

E-Tech M 36 Flex Technical data

Description: mobile electric boiler for backup heating and screed drying

Item number: 052823 / 100005282300

Description: E-Tech M 36 Flex

Manufacturer: ACV International, Belgium

Year of commercialization: 2022

Technical description:

E-Tech M is a mobile electric boiler, which has been conceived for backup heating, when the main heating system doesn't work and for screed drying.

The boiler is flexible, meaning that its max power and power supply are defined by the cable which is being used.

Cables are custom made and are sold individually by ACV International.

The boiler is equipped with a frost protection, whose temperature can be setup by the user.

An extra protection bar is available and sold as accessory.

Technical data:

Constructive characteristics

Capacity (total)	L	13
Capacity expansion tank(s)	L	12
Maximum Heating Temperature (heating mode)	°C	85
Maximum Heating Temperature (screed drying mode)	°C	55
Hardware Thermal Safety manual reset (heating mode)	°C	96
Hardware Thermal Safety automatic reset (screed drying mode)	°C	60
Maximum Operating Pressure (heating mode)	bar	2,5
Automatic Safety Valve	bar	3
Integrated pump		7,5 m
Speed adjustable pump		yes
Height (overall)	cm	112
Width (overall)	cm	51
Depth (overall)	cm	57
Weight (empty)	kg	60
IP rating		IP22
Type of Wheels		ø260mm / 85mm
Inner Wheel Axle	ø mm	20
Type of hydraulic connections		G 3/4 " Geka
Heating characteristics		

Electrical power	kW	3,0 / 6,0 / 9,0 / 12,0 / 18,0 / 36,0
Electrical Resistance	kW	2 x 3,0
Output power max (80/60°C)	kW	36
Output power min (80/60°C)	kW	3

Electrical Characteristics		
Number of heating elements		6
Voltage	V	1x230 / 3x400 (+N)
Frequency	Hz	50/60
Electrical power requirements	A	16 / 32 / 63

Interface & Software		
Number of Screenshot Programs		4
Maximum Duration Program		60 days
Touch Screen		4,3" color

Cables:

	1 x 16A	1 x 32A	1 x 63A	3 x 16A	3 x 32A	3 x 63A
Reference	100005282600	100005282800	100005283000	100005282700	100005282900	100005283100
Type of cable (H07-RNF)	3G2,5 mm ²	3G6 mm ²	3G16 mm ²	5G2,5 mm ²	5G6 mm ²	5G16 mm ²
IP rating	IP44	IP44	IP44	IP44	IP44	IP44
Total Length	140 cm	140 cm	140 cm	140 cm	140 cm	140 cm
Max Nominal Total Power	3 kW	6 kW	12 kW	9 kW	18 kW	36 kW