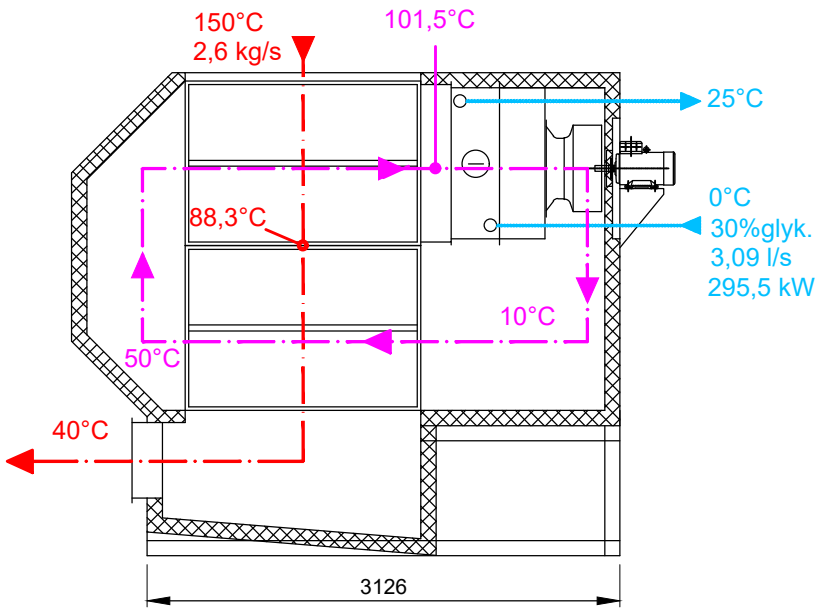

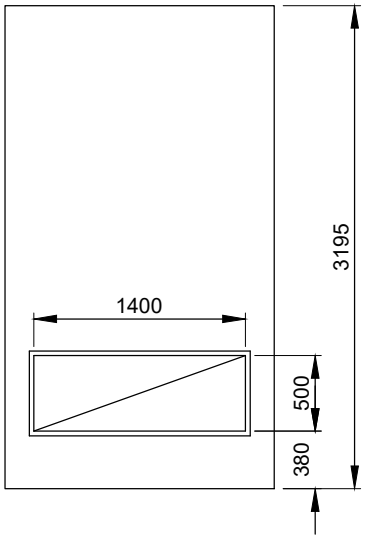

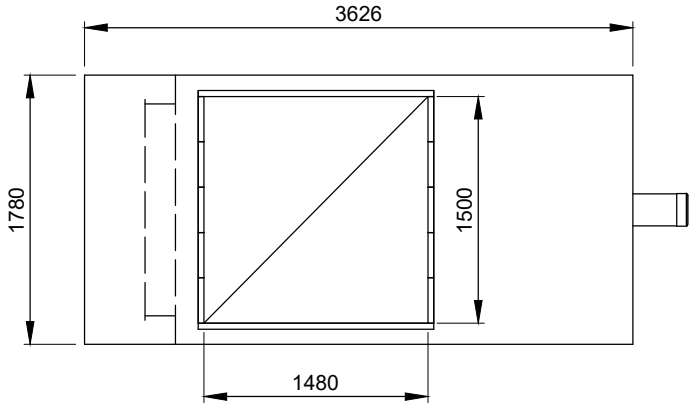

Principle:

The hot and greasy extract gas of the baking ovens is led through two glass tube exchangers in series to the extract air duct.
Inside tubes the glass tube heat exchangers are connected in series (elbow) by counterflow connection to circulating air, which is cooled by Cu-Al-coil using process water. The cooling coil may have a normal fin spacing because the recirculated air is completely isolated from dirty exhaust air.

Structure

Exhaust gas:

2 pcs	Glass tube heat exchangers in series
1 piece	Tray with draining connection

Circulating air:

2 pcs	Glass tube exchangers in series (elbow)
1 piece	Cu-Al coil for liquid
1 piece	Plug Fan with 4 kW motor (N = 2.15 kW)

Baseframe Fe, epoxy painted or galvanized steel
Casing FeZn plate, insulation of mineral wool.

The size of the device can be changed by adding or reducing the number of Glass tube modules in the width direction 300 mm pitch / module.
This device has 5 modules. Airflows and powers change in the same proportion.

The unit can be enlarged or reduced by changing number of glass tube modules. Min. is 3 modules and max. is 8 modules. Extract air flow is 0,52 kg/s per module. Width of the module is 300 mm.

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