GSA Schedule and Ohio STS Pricing

**Supply Service** *Schedule Pricelist*

updated 11/30/2010

| | |
|---|---|
| **Name** | The Trane Company |
| **Contract #** | GS-07F-0248K |
| **Schedule Type** | 084 - Total Solutions for Law Enforcement, |
| **Contract #** | GS-06F-0079R |
| **Schedule Type** | 03FAC - Facility Maintenance and Management |

## Equipment Pricelist

| | | | | | | |
|---|---|---|---|---|---|---|
| Ohio STS Discount | HVAC Project Management | Columbus | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC Project Management | Cincinnati | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC Project Management | Toledo | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC DDC Control Installation | Columbus | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC DDC Control Installation | Cincinnati | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC DDC Control Installation | Toledo | Multiple | | $125.00 | N/A |
| Ohio STS Discount | HVAC DDC Control Service Technician | Columbus | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC DDC Control Service Technician | Cincinnati | Multiple | N/A | $115.00 | N/A |
| Ohio STS Discount | HVAC DDC Control Service Technician | Toledo | Multiple | | $125.00 | N/A |
| Ohio STS Discount | HVAC Mechanical/Electrical Service Technician | Columbus | Multiple | N/A | $88.00 | N/A |
| Ohio STS Discount | HVAC Mechanical/Electrical Service Technician | Cincinnati | Multiple | N/A | $85.00 | N/A |
| Ohio STS Discount | HVAC Mechanical/Electrical Service Technician | Toledo | Multiple | N/A | $99.00 | N/A |

# Trane Rental Services

| SIN | Model Number | Product for Rent | Product Code | GSA Monthly Rental Rate |
|---|---|---|---|---|
| **Rental of Air Cooled Chillers** | | | | |
| 246-53 | CS-ACC-01 | 10 Ton Air Cooled Chiller | 197 | $1,010 |
| 246-53 | CS-ACC-02 | 15 Ton Air Cooled Chiller | 197 | $1,516 |
| 246-53 | CS-ACC-03 | 25 Ton Air Cooled Chiller | 197 | $2,105 |
| 246-53 | CS-ACC-04 | 40 Ton Air Cooled Chiller | 197 | $3,368 |
| 246-53 | CS-ACC-05 | 60 Ton Air Cooled Chiller | 197 | $5,052 |
| 246-53 | CS-ACC-06 | 80 Ton Air Cooled Chiller | 197 | $5,389 |
| 246-53 | CS-ACC-07 | 100 Ton Air Cooled Chiller | 197 | $6,315 |
| 246-53 | CS-ACC-08 | 125 Ton Air Cooled Chiller | 197 | $6,374 |
| 246-53 | CS-ACC-09 | 170 Ton Air Cooled Chiller | 197 | $8,106 |
| 246-53 | CS-ACC-10 | 200 Ton Air Cooled Chiller | 197 | $9,680 |
| 246-53 | CS-ACC-11 | 300 Ton Air Cooled Chiller (includes trailer) | 197 | $12,988 |
| 246-53 | CS-ACC-12 | 400 Ton Air Cooled Chiller (includes trailer, pump, 6" hose box) | 197 | $17,558 |
| 246-53 | CS-ACC-13 | 500 Ton Air Cooled Chiller (includes trailer, pump, 6" hose box) | 197 | $21,947 |
| **Rental of Water-Cooled Chillers** | | | | |
| 246-53 | CS-WCC-04 | 500 Ton Water Cooled Chiller | 197 | $15,979 |
| 246-53 | CS-WCC-06 | 750 Ton Water Cooled Chiller | 197 | $22,034 |
| 246-53 | CS-WCC-09 | 1000 Ton Water Cooled Chiller | 197 | $27,546 |
| 246-53 | CS-WCC-10 | 1200 Ton Water Cooled Chiller | 197 | $33,058 |
| **Pump Rental** | | | | |
| 246-53 | CS-PU-01 | 3 HP Pump | 197 | $295 |
| 246-53 | CS-PU-02 | 5/7.5 HP Pump | 197 | $443 |
| 246-53 | CS-PU-03 | 10/15 HP Pump | 197 | $724 |
| 246-53 | CS-PU-04 | 25 HP Pump | 197 | $886 |
| 246-53 | CS-PU-05 | 40 HP Pump | 197 | $984 |
| 246-53 | CS-PU-06 | 60 HP Pump | 197 | $1,968 |
| 246-53 | CS-PU-08 | 125 HP Pump | 197 | $2,953 |
| **Hose Kit Rental** | | | | |
| 246-53 | CS-HK-01 | 2.5" Diameter Hose Kit; contains 200 total feet | 197 | $178 |
| 246-53 | CS-HK-02 | 4" Diameter Hose Kit: contains 200 total feet | 197 | $238 |
| 246-53 | CS-HK-03 | 6" Diameter Hose Kit; contains 200 total feet | 197 | $555 |
| 246-53 | CS-HK-04 | 8" Diameter Hose Kit; contains 200 total feet | 197 | $674 |
| 246-53 | CS-HK-05 | 10" Diameter Hose Kit; contains 200 total feet | 197 | $800 |
| **Transformer Rental** | | | | |
| 246-53 | CS-TR-01 | 300 kVa Transformer | 197 | $683 |
| 246-53 | CS-TR-02 | 500 kVa Transformer | 197 | $1,093 |
| 246-53 | CS-TR-03 | 750 kVa Transformer | 197 | $1,641 |
| 246-53 | CS-TR-04 | 1000 kVa Transformer | 197 | $1,823 |
| 246-53 | CS-TR-05 | 1500 kVa Transformer | 197 | $2,734 |

