

Pressure compensation unit DAE



Benefits

- Ideal for shut-off heating oil pipe sections (e.g. by means of solenoid or non-return valves) which are subject to considerable temperature differences
- Materials resistant to biofuel and biodiesel mixtures with max. 30 % FAME
- Watertight up to 10 m water column - ideal for use in flood hazard areas



Application

Used to limit pressure increases in closed pipe sections resulting from expansion caused by temperature changes. Suitable for heating oil pipe sections which are closed at both ends (e.g. by means of solenoid or non-return valves) and which are subject to considerable temperature differences (e.g. due to oil pipe heaters).

Suitable for fuel oil EL (DIN 51603-1), diesel fuel (EN 590), liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with a maximum of 30 % FAME (EN 14214). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100 %. Also for use in flood hazard areas and flood risk areas.

Versions

	Part no.
Pressure compensation unit DAE	20800

Blue part no. = in-stock items

Description

G $\frac{1}{2}$ female thread connection at both ends. A pipe volume of 725 cm³ can be buffered at a temperature difference of 40 °C. This corresponds to the following max. line lengths (depending on the line diameter):

25.5 m \geq \varnothing 8 x 1

14 m \geq \varnothing 10 x 1

9 m \geq \varnothing 12 x 1

Watertight up to 10 m water column.

Technical specifications

Connection

Both ends G½ female

Mounting position

Any

Storage volume

41.8 cm³

Operating temperature

Max. 60 °C

Test pressure

Max. 6 bar

Approval

Conformity certificate (ÜHP) as per EN 12514

Detail views

