

Beer Clarifier

Standard scope of supply

- Complete clarifier unit with color touch panel and variable frequency drive
- KO₂ oxygen knock-out device
- On-off feed valve, hood cooling valve, sample port at outlet
- Sight glasses at inlet/outlet
- Flow transmitter with totalizer and manual flow regulating valve
- Manual back-pressure control valve
- Water filter, gauges, and all air and electrical connections
- Integration into fully automatic CIP (cleaning in place) system

Advanced scope of supply

In addition to the standard scope of supply:

- Turbidity monitoring and control of TSS level at outlet, fully automatic with integrated recirculation line
- Automatic flow regulating valve
- Automatic back-pressure control valve with pressure transducer
- Automatic water flushing valve

Optional features

- Local or remote feed pump
- Solids discharge by VolCon system, our perfect control of the discharge volume

- Turbidity monitoring at feed
- Sight glasses with backlighting at inlet/outlet

Features

KO₂ – oxygen knock-out
 KO₂ is the hydro-hermetic device designed to minimize the oxygen pick-up in beer.

- Dissolved oxygen pick-up, typically less than 10 ppb
- Unique inert gas sealing system
- No deaerated water needed and no risk to contaminate the product
- Low operating costs for CO₂ or N₂

Automation

- Input/setting of your recipes on control panel
- Precise turbidity control
- Emptying and flushing cycle integrated into control panel
- Variable speed
- Recirculating system that ensures that only clarified beer is sent to bright beer tank
- The control system monitors all functions and makes automatic adjustments to maintain operational characteristics, ensuring trouble-free and safe operation at all times.

Technical data*

Model		ArtBREW 31	ArtBREW 41	ArtBREW 71	ArtBREW 131	ArtBREW 201
Beer clarification capacity	hl/h	up to 50	up to 75	up to 150	up to 250	up to 350
Clarification of dry hopping beer	hl/h	6-25	12-35	25-75	40-130	70-180
Clarification of beer with addition of tank bottom **	hl/h	15	33	68	125	160
Installation weight	kg	750	1,200	1,500	2,300	2,600
Skid footprint	m x m	2.0 x 1.0	1.6 x 1.7	1.9 x 2.0	3.0 x 1.7	3.0 x 1.7
Skid height	m	1.7	1.8	1.8	2.2	2.2
Total installed power	kW (HP)	5.5 (7.5)	11 (15)	15 (20)	22 (30)	37 (50)

* Capacity depends on the characteristics of the beer

** Average value considering 2%v solids