# Trane Rental Services

| SIN | Model Number | Product for Rent | Product Code | GSA Monthly Rental Rate |
|---|---|---|---|---|
| **Rental of DX/Voyager (Direct Exchange Refrigerant) Units** | | | | |
| 246-53 | CS-DX-01 | 25 Ton DX/Voyager (Direct Exchange Refrigerant) Unit | 197 | $2,411 |
| 246-53 | CS-DX-02 | 35 Ton DX/Voyager (Direct Exchange Refrigerant) Unit | 197 | $3,346 |
| 246-53 | CS-DX-03 | 50 Ton DX/Voyager (Direct Exchange Refrigerant) Unit | 197 | $4,823 |
| **Tower Rental** | | | | |
| 246-53 | CS-TO-01 | 500 Ton Tower (mounted on 48 foot step-deck trailer) | 197 | $5,949 |
| **Flex Duct Rental** | | | | |
| 246-53 | CS-FD-01 | 20" Flex Duct [contains (4) 25 foot sections of Flex] | 197 | $294 |
| **Rental of Electric Cable** | | | | |
| 246-53 | CS-EC-01 | 2/0 Cable Box (4) 100' Sections of Electric Cable | 197 | $335 |
| 246-53 | CS-EC-02 | 4/0 Cable Box (4) 100' Section of Electric Cable | 197 | $335 |
| **Trailer Rental** | | | | |
| 246-53 | CS-TA-01 | 48 foot Flatbed Trailer | 197 | $907 |

**NOTES:**

(1) The total monthly Rental Rate equals the GSA Monthly Rental Rate multiplied by both the Time of Year Multiplier and the Multi-Month Rental Mutiplier.
(2) The **Time of Year Multiplier** is set out in the Table below.

Time of Year Multiplier

| Time of Year Discount | Month |
|---|---|
| 0.80 | January |
| 0.80 | February |
| 0.80 | March |
| 0.80 | April |
| 0.85 | May |
| 1.00 | June |
| 1.00 | July |
| 1.00 | August |
| 0.80 | September |
| 0.80 | October |
| 0.80 | November |
| 0.80 | December |

# Trane Rental Services

| SIN | Model Number | Product for Rent | Product Code | GSA Monthly Rental Rate |
|---|---|---|---|---|

(3) The **Multi-Month Rental Multiplier** is set out in the Table below.

Multi-Month Rental Multiplier

| Multiplier | Months |
|---|---|
| 1 | 1-2 |
| 0.85 | 3-6 |
| 0.75 | 7-12 |

(4) Trailers are rented at the rate of $900 per month, regardless of the time of year or length of the rental. This rate is not discounted. Flatbed trailers are 48-Ft or 53-Ft.
(5) The rental rate for a Transformer is waived if the Transformer is rented with a Chiller.
(6) The Time of Year and Muti-Month Rental Multipliers are not applied to the Rental Rate for Electric Cable.
(7) The Time of Year Multiplier is not applied to the Rental Rate for DX/Voyager Units. Multi-month discounts can apply.

(8) For rental periods that include partial months, the Rental Rates will be calculated as follows:

First Month - Weekly rate will equal 1/3 of monthly rate.
Daily rate will equal 1/7 of weekly rate.

Ending Month - Weekly rate will equal 1/4 of monthly rate.
Daily rate will equal 1/7 of weekly rate.

The minimum rental period is one week.

**(10) Transformers -** Lugs for transformers must be provided by others and are not included. Transformers kVa 300, 500, 750 are for 208, 240, 480, & 600 Volts. Transformers kVa 1,000 & 1,500 (and some 750's) are for 480, 600, 2400, & 4160 Volts.

**(11) Hose Kits -** Trane will not split boxes of the 2.5", 4", or 6" hoses. For 2.5" , 4", and 6", each hose box contains (1) 10ft section, (1) 15ft section, (1) 25ft section, (3) 50ft sections, (2) 90's, (2) 45's, (2) vict-to-flange adapters & vict couplings. For 10" hose box it contains (1) 10ft section, (1) 15ft section, (7) 25ft sections, (2) 90's, (2) 45's, (2) vict-to-flange adapters & vict couplings

