

# UPM3

## End-of-Life Information

Grundfos UPM3 circulators must be disposed of according to local regulations by using a public or private waste collection service. If this is not possible, contact the nearest Grundfos company or service workshop.

## Safety Risk

- Safety related to materials used

There is no risk for people during the disassembly process posed by the materials used in the product.

## Disassembly of the Product

The main materials of the components are:

- Copper
- Cast Iron
- Aluminium
- Electronic components
- Composite materials

and can therefore be recycled to a large extent – depending on the national possibilities for recycling.

The pump is assembled by using screws and bolts and can be disassembled with standard tools. There are no loose parts inside the motor.

Pos. no.	Designation	Material	Special disassembly considerations
1	Control box housing	Composite PC GF10 FR	
	Control electronics	PCB with SMD components	
	Control box heat sink	Aluminium	
2	Front foil	LEXAN 8A13F	
3	Stator housing	Aluminium, Silumin	
4	Stator	Copper wire	The stator is heat-shrink fitted into the stator housing
	Stator lamination	Laminated Iron	
5	Push deblocking device	Stainless steel	
	Sealing	EPDM	
6	Radial bearing	Ceramics	The front-bearing is shrink fitted into the rotor can
7	Rotor can	Stainless steel	
8	Shaft	Ceramics	
9	Rotor	NdFeB	
	Rotor tube	Stainless steel	
	Rotor cladding	Stainless steel	

	Bush	Stainless steel	
10	Thrust bearing	Carbon	
	Thrust bearing retainer	EPDM	
11	Screws	Stell, eco lubric coated	
12	Bearing plate	Stainless steel	
13	Gasket	EPDM	
14	Impeller	Composite/ PES 30 % GF	The impeller is shrink fitted onto the shaft
15	Pump housing	Cast iron GG15	
16	Neck ring	Stainless steel	

