



### **Information essential for the design of a pulsation dampener:**

Make and type of compressor

Type of fluid (air, gas etc)

Molecular weight of the fluid

Flow rate in kg per hour

Suction conditions

- Pressure

- Temperature

Discharge conditions

- Pressure

- Temperature

Speed (RPM)

Inlet size/type /rating

Outlet size/type/rating

Required silenced noise level

Allowable pressure drop

### **Additional information**

Design code

Design pressure

Design temperature

Corrosion allowance

Materials of construction

Nozzle loading

Supports

Lifting lugs

Earthing boss

Drain size

Required external surface treatment of silencer