# Trane Rental Services

| SIN | Model Number | Product for Rent | Product Code | GSA Monthly Rental Rate |
|---|---|---|---|---|
| **(12) Electric Cable -** The Time of Year and Multi-Month Rental Multipliers are not applied to the rental rate for Electric Cable. Each 2/0 awg or 4/0 awg cable box contains (4) 100-ft sections, (4) 15-ft male pigtails, and (4) 15-ft female pigtails. If pricing electrical cable boxes please note multiple runs per phase might be required depending on the actual unit chosen. Please call Trane Rental Services at 800-755-5115 for any electrical questions regarding Trane Rental cable boxes. Wiring is only provided for 460V side. If a transformer is required the wiring for the building side must be provided by others. | | | | |
| **(13) Chillers -** 300-ton Air-Cooled chiller pricing includes trailer and chiller is on trailer. 400-ton and 500-ton Air-Cooled chiller pricing includes trailer, pump, and 200-ft hose kit of 6-in hose. All Water-Cooled chillers are stored in Charlotte, NC and ship with a Nitrogen holding charge. Refrigerant will be shipped in cylinders on the trailer. The chiller will need to be charged at delivery and the refrigerant recovered before it is sent back. | | | | |
| **(14) Pumps -** Pumps do not have wiring. This must be provided by others. | | | | |
| **(15) Ancillary Items -** Items such as pumps, hose kits, transformers, trailers, and electrical cable can only be rented with a chiller or DX unit. Trane Rentals does not rent these items as stand-alone items. | | | | |

# Building Energy Management and Control Products

| SIN Number | Model Number | Product Description | Product Code | GSA Price |
|---|---|---|---|---|
| **ZN511 Products** | | | | |
| 246-42(2) | 4950 0469 | Tracer ZN511 Zone Controller with Plastic Cover | 100 | $142 |
| 246-42(2) | 4950 0569 | Tracer ZN511 Zone Controller with Metal Enclosure | 100 | $178 |
| **MP501 Products** | | | | |
| 246-42(2) | 4950 0486 | Tracer MP501 Setpoint Controller with Plastic Cover | 103 | $125 |
| 246-42(2) | 4950 0586 | Tracer MP501 Setpoint Controller w/ Metal Enclosure | 103 | $156 |
| **Service Tools** | | | | |
| 246-42(2) | 4020 1121 | Rover Service Tool: Comm5 Package (s/w) (Version 5.0) | 104 | $244 |
| 246-42(2) | 4020 1191 | Rover Service Tool: Comm4 Package (s/w) (Version 5.0) | 104 | $152 |
| 246-42(2) | 4020 1192 | Rover Service Tool: Configuration Only Package (s/w) (Version 5.0) | 104 | $152 |
| 246-42(2) | 4020 1193 | Rover Service Tool: Comm5 Hardware Kit (h/w) (Version 5.0) | 104 | $434 |
| 246-42(2) | 4020 1194 | Rover Service Tool: Comm4 Hardware Kit (h/w) (Version 5.0) | 104 | $183 |
| 246-42(2) | 4020 1196 | Rover Service Tool: Complete Tool Kit Package (s/w) (Version 5.0) | 104 | $365 |
| 246-42(2) | 4020 1198 | Rover Service Tool: Test and Balance Package (s/w) | 104 | $213 |
| 246-42(2) | 4020 1199 | Rover Service Tool: Software Upgrade Package (s/w) | 104 | $91 |
| 246-42(2) | 4950 0456 | Rover Service Tool: Comm5 Package (s/w & h/w) (Version 5.0) | 104 | $456 |
| 246-42(2) | 4950 0501 | Rover Service Tool: Complete Tool Kit Package (s/w & h/w) (Version 5.0) | 104 | $669 |
| 246-42(2) | 4950 0502 | Rover Service Tool: Comm4 Package (s/w & h/w) (Version 5.0) | 104 | $304 |
| 246-42(2) | 4950 0503 | Rover Service Tool: Configuration Only Package (s/w & h/w) (Version 5.0) | 104 | $365 |
| 246-42(2) | 4950 0517 | Rover Service Tool: Test and Balance Package (s/w and h/w) | 104 | $426 |
| **End Devices and Sensors** | | | | |
| 246-42(2) | 3430 3017 | 24 VAC/SPDT Relay | 107 | $8 |
| 246-42(2) | 3430 3020 | 24 VAC/SPDT Relay with Enclosure | 107 | $15 |
| 246-42(2) | 3580 3005 | 24 VAC Wall Plug-in Transformer | 107 | $11 |
| 246-42(2) | 3581 2021 | UL Listed Transformer 120/208/240 VAC, 75 VA | 107 | $22 |
| 246-42(2) | 3581 2022 | UL Listed Transformer 120 VAC, 40 VA | 107 | $8 |
| 246-42(2) | 4020 0792 | 24 VDC (100 mA) Power Supply | 107 | $42 |
| 246-42(2) | 4020 0812 | 24 VDC (500 mA) Power Supply | 107 | $197 |
| 246-42(2) | 4020 1089 | Tracer Accessory Resin Enclosure | 107 | $150 |
| 246-42(2) | 4020 1159 | 5V Differential Duct Static Pressure Sensor | 107 | $42 |
| 246-42(2) | 4190 2006 | Air Flow Sampling Probe | 107 | $5 |
| 246-42(2) | 4190 4100 | CO2 Demand Vent Wall Sensor | 107 | $218 |
| 246-42(2) | 4190 4101 | CO2 Demand Vent Duct Sensor | 107 | $252 |
| 246-42(2) | 4190 7017 | 20-4 mA 5% Room Humidity Sensor | 107 | $66 |
| 246-42(2) | 4190 7018 | 4-20 mA 5% Room Humidity Sensor | 107 | $62 |
| 246-42(2) | 4190 7019 | 4-20mA 3% Room Humidity Sensor | 107 | $115 |
| 246-42(2) | 4190 7020 | 4-20mA 3% Duct Humidity Sensor | 107 | $120 |
| 246-42(2) | 4190 7021 | 4-20mA 3% Outside Air Humidity Sensor | 107 | $128 |
| 246-42(2) | 4190 1041 | Balco Room Temp Sensor w/ Cover | 107 | $15 |
| 246-42(2) | 4190 1045 | Balco Duct Temp w/5 ft. Avg. Element | 107 | $42 |
| 246-42(2) | 4190 1046 | Balco Duct Temp w/22 ft. Avg. Element | 107 | $47 |
| 246-42(2) | 4190 1048 | Balco Immersion High Temp Sensor | 107 | $53 |
| 246-42(2) | 4190 1049 | Room Thermostat | 107 | $29 |

