

Catheter Specifications

The precision you need to quickly reach and maintain target temperature

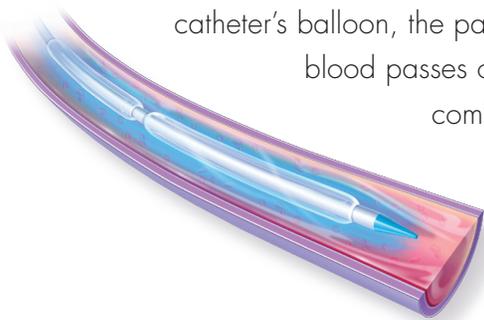
ZOLL offers four Intravascular Temperature Management (IVTM™) catheter choices that provide different lengths, insertion sites, and heat-exchange power to meet patient needs, clinical scenarios, and protocols.

Add temperature management to your central venous line

ZOLL's patented catheter design combines precise temperature management with medication delivery and the other critical care functions of a standard central venous catheter (CVC). Insert an IVTM catheter in place of a triple-lumen central venous catheter and provide temperature management with just one catheterization.

Cool and warm from the inside out

IVTM gets to the core of temperature management. By circulating cool or warm saline in a closed-loop through the catheter's balloon, the patient is cooled or warmed as venous blood passes over each balloon. When a catheter is combined with the Thermogard XP® (TGXP), the system delivers the power you need to quickly and precisely maintain target temperature by cooling or warming from the inside out.



All catheters feature:

- **Triple-lumen central venous catheter (CVC) functions**, including medication delivery, blood draw, and central venous pressure monitoring
- Accessories needed for placement
- Hydrophilic coating with heparin
- Radiopaque body, tip, and marker band to ensure proper placement in the vessel

All catheters:

- 9.3 F
- MR conditional
- Do not contain natural rubber latex



The Thermogard XP® (TGXP)
Intravascular Temperature
Management System (IVTM™)

Please refer to **Catheter Indications for Use** reference literature or visit www.zoll.com.

ZOLL Medical Corporation
Worldwide Headquarters
269 Mill Road
Chelmsford, MA 01824
978-421-9655
800-804-4356

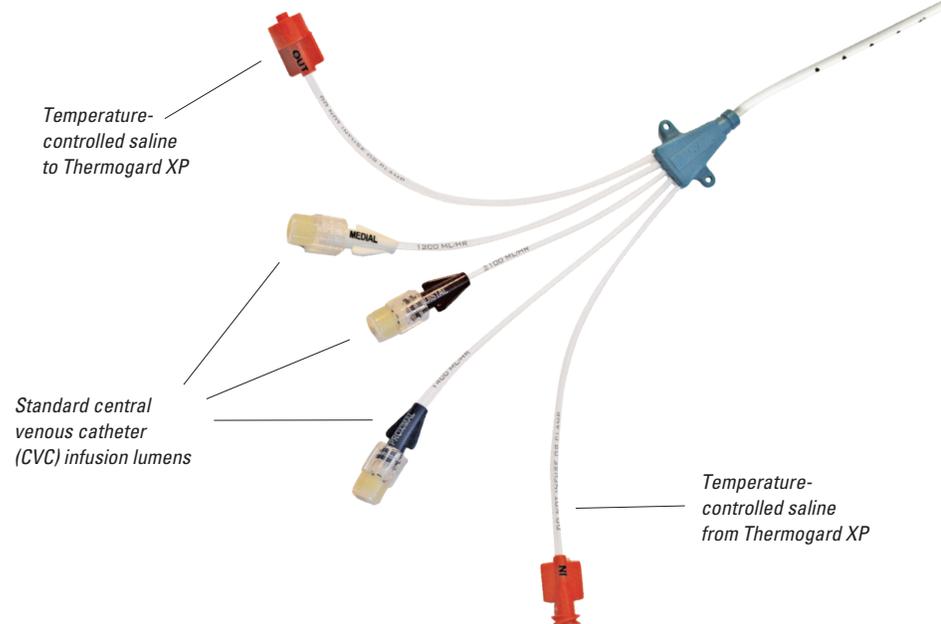
For subsidiary addresses and fax numbers, as well as other global locations, please go to www.zoll.com/contacts.

Catheter specifications

| UPPER-BODY CATHETERS | | |
|---------------------------------------|--------------------------------|--------------------------------|
| Catheter Name | Solex 7™ | Cool Line® |
| Dwell Time | 7 & 4 Days* | 7 Days |
| Cooling Power (Watts) with TGXP | 144 | 74 |
| Warming Power (Watts) with TGXP | 38 | 21 |
| Insertion Site | Subclavian Internal Jugular | Subclavian Internal Jugular |
| Outer Diameter (OD) at Insertion Site | 9.3 F | 9.3 F |
| Length | 26 cm | 22 cm |

*Solex 7 is cleared for 7-day dwell time for fever control and 4-day dwell time for cardiac and neurosurgery uses.

| LOWER-BODY CATHETERS | | | |
|---------------------------------------|----------|---------|------------|
| Catheter Name | Quattro® | Icy® | Cool Line® |
| Dwell Time | 4 Days | 4 Days | 7 Days |
| Cooling Power (Watts) with TGXP | 173 | 139 | 74 |
| Warming Power (Watts) with TGXP | 48 | 38 | 21 |
| Insertion Site | Femoral | Femoral | Femoral |
| Outer Diameter (OD) at Insertion Site | 9.3 F | 9.3 F | 9.3F |
| Length | 45 cm | 38 cm | 22 cm |



Ordering information

For pricing information or to place an order, please contact ZOLL's Customer Service department at: 1-800-348-9011, or your local representative.

Specifications subject to change without notice.

©2019 ZOLL Medical Corporation. Icy, Cool Line, IVTM, Quattro, Solex 7, Thermogard XP, and ZOLL are trademarks or registered trademarks of ZOLL Medical Corporation and/or ZOLL Circulation Inc. in the United States and/or other countries. All other trademarks are the property of their respective owners.

Printed in U.S.A. MCN TP 1908 0235 104148-001, Rev. 6

ZOLL