



Labotek EHR

External Heat Recovery



External Heat Recovery (EHR)

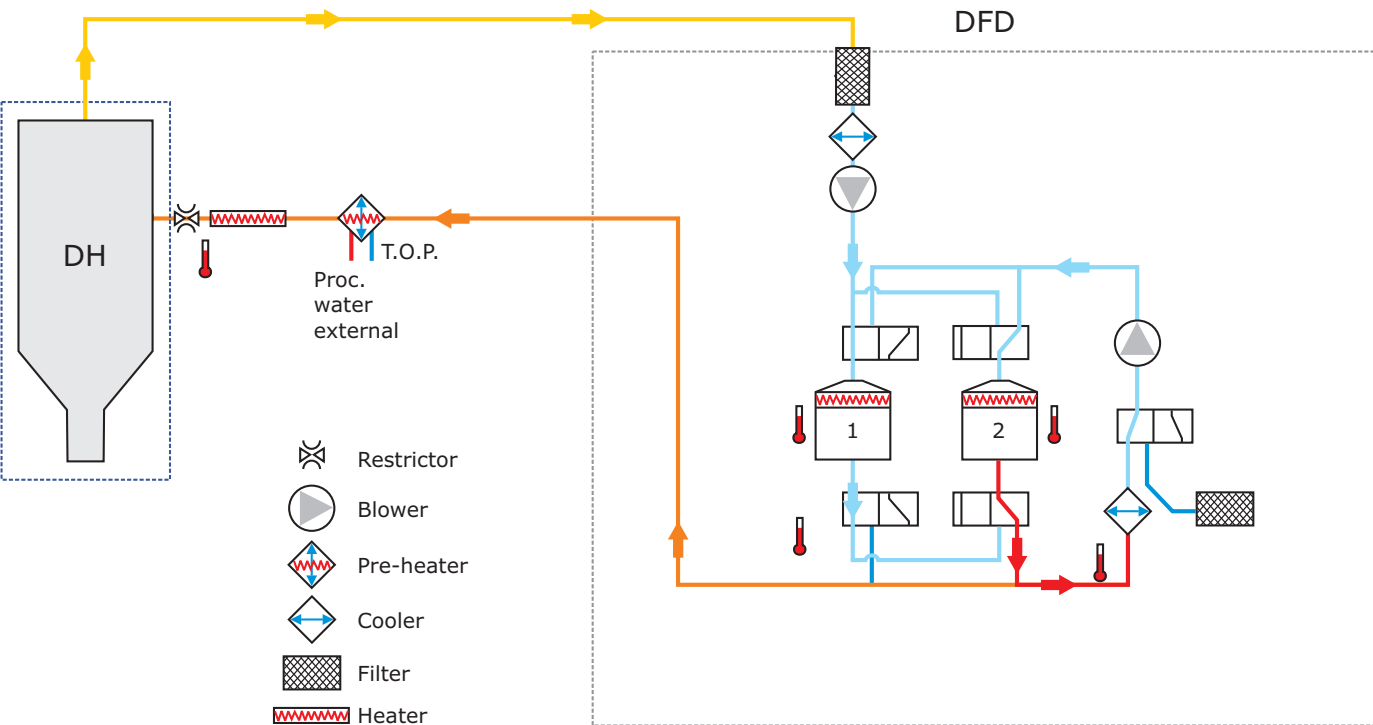
External Heat Recovery (EHR) operates with external hot water, ex from compressor cooling, power utility, or other processes in the plant.

The EHR enables to utilize the hot water and transfer into process air in Labotek drying systems, through highly efficient air/water heat exchange devices.

Energy savings are massive and depending on the temperature/flow of the water available, savings of electrical power up to 85% are achievable.

To enable the EHR option, the software needs to be programmed into a PLC control. This can be done via the PLC control of our dryer or with our external Labo-Net PLC control.

Please consult your local Labotek representative for detailed calculation on energy savings and further product information about this unique energy-preserving technology.

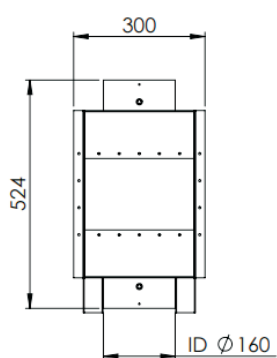


Technical Data

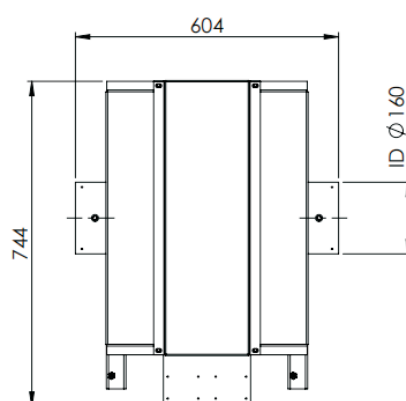
Labotek item no.	EHR size	Design temp. (°C) min./max.	Design pressure (bar) min./max.	Nominal pressure (bar)	Flow rate (L/H) min./max.	Water inlet/outlet port size
209946	16.7 kW	-40 / 110	-1 / 16	3 - 5	100 / 750	3/4"
209980	45.0 kW	-40 / 110	-1 / 16	3 - 5	100 / 1400	3/4"



Dimensions



EHR 16.7 kW



EHR 45 kW

**3 years
warranty**

Labotek offers 3 years warranty
- excluding wear parts

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Representative