# Building Energy Management and Control Products

| SIN Number | Model Number | Product Description | Product Code | GSA Price |
|---|---|---|---|---|
| 246-42(2) | 4190 1071 | Therm. Button Sensor | 107 | $16 |
| 246-42(2) | 4190 1080 | Balco Transmitter - use w/ PCM AI 3-6 | 107 | $47 |
| 246-42(2) | 4190 1082 | 375 Platinum Transmitter for PCM AI 3-6 | 107 | $47 |
| 246-42(2) | 4190 1084 | Low Temp. Cutout Manual Reset | 107 | $68 |
| 246-42(2) | 4190 1096 | 0-50 PSID Diff. Pressure Sensor | 107 | $301 |
| 246-42(2) | 4190 1097 | Electric to Pneumatic Transducer w/ Override | 107 | $82 |
| 246-42(2) | 4190 1100 | Therm. Sealed Temp. Sensor | 107 | $8 |
| 246-42(2) | 4190 1101 | Therm. Outdoor Air Temp Sensor | 107 | $17 |
| 246-42(2) | 4190 1104 | 4" Brass Immersion Well | 107 | $17 |
| 246-42(2) | 4190 1106 | 375 Platinum Outdoor Air Temp w/ Enclosure | 107 | $18 |
| 246-42(2) | 4190 1107 | 375 Platinum Room Temp w/ Cover | 107 | $18 |
| 246-42(2) | 4190 1108 | 4" Stainless Steel Immersion Well | 107 | $19 |
| 246-42(2) | 4190 1112 | 6" Brass Immersion Well | 107 | $18 |
| 246-42(2) | 4190 1113 | 6" Stainless Steel Imm Well | 107 | $23 |
| 246-42(2) | 4190 1114 | Thermal Well Compound | 107 | $9 |
| 246-42(2) | 4190 1119 | 385 Plat Duct Avg 24' | 107 | $74 |
| 246-42(2) | 4190 1120 | Zone Sensor LCD O/C Setpoint | 107 | $51 |
| 246-42(2) | 4190 1121 | Zone LCD O/C SP 3 Speed Fan | 107 | $62 |
| 246-42(2) | 4190 1122 | 20' Averaging Duct Temperature Sensor | 107 | $69 |
| 246-42(2) | 4190 1123 | 6' Averaging Duct Temperature Sensor | 107 | $49 |
| 246-42(2) | 4190 1129 | 4" Thermistor Duct 6' Lead Temperature Sensor | 107 | $17 |
| 246-42(2) | 4190 1130 | 4" Balco Duct/Immersion Temperature Sensor | 107 | $31 |
| 246-42(2) | 4190 1131 | 4" 375 Platinum Duct/Immersion Temperature Sensor | 107 | $25 |
| 246-42(2) | 4190 1132 | 4" Thermistor Duct/Immersion Temperature Sensor | 107 | $17 |
| 246-42(2) | 4190 1133 | 6" Thermistor Duct/Immersion Temperature Sensor | 107 | $18 |
| 246-42(2) | 4190 1134 | 12" Thermistor Duct Temperature Sensor | 107 | $20 |
| 246-42(2) | 4190 5005 | Water Differential Pressure Switch | 107 | $51 |
| 246-42(2) | 4190 5050 | Building Static Pressure Sensor Selectable | 107 | $92 |
| 246-42(2) | 4190 5051 | Duct Static Pressure Sensor Selectable | 107 | $92 |
| 246-42(2) | 4190 6003 | 3-Way Solenoid Air Valve, 24 VAC | 107 | $21 |
| 246-42(2) | 4190 6005 | 3-Way Solenoid Air Valve, 120 VAC | 107 | $21 |
| 246-42(2) | 4190 6006 | Air Differential Pressure Switch | 107 | $17 |
| 246-42(2) | 4190 6039 | High Capacity Electric to Pneumatic Transducer w/o Enclosure | 107 | $202 |
| 246-42(2) | 4190 6106 | Electric to Pneumatic Transducer w/ Enclosure | 107 | $60 |
| 246-42(2) | 4190 7015 | Stainless Steel Therm. Wall Plate w/ Logo | 107 | $9 |
| 246-42(2) | 4190 7016 | Stainless Steel Therm. Wall Plate w/o Logo | 107 | $9 |
| 246-42(2) | 4950 0340 | Four 24 VAC Pilot Relays in a Box | 107 | $207 |
| 246-42(2) | X13310270 | Current Sensing Switch | 107 | $46 |
| 246-42(2) | X13790496 | Wireless Zone Sensor Trane NA °F | 107 | $133 |
| 246-42(2) | X13790498 | Wireless Zone Sensor Trane NA °C | 107 | $133 |
| | | **Applied Building Controllers** | | |
| 246-42(2) | 4020 1095 | CCP Upgrade ROM Kit | 115 | $4 |
| 246-42(2) | 4020 1109 | Rev. 4 Boot ROM Kit | 115 | $8 |
| 246-42(2) | 4020 1114 | Current Version Literature Packet | 115 | $37 |
| 246-42(2) | 4020 1115 | Current Version CCS Literature Package | 115 | $170 |
| 246-42(2) | 4020 1127 | Ethernet Fiber Optic Media Converter | 115 | $230 |
| 246-42(2) | 4020 1190 | Ethernet Card for BMTS BCU | 115 | $52 |
| 246-42(2) | 4020 1204 | BMTX Internal Modem | 115 | $167 |

