

STRATIFIED TANK

Spherical exchanger for solar stratified charging suitable for Pro-Clean® and Pro-Heat stratified tank

Max. spherical exchanger pressure 10 bar, max. spherical exchanger housing pressure 3 bar, max. temperature 110 °C.



| Type | Insulation | Collector surface area | Forward flow/ return connections | Suitable for | Item No. |
|--------------------------|---------------------------|--|----------------------------------|-----------------|----------|
| ST 10 | incl. fleece insulation | Up to 10 m ² | 3/4" male thread | PC/PH 500-800 | 1620009 |
| ST 20 | incl. fleece insulation | Up to 20 m ² | 3/4" male thread | PC/PH 500-1500 | 1620010 |
| ST 40 | incl. fleece insulation | Up to 40 m ² | 1" male thread | PC/PH 800-2500 | 1620011 |
| ST 60K | without fleece insulation | Up to 60 m ² | 5/4" male thread | PC/PH 1000-2500 | 1620002 |
| ST 60 ¹ | without fleece insulation | Up to 60 m ² | 5/4" male thread* | PC/PH 3000-5000 | 1620003 |
| Accessories | | | | | |
| ISOVS-ST 60K | | Polyester fibre fleece insulation for ST 60K | | | 1610562 |
| ISOVS-ST 60 ¹ | | Polyester fibre fleece insulation for ST 60 | | | 1610563 |



Note: Pro-Clean® and Pro-Heat is only a solar stratified tank when combined with the spherical exchanger!

1) Not held in stock (delivery time approx. 6 to 8 weeks)

Spherical exchanger connection set

The spherical exchanger connection set allows the spherical exchanger connections to be easily and reliably combined with the rest of the piping.



Spherical exchanger connection set for Pro-Clean® and Pro-Heat

| Type | Designation | For spherical exchanger | Connections | Item No. |
|---------|---------------------|-------------------------|--------------------|----------|
| STAS 34 | 3/4" connection set | ST 10/ST 20 | R 3/4" male thread | 1610111 |
| STAS 1 | 1" connection set | ST 40 | R 1" male thread | 1610112 |
| STAS 54 | 5/4" connection set | ST 60K/ST 60 | R 5/4" male thread | 1610113 |



Note: Other connections with tapered male thread

Dummy flange plate for spherical exchanger connections

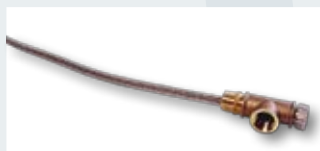
Four of these are needed when using the Pro-Clean® and Pro-Heat tank without spherical exchanger!



| Type | Item No. |
|--------|----------|
| FLP-ST | 1620000 |

Circulation lance for Pro-Clean® and Pro-Heat

Use with hot water systems with circulation losses up to max. 5 kW (details see technical catalogue).



| Type | Item No. |
|------|----------|
| WT 5 | 1620012 |

Corrugated connection pipe

For parallel connection of Pro-Clean®, fresh water or backup tank, incl. carrier trays, rubber insulation and 6/4" connection fitting. Used for heating systems up to 50 kW.



| Type | Length | Priority flap | Suitable for tank | Item No. |
|----------|----------|---------------------|-------------------|----------|
| PVS-K | 1,000 mm | – | 500, 800, 1000S | 1620025 |
| PVS-K-VK | 1,000 mm | Incl. priority flap | 500, 800, 1000S | 1620026 |
| PVS-L | 1,350 mm | – | 1000B, 1250, 1500 | 1620027 |
| PVS-L-VK | 1,350 mm | Incl. priority flap | 1000B, 1250, 1500 | 1620028 |

Priority flap

Special priority flap for charging a Pro-Clean® or fresh water tank in combination with a backup tank in the upper range, max. transmission capacity 70 kW.



| Type | Connection | Item No. |
|------|------------|----------|
| VK 1 | 5/4" | 1630004 |

¹⁾ All size specifications are in a tolerance range of +/- 3%

Free-standing FA large collectors for camp site

