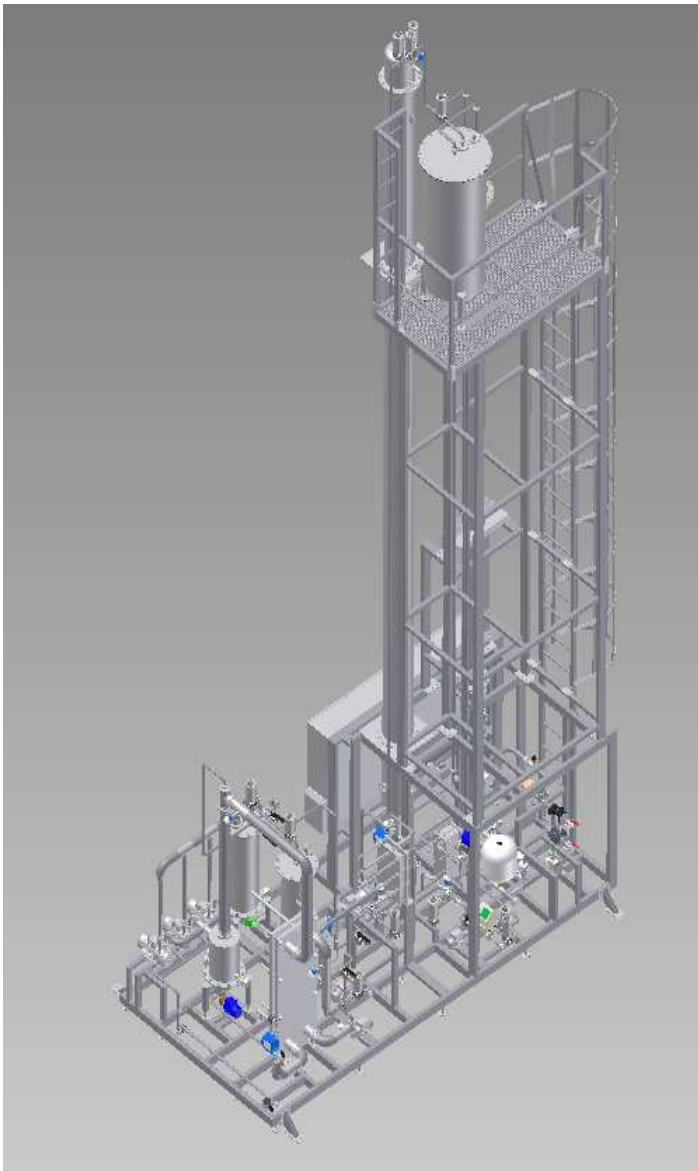


DeAlcotec



Dealcoholisation System



The Principle

The product is pre-heated by a plate heat exchanger downstream of the degassing section and runs down from the top to the bottom of the column. In counter current flow the alcohol in the product is removed by the exhaust rising vapours which pass through the column from the bottom to the top. The alcohol free product is taken from the bottom outlet of the column, some of which passes through an evaporator to generate the required exhaust vapour out to keep the dealcoholisation process running. The remaining liquid product, which now contains no alcohol is pumped and chilled to the next process step.

The vapour which contains alcohol is concentrated downstream by a rectification column and condensed in a chiller to produce a saleable product.

The volatile aromas from the exhaust vapour can be extracted in a specific recovery system and recycled to the product.

Technical Data

Capacity	4 - 100 hl/h
Residual alcohol	< 0,1 %
Temperature	8 - 95°C
Pressure	0-8 bar
Material	1.4301 / 1.4404
Heating Media	Steam
Cooling Media	Glycol, Ice water, Ammonia
PLC	Siematic S7



Selective

gentle for the product by using vacuum rectification < 0,1% Alc.

Efficient

by minimized loss of alcohol free product and recovery of the aroma

Hygienic

fully integrated into the existing CIP system

Reliable

by fully automated operation with integrated process control and measurement systems





Unsere weltweiten Partner für Vertrieb und Service
Our worldwide partners for sales and service
www.centec.de

Centec Germany (Hauptsitz/Headquarter)
Centec Gesellschaft für Labor-
und Prozessmesstechnik mbH
Wilhelm-Röntgen-Str. 10
D-63477 Maintal / Frankfurt
Germany

Tel +49 (0) 6181 1878 0
Fax +49 (0) 6181 1878 50
info@centec.de
www.centec.de



UK Representative
Protecnica Solutions Ltd
Stalworths, The Street,
Great Tey, Colchester,
Essex, CO6 1JS, UK

Tel: 01206 211921
sales@protecnica.co.uk
www.centec-sensors.co.uk

Centec Czech Republic
Centec automatika spol s.r.o.
Pekarská 8
CZ-15500 Praha
Tel.: +420 257 084 111
Fax: +420 235 518 701

Centec USA
Centec LLC
P.O. Box 820
Germantown,
WI 53022-0820
Tel.: +1-262 251-8209
Fax: +1-262 251-8376

Centec Brasil
Centec América Latina
Av. das Américas, 500 Bl 13/313
22640-100 Rio de Janeiro,
Tel./Fax:
+55 21 2494 5849

Centec Serbia
Centec Predstavništvo
u Beogradu
Bogdana Zerajica 34
11090 Belgrad, Srbija
Tel./Fax:
+381 11 358 11 24