

EB ECO

Inverter Technology

3-16 kW

Pfannenbergs EB ECO chillers take advantage of the inverter technology to ensure a direct response to cooling demand. This keeps both energy consumption and operating cost to a minimum, while range of cooling capacity and durability of the units are increased significantly.

Energy and Cost Savings

Combination of several technologies to ensure a maximum cost saving and environmental benefit.

Higher Temperature Precision

Rapid and accurate adjustment of cooling capacity to the actual load leads to a significant higher stability of the medium temperature. ($\pm 0,1 \text{ }^\circ\text{K}$)

The right answer to current regulation

European ErP Directive and F-gas Regulation are important boundary conditions for your decision. For more information visit our website:

www.pfannenbergs.com/f-gas



Low Noise

A speed control of the powerful EC fans ensures that the optimum airflow is available at all time.

Wide range of cooling capacity

By a speed control of the compressor the units achieve high efficiency also during partial load operation.

Operational Experience

Our product design is based on customized units that have proven their performance in tool machines all over Europe.

EB ECO INVERTER TECHNOLOGY

3-16 kW



Inverter technology



top EER/
energy saving



service friendly



ingress protection



small hysteresis



water |
water/glycol



UL available



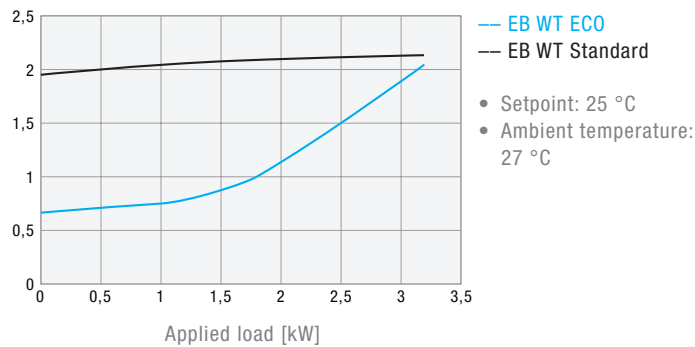
ErP ready



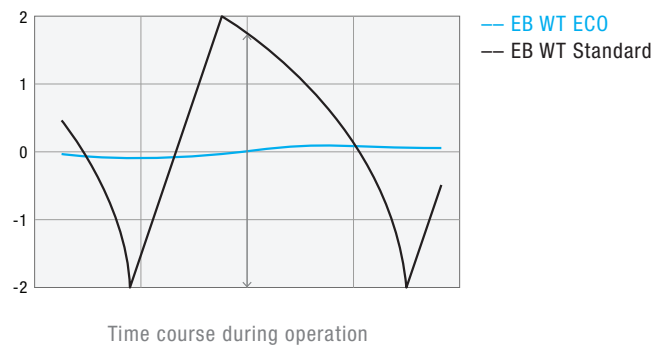
PRODUCT	EB ECO	
DATA		
Rated voltage $\pm 10\%$	AC 50 / 60	Hz
	400 / 460 3~	V
Cooling capacity range	3 - 16	kW
Temperature accuracy	± 0.1	K
Refrigerant	R410A	
Protection system	IP 54	

BENEFITS OF INVERTER TECHNOLOGY

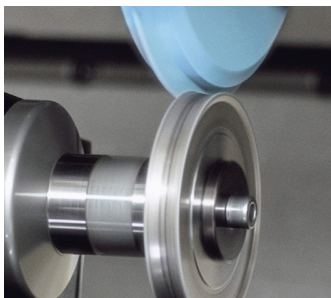
Reduced power consumption
[kW]



Increased temperature stability
[K]



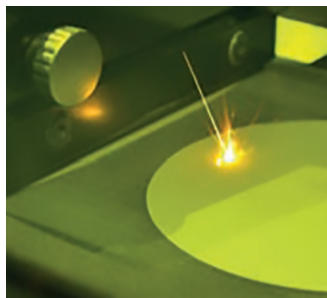
TYPICAL APPLICATIONS



Grinding machinery



Milling machinery



Laser application



Packaging industry