# Building Energy Management and Control Products

| SIN Number | Model Number | Product Description | Product Code | GSA Price |
|---|---|---|---|---|
| 246-42(2) | 4020 1224 | BMTX BCU Operator Display Upgrade Kit | 115 | $795 |
| 246-42(2) | 4950 0457 | Comm 5 Repeater | 115 | $268 |
| 246-42(2) | 4950 0471 | BACnet IP Router ARCNET | 115 | $1,871 |
| 246-42(2) | 4950 0472 | BACnet IP Router Ethernet | 115 | $1,871 |
| 246-42(2) | BMTX001AAB000 | Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC | 115 | $3,418 |
| 246-42(2) | BMTX001AAB001 | Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC, with Internal Modem | 115 | $3,585 |
| 246-42(2) | BMTX001AAB010 | Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC, with Operator Display | 115 | $4,213 |
| 246-42(2) | BMTX001AAB011 | Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC, with Operator Display and Internal Modem | 115 | $4,380 |
| 246-42(2) | BMTX001BAB000 | Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC | 115 | $3,418 |
| 246-42(2) | BMTX001BAB001 | Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC, with Internal Modem | 115 | $3,585 |
| 246-42(2) | BMTX001BAB010 | Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC, with Operator Display | 115 | $4,213 |
| 246-42(2) | BMTX001BAB011 | Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC, with Operator Display and Internal Modem | 115 | $4,380 |
| 246-42(2) | 4020 1146 | **Validation Documentation Templates** These are documentation templates to be used for validating a Tracer Summit Critical Control System site. These templates are for single site use only and require completion by a system validation specialist. Templates include: User Requirement Specification, Design Specification, Functional Specification, Installation Qualification, Operational Qualification, Performance Qualification, Validation Master Plan, Risk Assessment, Validation Summary Report, Traceability Matrix. | 115 | $9,682 |
| 246-42(2) | 4950 0531 | BMTX Retrofit kit for BMTS & BMTW BCU | 115 | $3,418 |
| 246-42(2) | 4950 0535 | BMTX Retrofit kit for BMTS & BMTW BCU with modem | 115 | $3,585 |
| 246-42(2) | 4950 0534 | BMTX retrofit kit for Tracer 100 with modem | 115 | $3,585 |
| 246-42(2) | 4950 0532 | BMTX retrofit kit for Tracer 100 | 115 | $3,418 |

| Applied Automation Software | | | | |
|---|---|---|---|---|
| 246-42(2) | 4020 1111 | Tracer Summit Current Version Work Package (Windows) | 131 | $1,106 |
| 246-42(2) | 4020 1112 | Tracer Summit Current Version Work Demo Package (Windows) | 131 | $10 |
| 246-42(2) | 4020 1113 | Tracer Summit Current Version Software Upgrade | 131 | $253 |
| 246-42(2) | 4020 1150 | Summit + T100/Tracker Package | 131 | $1,249 |
| 246-42(2) | 4020 1151 | T100/Comm Package | 131 | $143 |
| 246-42(2) | 4020 1152 | Summit + Building Management Package | 131 | $1,372 |
| 246-42(2) | 4020 1153 | Building Management Package | 131 | $266 |
| 246-42(2) | 4020 1154 | Summit + Enterprise Management Package | 131 | $2,155 |
| 246-42(2) | 4020 1155 | Enterprise Management Package | 131 | $1,049 |

