

Vacuuming flammable fluid wastes

BFSE

BFSD

BFSE-AV

BFSD-AV

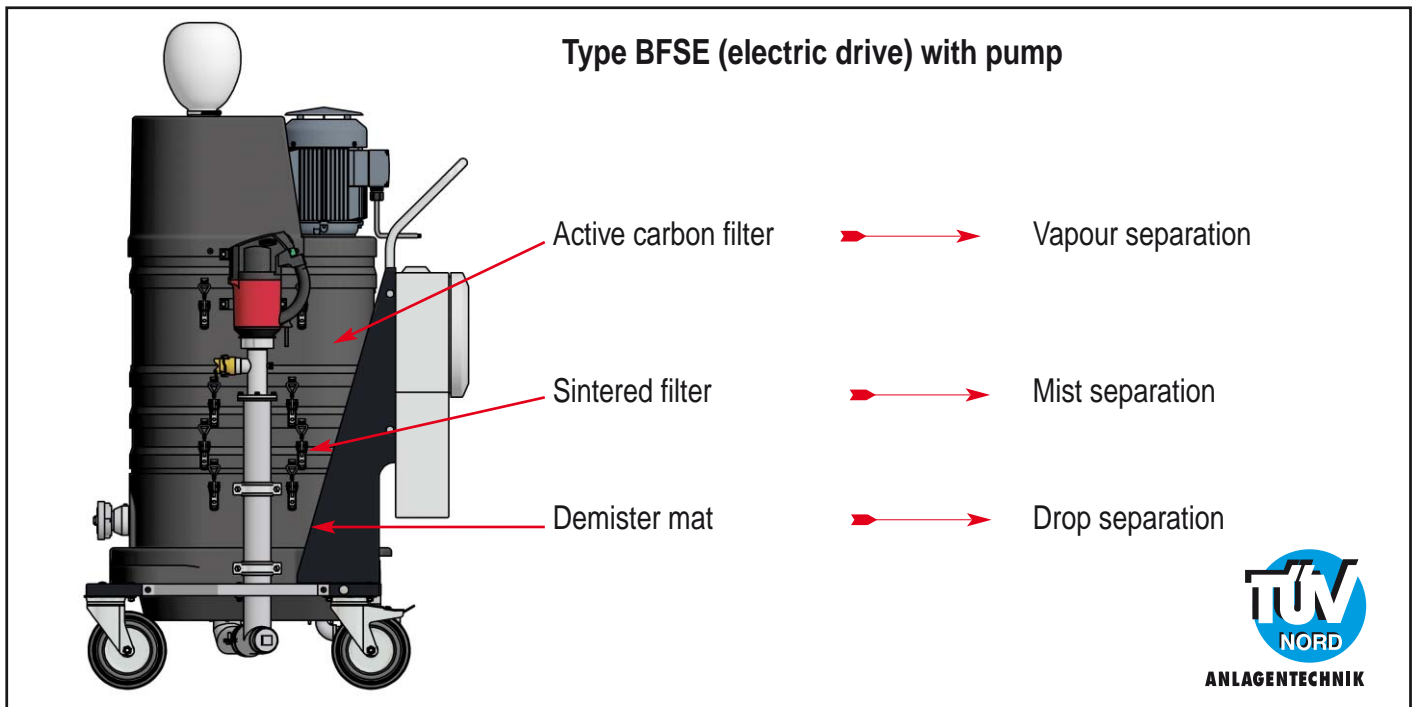


Safe vacuuming - with TÜV certificate

The BFSD (compressed air drive) and the BFSE (electric drive) industrial vacuum cleaners or the basic version, type AV, are designed for the simple and safe vacuuming of flammable fluid wastes. Classification according to Hazardous Substances Legislation (Directive 67/548/EEC) for liquid substances based on the BetrSichV [German Occupational Health and Safety Regulations]:

- F+: extremely flammable liquids with a flash point below 0°C
- F: highly flammable liquids with a flash point of 0°C- 21°C
- R10: flammable liquids with a flash point of 21°C- 55°C

The vacuumed fluid waste is collected in a container in the base module. Drops are separated by the stainless steel demister mat. Mists are filtered by the sintered bronze filter. Vapours are absorbed by an active carbon filter. The vacuum body is made from fully electroconductive, glass fibre reinforced plastic (GRP). All metal parts that may come into contact with the vacuumed material are made of stainless steel (V2A) and the suction nozzle is made of bronze. The complete vacuum unit has no ignition source.



	BFSD	BFSD-AV	BFSE	BFSE-AV
Operating mode - electric	-	-	x	x
Operating mode - compr. air, pressure	Flow pressure, 5 bar	Flow pressure, 5 bar	-	-
Motor power (kW)	-	-	2,5	2,5
Voltage (V)	-	-	400	400
Vacuum (mbar)	350	350	200	200
Air flow rate (m³/h)	253	253	270	270
Sound pressure (dB(A))	69	69	70	70
Bag filter, dust class M (1.2m²)	-	x	-	x
Activated carbon (litres)	31	-	31	-
Sintered filter, bronze	x	-	x	-
Demister mat	x	-	x	-
Height/Width/Length (mm)	1.455 / 610 / 862	1.100 / 520 / 900	1.390 / 610 / 932	1.050 / 520 / 900
Capacity (litres)	20	20	20	20
Air consumption at 5 bar flow pressure	175	175	-	-
Connection, unfiltered air side	Storz	Storz	Storz	Storz