ≤ 2000mm	= ± 1.2mm
2000mm > x ≤ 4000mm	= ± 2.0mm

HOLE CENTRES ± 0.4mm
ANGULAR TOLERANCE ± 1°
SURFACE TO BE MACHINED 1.6µm
ALL THREADS TO BE COARSE - 6H / 6g
SURFACE TEXTURE WHERE SPECIFIED IS IN µm
UNLESS STATED DIMESNIONS IN MILLIMETRES
REMOVE ALL BURRS AND SHARP EDGES

THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	IL	21/04/2026
CHK'D	DW	21/04/2026

MATERIAL: AISI 304 STST FRAME

FINISH: N/A

MASS: 49599.67 GRAMS

DRAWING TITLE
BUDGET FUEL FILTRATION SYSTEM -240 VAC

PART NO. FRB-96245

REVISION 001

SCALE:1:7 | SHEET 1 OF 1 | A3