TRANE

CALMAC

*Equipment Price List*

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| **MODEL 1500C ICE BANK Tank** | | | |
| 246-42(2) | CALM-1500C | **Model 1500CSF** (same end connections), **1500CRF** (opposite end connections) **ICE BANK Tanks.** 486 nominal ton-hours each, (2) - 4" flanged connections, 89"(w) x 273"(L) x 102"(H). Price is per tank for quantities of six or less Model 1500C Tanks. For quantities of tanks greater than six, see **Reference Number # CALM-1500C-7** for the price of additional Model 1500Cs on the same project. A 1500C & 1320C lifting bar is required for Model 1500C tanks. | $28,728 |
| 246-42(2) | CALM-1500C-7 | **Additional Model 1500C ICE BANK tanks over six per project.** Price is per tank for greater than six Model 1500C tanks on the same project. A 1500C & 1320C lifting bar is required for Model 1500C tanks. | $28,035 |
| 246-42(2) | CALM-1500C-TB | **Add for Total Burial.** Buried tank option allows one (1) foot below grade burial of tank on a concrete pad. A layer of wood chips can be used to cover the tank. The price includes thicker tank walls, a center support, one set of shut off valves with access extensions for valves, and fill port extensions for each 1500C tank for field installation. | $3,120 |
| 246-42(2) | CALM-1500C-MAT | **Add for Mixair Tank Option.** Mixair tank adds the ability for air agitation to occur during discharge. See CALMAC catalog for discharge performance details. Models with Mixair require properly sized air blower and can only use Ultrasonic meters. Price for Model 1500C mixair tank is in addition to cost for standard Model 1500C tank. | $1,882 |
| **MODEL 1320C ICE BANK Tank** | | | |
| 246-42(2) | CALM-1320C | **Model 1320CSF** (same end connections), **1320CRF** (opposite end connections) **IceBank Tanks.** 324 nominal ton-hours each, (2) - 4" flanged connections, 89"(w) x 183"(L) x 102"(H). A 1500C & 1320C lifting bar is required for Model 1320C tanks. | $18,921 |

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1320C-TB | **Add for Total Burial.** Buried tank option allows one (1) foot below grade burial of tank on a concrete pad. A layer of wood chips can be used to cover the tank. The price includes thicker tank walls, a center support, one set of shut off valves with access extensions for valves, and fill port extensions for each 1320C tank for field installation. | $2,378 |
| 246-42(2) | CALM-1320C-MAT | **Add for Mixair Tank Option.** Mixair tank adds the ability for air agitation to occur during discharge. See CALMAC catalog for discharge performance details. Models with Mixair require properly sized air blower and can only use Ultrasonic meters. Price for Model 1320C mixair tank is in addition to cost for standard Model 1320C tank. | $1,238 |

### MODEL 1190C AND 1190A ICE BANK Tanks

| | | | |
|---|---|---|---|
| 246-42(2) | CALM-1190C-2F | **Model 1190C2F ICE BANK Tank.** 162 nominal ton-hours, (2) 4" flanged connections, 89" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1190C tanks. Model 1190C tanks can be installed in groups of two, three or four. | $9,708 |
| 246-42(2) | CALM-1190C-3F | **Model 1190C3F ICE BANK Tank.** 162 nominal ton-hours, (2) 4" flanged connections, 89" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1190C tanks. Model 1190C tanks can be installed in groups of two, three or four. | $9,758 |

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*Equipment Price List*

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1190C-4F | **Model 1190C4F ICE Bank Tank.** 162 nominal ton-hours, (2) 4" flanged connections, 89" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1190C tanks. Model 1190C tanks can be installed in groups of two, three or four. | $9,807 |
| 246-42(2) | CALM-1190C-TB | **Add for total burial (1190C-only).** Buried tank option allows one (1) foot below grade burial of tank on a concrete pad. A layer of wood chips can be used to cover the tank. The price includes thicker tank walls, a center support, and fill port extensions for each 1190C tank for field installation. Model 1190C tanks for direct burials can be configured in many ways so buried shut-off valves with access ports need to be counted. | $1,139 |
| 246-42(2) | CALM-1190C-MAT | **Add for Mixair Option.** Mixair tank adds the ability for air agitation to occur during discharge. See CALMAC catalog for discharge performance details. Models with Mixair require properly sized air blower and can only use Ultrasonic inventory meters. Price for Model 1190C mixair tank is in addition to cost for standard Model 1190C tank. | $619 |
| 246-42(2) | CALM-1190A | **Model 1190A ICE BANK Tank** 162 nominal ton-hours, (2) 2" flanged connections, 89" diameter x 102" tall, fork lift base. Model A tanks cannot be assembled into groups. | $9,213 |

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## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1190A-ST | **Model 1190A Salt Tank** Same as a Model 1190A tank but includes necessary hardware to operate with selected salts for freeze points below 32 deg. F. Includes stainless steel mixing pump factory mounted. (Electric service required, extra and installed by Trane) | $10,402 |
| 246-42(2) | CALM-1190A-AS28ES | **Add for salt (28 degree eutectic salt - freeze point depressant)**. For inclusion in 1190A salt tank. Shipped separately and installed by Trane. See manual for ton-hours available. | $693 |
| 246-42(2) | CALM-1190A-AS12ES | **Add for salt (12 degree eutectic salt - freeze point depressant)** For inclusion in 1190A salt tank. Shipped separately and installed by Trane. See manual for ton-hours available. | $1,981 |

