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NOMENCLATURE

<i>Symbol</i>		<i>Index</i>	
<i>COP</i>	coefficient of performance (-)	<i>C</i>	Carnot
<i>h</i>	enthalpy ($\text{kJ}\times\text{kg}^{-1}$)	<i>c</i>	condenser
\dot{m}	mass flow rate ($\text{kg}\times\text{s}^{-1}$)	<i>Comp</i>	compressor
<i>P</i>	power (W)	<i>el</i>	electric
ρ	pressure (bar)	<i>HIS</i>	heat sink
\dot{Q}	heat flow (W)	<i>HSO</i>	heat source
<i>T</i>	temperature (K)	<i>HTC</i>	high temperature cycle (R600)
\dot{V}	volume flow ($\text{m}^3\times\text{s}^{-1}$)	<i>is</i>	isentropic
η	efficiency (-) or ($\text{W}\times\text{W}^{-1}$)	<i>LTC</i>	low temperature cycle (R290)
Π	Pressure ratio (-) or (bar/bar)	<i>E</i>	evaporator
ρ	density ($\text{m}^3\times\text{kg}^{-1}$)	<i>R</i>	refrigerant
		<i>th</i>	thermal

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