



Innovation in Separation Technology

Beer Clarification

BeerAzimuth



REDA
SEPARATION



REDA self-cleaning clarifiers

A modern and effective solution for fast solids separation of beer

REDA clarifier is designed with the purpose of beer clarification by directly and efficiently separating and ejecting the heavier solids contained therein (eg: yeast, solid residue of hops, tank bottoms).

Thanks to its automated control the process of clarification comes in continuous, without the need of intermediate stops for cleanings, even with high flows.

Reda brewing technology is tested and developed to **respect natural characteristics of raw materials**, while guaranteeing faster brewing with time and labor saving and no compromises of final product quality.

The result is **preservation of beer's original flavor**, as well as taste and organoleptic characteristics for a long time.

Centrifugation allows a significant reduction in discharges to your wastewater station.

Our Plus

Make the most for you...

- ZeroOx™: zero oxygen absorption system
- Hermetic working without mechanical seals
- Soft Spindle System™: the REDA direct drive system with standard motor and frequency converter
- Periodically discharged at preset intervals
- Product outlet under pressure
- Automatic output turbidity control
- 100% Stainless steel, no painted surface
- Easy to manage
- Automatic By-pass at discharge
- Reduction of decanting operations

...and your beer

- Reduction of decanting operations
- High Clarification efficiency
- Higher beer yield (no losses as during filtration)
- Physical clarification without additives
- Improvement of organoleptic properties
- No CO₂ losses



Beer flexibility - All in One

- Yeast elimination
- Green beer clarification
- Beer clarification at end of fermentation
- In-line clarification with cartridge filtration module



Our serie RE-BR



RE30BR

| | |
|---|--------------------|
| Flow before final cartridge clarification | 3,000-4,000 |
| Flow before final diatomite clarification | 4,000-6,000 |
| High and low fermentation clarification | 5,000-7,000 |
| Transmission | Direct drive |
| Dimension | 1950 x 1200 x 1600 |
| Motor [kW] | 7.5 |
| Weight [Kg] | 850 |



RE50BR

| | |
|---|--------------------|
| Flow before final cartridge clarification | 5,000-6,000 |
| Flow before final diatomite clarification | 6,000-9,000 |
| High and low fermentation clarification | 7,000-12,000 |
| Transmission | Direct drive |
| Dimension | 2100 x 1400 x 1700 |
| Motor [kW] | 15 |
| Weight [Kg] | 1100 |



RE85BR

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|---|--------------------|
| Flow before final cartridge clarification | 7,000-12,000 |
| Flow before final diatomite clarification | 15,000-18,000 |
| High and low fermentation clarification | 18,000-20,000 |
| Transmission | Free Belt™ System |
| Dimension | 2500 x 1800 x 1900 |
| Motor [kW] | 18.5 |
| Weight [Kg] | 1850 |



RE130BR

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|---|--------------------|
| Flow before final cartridge clarification | 15,000-20,000 |
| Flow before final diatomite clarification | 20,000-25,000 |
| High and low fermentation clarification | 25,000-30,000 |
| Transmission | Free Belt™ System |
| Dimension | 3000 x 3200 x 2100 |
| Motor [kW] | 30 |
| Weight [Kg] | 2650 |

Notes:

- Flow rates are expressed in liters/hour
- The dimensions are reported in millimeters and refer to models mounted on skid
- Only RE130BR is installed on ground and not on skid