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## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| **Model 1098C and 1098A ICE BANK Tanks** | | | |
| 246-42(2) | CALM-1098C-2F | **Model 1098C2F Tank.** 98 nominal ton-hours, (2) 4" flanged connections, 89" diameter x 68" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1098C tanks. Model 1098C tanks can be installed in groups of two, three or four. | $7,083 |
| 246-42(2) | CALM-1098C-3F | **Model 1098C3F ICE BANK Tank.** 98 nominal ton-hours, (3) 4" flanged connections, 89" diameter x 68" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1098C tanks. Model 1098C tanks can be installed in groups of two, three or four. | $7,133 |
| 246-42(2) | CALM-1098C-4F | **Model 1098C4F ICE BANK Tank.** 98 nominal ton-hours, (4) 4" flanged connections, 89" diameter x 68" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1098C tanks. Model 1098C tanks can be installed in groups of two, three or four. | $7,182 |
| 246-42(2) | CALM-1098C-TB | **Add for Total Burial (1098C-only).** Buried tank option allows one (1) foot below grade burial of tank on a concrete pad. A layer of wood chips can be used to cover the tank. The price includes thicker tank walls, a center support, and fill port extensions for each 1098C tank for field installation. Model 1098C tanks for direct burials can be configured in many ways so buried shut-off valves with access ports need to be counted. | $966 |
| 246-42(2) | CALM-1098C-MAT | **Add for mixair (C or A Models).** Mixair tank adds the ability for air agitation to occur during discharge. See CALMAC catalog for discharge performance details. Models with Mixair require properly sized air blower and can only use Ultrasonic inventory meters. Price for Model 1098C mixair tank is in addition to cost for standard Model 1098C tank. | $570 |

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1098A | **Model 1098A ICE BANK Tank** 98 nominal ton-hours, (2) 2" flanged connections, 89" diameter x 68" tall, fork lift base. Model A tanks cannot be assembled into groups. | $6,588 |
| 246-42(2) | CALM-1098A-ST | **Model 1098A Salt tank** Same as Model 1098A tank but includes necessary hardware to operate with selected salts for freeze points below 32 deg. F. Includes stainless steel mixing pump factory mounted. (Electric service required, extra and installed by Trane) | $7,776 |
| 246-42(2) | CALM-1098A-AS28 | **Add for salt (28 degree)** For inclusion in 1098A salt tank, shipped separately and installed by Trane. See manual for ton-hours available. | $421 |
| 246-42(2) | CALM-1098A-AS12 | **Add for salt (12 degree)** For inclusion in 1098A salt tank, shipped separately and installed by Trane. See manual for ton-hours available. | $1,189 |

### MODEL 1105C and 1105A ICE BANK Tanks

| | | | |
|---|---|---|---|
| 246-42(2) | CALM-1105C-2F | Model 1105C2F Tank. 100 nominal ton-hours, (2) 4" flanged connections, 74" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1105C tanks. Model 1105C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1105CU4F tank(s) that include internal expansion provisions. | $7,578 |

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1105C-3F | Model 1105C3F ICE BANK Tank. 100 nominal ton-hours, (3) 4" flanged connections, 74" (w) x 76" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1105C tanks. Model 1105C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1105CU4F tank(s) that include internal expansion provisions. | $7,628 |
| 246-42(2) | CALM-1105C-4F | Model 1105C4F ICE BANK Tank. 100 nominal ton-hours, (4) 4" flanged connections, 74" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1105C tanks. Model 1105C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1105CU4F tank(s) that include internal expansion provisions. | $7,677 |
| 246-42(2) | CALM-1105C-U4F | Model 1105CU4F ICE BANK Tank. 100 nominal ton-hours, (4) 4" flanged connections, 74" diameter x 102" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1105C tanks. Model 1105C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of these tank(s) that include internal expansion provisions. | $8,074 |
| 246-42(2) | CALM-1105A | **Model 1105A ICE BANK Tank** 100 nominal ton-hours, (2) 2" flanged connections, 74" diameter x 102" tall, fork lift base. Model A tanks cannot be assembled into groups. | |

**Model 1082C and 1082A ICE BANK Tanks**

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1082C-2F | Model 1082C2F ICE BANK Tank. 82 nominal ton-hours, (2) 4" flanged connections, 74"(w) x 76" (L) x 85" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1082C tanks. Model 1082C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1082CU4F tank(s) that include internal expansion provisions. | $6,588 |
| 246-42(2) | CALM-1082C-3F | Model 1082C3F ICE BANK Tank. 82 nominal ton-hours, (3) 4" flanged connections, 74"(w) x 76" (L) x 85" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1082C tanks. Model 1082C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1082CU4F tank(s) that include internal expansion provisions. | $6,637 |
| 246-42(2) | CALM-1082C-4F | Model 1082C4F ICE BANK Tank. 82 nominal ton-hours, (4) 4" flanged connections, 74"(w) x 76" (L) x 85" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1105C tanks. Model 1082C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1082CU4F tank(s) that include internal expansion provisions. | $6,687 |
| 246-42(2) | CALM-1082C-U4F | Model 1082CU4F ICE BANK Tank. 82 nominal ton-hours, (4) 4" flanged connections, 74"(w) x 76" (L) x 85" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1082C tanks. Model 1105C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of these tank(s) that include internal expansion provisions. | $7,033 |
| 246-42(2) | CALM-1082A | **Model 1082A ICE BANK Tank.** 82 nominal ton-hours, (2) 2" flanged connections, 74"(w) x 76" (L) x 85" tall, fork lift base. Model A tanks cannot be assembled into groups | $5,845 |

