

MICRO COGENERATION STATIONS

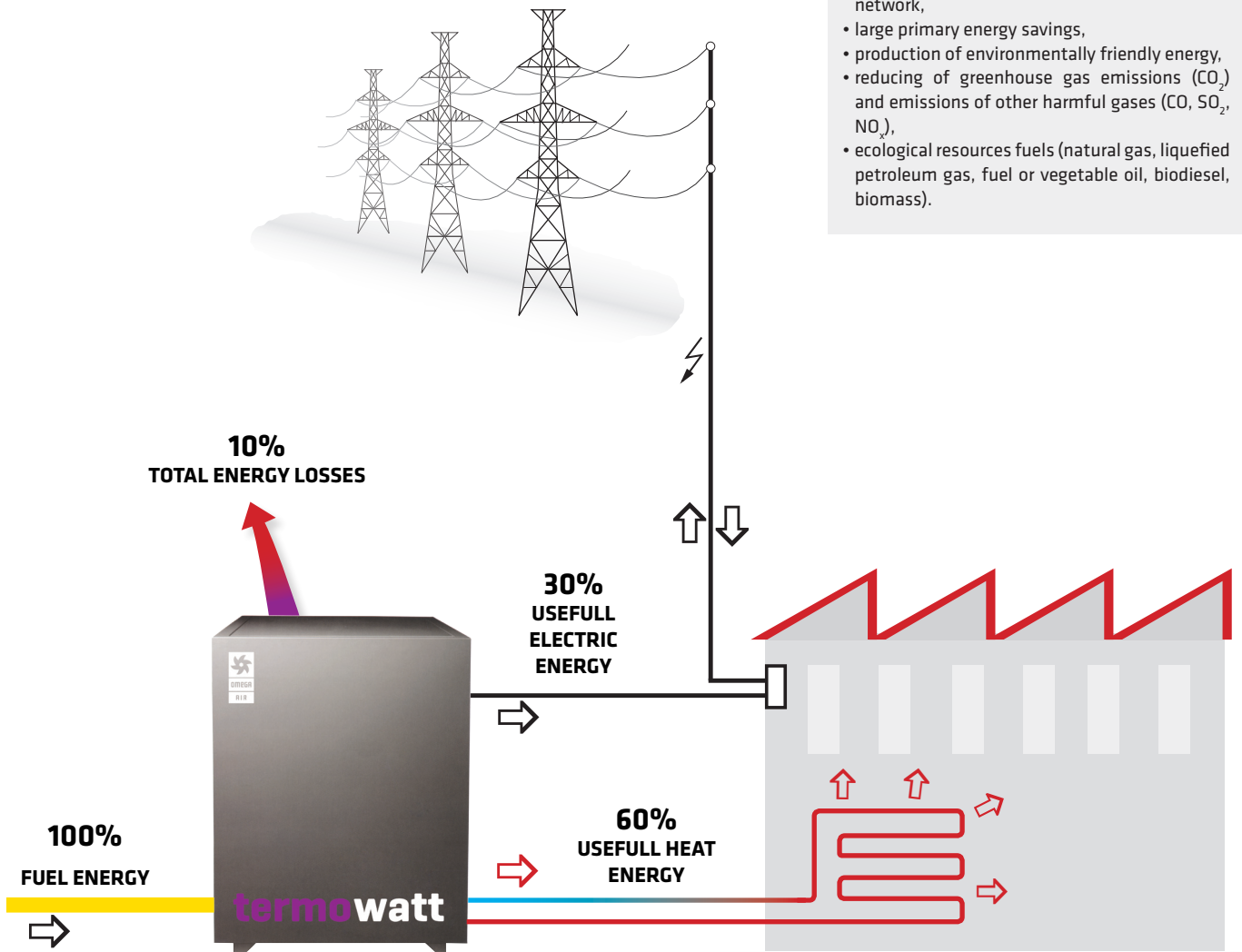
electric power	47 to 1500 kW
heat power	63 to 1848 kW

APPLICATIONS

- simultaneous production of electric and heat energy

DESCRIPTION

- low electricity and heat energy costs,
- low operating costs,
- greater energy efficiency,
- increased reliability of energy supply,
- use of energy independent of the public network,
- large primary energy savings,
- production of environmentally friendly energy,
- reducing of greenhouse gas emissions (CO₂) and emissions of other harmful gases (CO, SO₂, NO_x),
- ecological resources fuels (natural gas, liquefied petroleum gas, fuel or vegetable oil, biodiesel, biomass).



TECHNICAL DATA

Type	Fuel power	Electric power	Heat power	Electric efficiency	Thermal efficiency	Total efficiency
Termowatt 5G	22 kW	5,5 kW	15,5 kW	25 %	70,5 %	>90 %
Termowatt 7G	26 kW	7,0 kW	18 kW	27 %	69,3 %	>90 %
Termowatt 15G	51 kW	16 kW	33 kW	31 %	64,7 %	>90 %
Termowatt 22G	68 kW	22 kW	43 kW	32 %	63,2 %	>90 %
Termowatt 30G	99 kW	30 kW	65 kW	30 %	65,6 %	>90 %
Termowatt 50G	145 kW	50 kW	90 kW	34 %	62,1 %	>90 %
C-LGE 70 MAN	204 kW	69 kW	109 kW	33,8 %	53,3 %	90 %
C-LGE 105 MAN	282 kW	105 kW	138 kW	37,1 %	49,1 %	88,1 %
C-LGE 200 MAN	538 kW	200 kW	263 kW	37,1 %	48,9 %	87,9 %