DATA SHEET

T 3985 EN



Type 7127 Feedwater System

For supplying water as well as the collection and feedback of condensate

Application

The Type 7127 Feedwater System is used to supply water, collect and feed back condensate to Type 7120 and Type 7129 Electric Steam Generators.

Function

The SAMSON **Type 7127** Feedwater System is used to supply water, collect and feed back condensate to **Type 7120** and **Type 7129** Electric Steam Generators. It consists of a condensate vessel and one pump (optionally plus one redundant pump).

The condensate that has been fed back (for example, using the Type 7140 Condensate Recovery System or Type 7141 Condensate Vessel with Type 7111 Pump Assembly) is stored in the feedwater system and pumped by the built-in pump to the Type 7120 or Type 7129 Electric Steam Generator.

Special features

- Designed to be used with a Type 7120 or Type 7129 Electric Steam Generator
- Turnkey solution
- Used for supplying water as well as the collection and feedback of condensate
- · Little space required for installation
- · Delivery pressure approx. 12 bar
- Open tank

Versions

Type 7127 Feedwater System for supplying water as well as the collection and feedback of condensate

- Flanges PN 16
- Available tank sizes:
 350 | for Type 7127-10/-11
 1000 | for Type 7127-20/-21
- Material: stainless steel or non-alloy steel
- With a feed pump or redundant pump (2 x 100 %)
- Delivery pressure approx. 12 bar
- With on-site level control without level indication (optionally with level indication)
- With 50-mm-thick mineral wool in aluminum casing



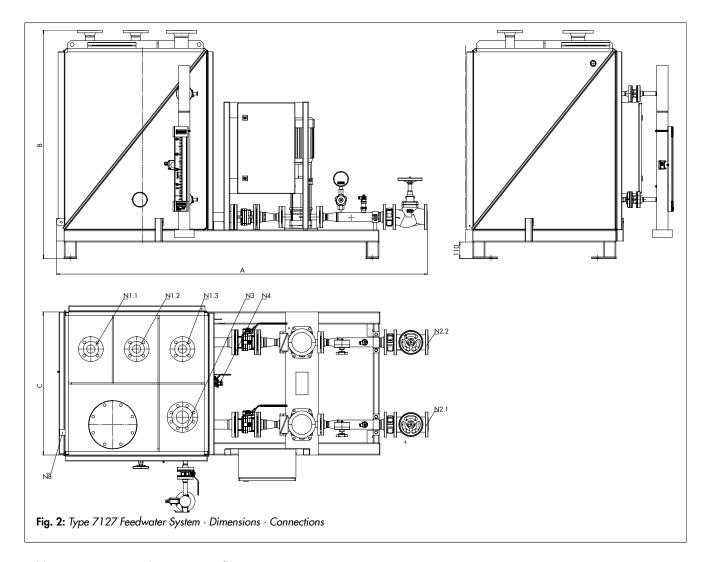


Table 1: Dimensions and connections (flanges)

| Tank size in liter | Dimensions in mm | | | Flange connections | | | |
|--------------------|------------------|------|------|--------------------|-------|--------|------|
| | Α | В | С | N1x | N2x | N3 | N8 |
| 350 | 1500 | 1100 | 700 | DN 100 | DN 25 | DN 50 | G ½ |
| 1000 | 2100 | 1500 | 1200 | DN 150 | DN 80 | DN 100 | G 72 |



RFQ Form for Type 7127 Feedwater System

| Customer data | | | | | |
|----------------------------------|------------------------|-----------------------------|--|--|--|
| Company | | | | | |
| Address | | | | | |
| Name | | | | | |
| Phone number | | | | | |
| E-mail | | | | | |
| Send your inquiry to your r | regional SAMSON contac | t or e-mail it to ▶ systems | s-de@samsongroup.com. | | |
| Operating data | | | | | |
| For use in Type 7128 Boiler Room | No | Yes (Type 7128 Boiler Roo | om, fill in ▶ T 3988) | | |
| Equipped with | | | | | |
| Vessel and skid material | 1.0345/1.0425 | 1.4301 | 1.4571 | | |
| Pump version | 1× 100 % | 2x 100 % (redundant pur | 2x 100 % (redundant pump) | | |
| Insulation | Without | 50 mm mineral wool with | 50 mm mineral wool with aluminum jacket | | |
| Liquid level measurement | 4 x level switches | Bypass level indicator wit | h magnetic display with 4 level switches | | |
| Notes | | | | | |
| | | | | | |