

# TOP ENERGY

## THE PERFECT SOLUTION FOR RESIDENTIAL CONSTRUCTION



### **SIMPLE & EFFICIENT**

Compact energy center with air/water heat pump











## security and efficiency.

### > Highest efficiency

OVUM TopEnergy central heating systems represent the most modern energy solution for residential and commercial buildings. The air modules used are certified and stand out clearly from the market thanks to the highest levels of efficiency. Thanks to the EVI injection technology, the application limit is  $-20^{\circ}\text{C}$ , which ensures monovalent, efficient operation.

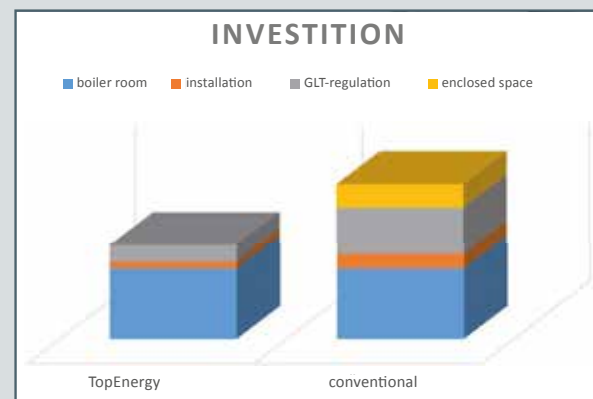
### > Multi-column principle

TopEnergy heating centers work according to the multi-column principle. This means that the required heating load is shared between up to four air units. This achieves a larger modulation range and the air modules can be operated more quietly and in a more efficient power range. Due to the multi-column principle, a high level of operational reliability is also achieved.

**On request are also more modules possible.**

### > Cost advantage

Converted space is expensive. With the external TopEnergy central heating system in front of the building or on the roof, there is no need for a boiler room. All the required components are already included in the TopEnergy central heating system.



Your OVUM installation partner:

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**TECHNICAL SPECIFICATIONS**

Type designation	TE 30	TE 60	TE 90	TE 120
Max. heating load HP A2W35	ca. 30 kW	ca. 60 kW	ca. 90 kW	ca. 120 kW
Power electric heater	12,00 kW	18,00 kW	18,00 kW	18,00 kW
Recommended heating load	15-24 kW	22-50 kW	40-80 kW	60-100 kW
Max cooling capacity WP A35W18	10-25 kW	10-50 kW	10-75 kW	10-100 kW
Heat pump modules	Air L3	Air L3	Air L3	Air L3
Number of AirModules	1 x	2 x	3 x	4x
Limits	-25 °C	-25 °C	-25 °C	-25 °C
Refrigeant	R410A	R410A	R410A	R410A
Heating circuit pump	✓	✓	✓	✓
Heat quantity measurement	✓	✓	✓	✓
Energy monitor (voltage, input power)	optional	optional	optional	optional
flow/ return	5/4"	2"	2"	2"
Treated water	✓	✓	✓	✓
Power supply	3 x 400 V	3 x 400 V	3 x 400 V	3 x 400 V
Protection (HP+E backup)	16 A+18 A	31 A+26 A	46 A+26 A	62 A+26 A
LAN-Internet	RJ45	RJ45	RJ45	RJ45
Dimension TE roof center	B 1660 x T 1660 H 1550 mm	B 1660 x T 1660 H 1550 mm	B 1660 x T 1660 H 1550 mm	B 1660 x T 1660 H 1550 mm
Dimension per AirModule	B 1791 x T 641 H 1257 mm	B 1791 x T 641 H 1257 mm	B 1791 x T 641 H 1257 mm	B 1791 x T 641 H 1257 mm