

UPA

End-of-Life Information

Grundfos UPA 15-90 and UPA 15-120 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 risks

- Safety risk related to materials used
There is no risk for people during the disassembly process posed by the materials used in the product.
- Safety risk related to handling the product
Care should be taken when handling the pump due to the weight.
- **Caution: Persons with pacemakers who disassemble this product shall exercise care when handling magnetic materials embedded in the rotor.**

Disassembly of the product

The main materials of the components are:

- Copper
- Cast Iron
- Aluminium
- Electronic scrap
- 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	Terminal box	PPE/PS	
	Terminal box cover	PPE/PS	
	Electric unit	PET	
2	Radial bearing	Ceramic	
3	Nameplate	PA 66	
5	Stator housing	AlSi10Cu2	
	Stator winding cap	PET	
6	Air vent screw	Brass, nickelled, Ms58	
7, 10	Gaskets	EPDM rubber	
8	Flow switch	Magnet / EPDM Rubber / PP 	
9	Rotor can	Stainless steel	
11	Shaft	UPA 15-90: Ceramic UPA 15-120: Ceramic	
12	Thrust bearing	Carbon	

	Thrust bearing retainer	EPDM rubber	
13	Bearing plate	Stainless steel	
14	Ball (non-return valve)	EPDM rubber	
15	Split cone	Stainless steel	
16	Impeller	UPA 15-90: PP 30 % GF UPA 15-120: PSP/PP 30 % GF	
17	Neck ring	Stainless steel	
18	Pump housing	UPA 15-90, UPA 15-120: Cast iron UPA 15-90: Stainless steel, Cast iron	
19	Stop ring	PES	
20	Intermediate ring	Stainless steel	
21	Cable with reader	UPA 15-120: PVC	
Additional materials:			



