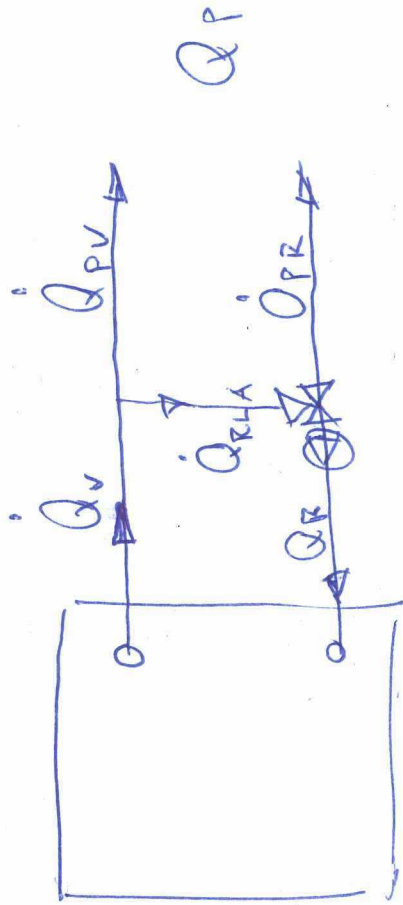




Energie bilanz

$$\dot{Q}_V = \dot{Q}_{RLA} + \dot{Q}_{PV} \Rightarrow \dot{Q}_{PV} = \dot{Q}_V - \dot{Q}_{RLA}$$

$$\dot{Q}_R = \dot{Q}_{RLA} + \dot{Q}_{PR} \Rightarrow \dot{Q}_{PR} = \dot{Q}_R - \dot{Q}_{RLA}$$

$$\dot{Q}_P = \dot{Q}_{PV} - \dot{Q}_{PR}$$

$$\dot{Q}_P = \dot{Q}_V - \dot{Q}_{RLA} - (\dot{Q}_R - \dot{Q}_{RLA}) = \dot{Q}_V - \dot{Q}_{RLA} - \dot{Q}_R + \dot{Q}_{RLA}$$

$$\dot{Q}_P = \dot{Q}_V - \dot{Q}_R$$

$$\dot{Q}_K = \dot{Q}_V - \dot{Q}_R \Rightarrow \dot{Q}_K = \dot{Q}_P$$