

ClearAlc Technologies - Wine Dealcoholization

DESIGNED AND MANUFACTURED BY



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01

RECEPTION:
Storage tanks



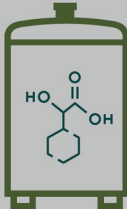
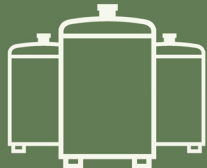
02

DEALCOHOLIZATION
with ClearAlc
Low Temperature
Vacuum Distillation



03

OUTCOMES



ALCOHOL



* DEALC
BEVERAGE



CONCENTRATED
AROMA ESSENCES
Up to 4 different
essence streams



UTILITIES
CHILLER

HEAT PUMP

BOILER

COMPRESSED AIR

OPTIONALS

CIP

AROMA RECOVERY COLUMN

EXTRA RECTIFICATION ALCOHOL (UP TO 96%)



MAIN ADVANTAGES

01

ONE SINGLE PASS TECHNOLOGY

Due to 3 columns, clearalc allows obtain the final dealc beverage, Rectified alcohol and up to 4 essence fractions



GENTLE TREATMENT

Deep vacuum, resulting in elimination of hot surfaces in contact with the Product and optimal working conditions (<1 seg at high temperature <42°C)



RECTIFICATION CAPABILITY

Maximum recovery of the water component of the feed material. It is Possible to achieve a concentration up to 92-96%abv



OPTIMIZED AND MORE EFFICIENT PROCESS

I. Minimal losses: 10-12%
II. Minimal water consumption
III. Preheating system.



MAINTENANCE

I. No internal moving parts.
II. Easy replacement based on local suppliers

* DIFFERENT POSSIBILITIES



4% abv
for alcohol
adjustment



<0.5% abv
non-alcoholic



<0.05 abv
no alcohol