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1082C-MAT | **Add for Mixair.** Mixair tank adds the ability for air agitation to occur during discharge. See CALMAC catalog for discharge performance details. Models with Mixair require properly sized air blower and can only use Ultrasonic inventory meters. Price for Model 1082C mixair tank is in addition to cost for standard Model 1082C tank. | $446 |
| 246-42(2) | CALM-1082A-ST | **Model 1082A Salt tank** Same as Model 1082A tank but includes necessary hardware to operate with selected salts for freeze points below 32 deg. F. Includes stainless steel mixing pump factory mounted. (Electric service required, extra and installed by Trane) | $7,033 |
| 246-42(2) | CALM-1082A-AS28 | **Add for salt (28 degree)** For inclusion in 1082A salt tank, shipped separately and installed by Trane. See manual for ton-hours available. | $371 |
| 246-42(2) | CALM-1082A-AS12 | **Add for salt (12 degree)** For inclusion in 1082A salt tank, shipped separately and installed by Trane. See manual for ton-hours available. | $991 |

### Model 1045C and 1045A ICE BANK Tanks

| | | | |
|---|---|---|---|
| 246-42(2) | CALM-1045C-2F | Model 1045C2F ICE BANK Tank. 41 nominal ton-hours, (2) 4" flanged connections, 74"(w) x 76"(L) x 49" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1045C tanks. Model 1045C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1045CU4F tank(s) that include internal expansion provisions. | $4,805 |

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## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-1045C-3F | Model 1045C3F ICE BANK Tank. 41 nominal ton-hours, (3) 4" flanged connections, 74"(w) x 76"(L) x 49" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1045C tanks. Model 1045C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1045CU4F tank(s) that include internal expansion provisions. | $4,854 |
| 246-42(2) | CALM-1045C-4F | Model 1045C4F ICE BANK Tank. 41 nominal ton-hours, (4) 4" flanged connections, 74"(w) x 76"(L) x 49" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1045C tanks. Model 1045C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of the tanks to be model 1045CU4F tank(s) that include internal expansion provisions. | $4,904 |
| 246-42(2) | CALM-1045C-U4F | Model 1045CU4F ICE BANK Tank. 41 nominal ton-hours, (4) 4" flanged connections, 74"(w) x 76" (L) x 85" tall. A 1220C, 1190C and 1098C lifting bar is required for Model 1045C tanks. Model 1045C tanks can be installed in groups of two, three or four. Groupings of three to four tanks requires one or two of these tank(s) that include internal expansion provisions. | $5,349 |
| 246-42(2) | CALM-1045A | **Model 1045A ICE BANK Tank** 45 nominal ton-hours, (2) 2" flanged connections, 74"(w) x 76" (L) x 49" tall, fork lift base. Model A tanks cannot be assembled into groups. | $4,210 |

### Accessories

| | | | |
|---|---|---|---|
| 246-42(2) | CALM-LB1 | Lifting Bar (For 1190C, 1098C, 1105C, 1082C, 1045C Tanks) | $173 |
| 246-42(2) | CALM-LB2 | Lifting Bar (For Model 1320C and 1500C Tanks) | $396 |
| 246-42(2) | CALM-GMS | Glycol Management System (Glycol make up system) | $3,814 |
| 246-42(2) | CALM-SIIM | Standard Ice Inventory Meter (One per project, std tanks) | $1,139 |
| 246-42(2) | CALM-UIIM | Ultrasonic Ice Inventory Meter (One per project Mix air tanks) | $2,625 |

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*Equipment Price List*

## CALMAC ICE BANK Thermal Energy Storage

| SIN | Reference Number | Description | Price w/IFF |
|---|---|---|---|
| 246-42(2) | CALM-3FLEX | 3' flex connector for model A Tank (Replacement part for older tanks) | $272 |
| 246-42(2) | CALM-4FLEX | 4' flex connector for model A Tank (Replacement part for older tanks) | $297 |
| 246-42(2) | CALM-5FLEX | 5' flex connector for model A Tank (Replacement part for older tanks) | $322 |
| 246-42(2) | CALM-SOVK | Model C Tank Shut-off Valve Kit (2- 4" flanged lug type ball shut off valves for field installation) | $471 |
| 246-42(2) | CALM-BVK | Model C Tank Buried Valve Kit (2-V) | $793 |
| 246-42(2) | CALM-1190C-EJK | 1190C Expansion Joint Kit (4 packs). Required if assembling more than (3) 1190C tanks for expansion provisions. Field installed, insulated by others. | $471 |
| 246-42(2) | CALM-LHL | Lifting Hook Lid (option for A Style tanks only) | $183 |
| 246-42(2) | CALM-CT | Coolant Tester | $228 |
| 246-42(2) | CALM-5MB | 5.0 hp Mixair Blower (Models with Mixair require properly sized air blower and can only use Ultrasonic inventory meters.) | $5,548 |
| 246-42(2) | CALM-75MB | 7.5 hp Mixair Blower (Models with Mixair require properly sized air blower and can only use Ultrasonic inventory meters.) | $4,111 |
| 246-42(2) | CALM-10MB | 10.0 hp Mixair Blower (Models with Mixair require properly sized air blower and can only use Ultrasonic inventory meters.) | $5,845 |
| 246-42(2) | CALM-ASK | Aluminum Skin Kit (replacement part) (Required for mix air tank. Contact TRANE for proper size.) | $495 |
| 246-42(2) | CALM-AT | Algicide treatment (pint) one / module / 2 years. First 2 year treatment included with new tanks. | $27 |
| 246-42(2) | CALM-TR | Transducer (replacement part for inventory meter) | $545 |