

updated 8/13/2009

<b>Name</b>	<a href="#">The Trane Company</a>
<b>Contract #</b>	<a href="#">GS-07F-0248K</a>
<b>Schedule Type</b>	084 - Total Solutions for Law Enforcement,
<b>Contract #</b>	<a href="#">GS-06F-0079R</a>
<b>Schedule Type</b>	03FAC - Facility Maintenance and Management

**Equipment Pricelist and Multiplier Rates**

SIN# or Ohio STS Only	Description	Bus. Unit	Model Numbers	Product Code	FSS Rate Multiplier	Quantity Discount
246-42(2)	Adaptive Frequency™ Drive for CH530	ABU	<a href="#">AFDF<sup>7</sup></a>	206	0.432	N/A
246-42(2)	Adaptive Frequency™ Drive for UCP2	ABU	<a href="#">AFUC<sup>7</sup></a>	206	0.432	N/A
246-42(2)	CH531 Retrofit Chiller Controls	ABU	<a href="#">CVRD<sup>7</sup></a>	185	0.719	N/A
246-42(2)	Remote Mounted Starters for Centrifugal Chillers	ABU	<a href="#">CVSF<sup>7</sup></a>	114	0.430	N/A
246-42(2)	Medium Voltage Starters for Centrifugal Chillers	ABU	<a href="#">CVSJ<sup>7</sup></a>	114	0.430	N/A
246-42(2)	Wye-Delta Starters for Centrifugal Chillers	ABU	<a href="#">CVSK<sup>7</sup></a>	114	0.430	N/A
246-42(2)	Solid State Starters for CH530 Control Panels	ABU	<a href="#">CVSL<sup>7</sup></a>	114	0.430	N/A
246-42(2)	Solid State Starters for Centrifugal Chillers	ABU	<a href="#">CVSM<sup>7</sup></a>	114	0.430	N/A
246-42(2)	Engineered Conversion™ Retrofit Package	ABU	<a href="#">ENGCONV<sup>7</sup></a>	196	0.573	N/A
246-42(2)	EarthWise™ Purge	ABU	<a href="#">PRGD<sup>7</sup></a>	190	0.560	N/A
246-42(2)	Refrigerant Monitor (TruSense MG)	ABU	<a href="#">RMWE<sup>7</sup></a>	201	0.466	N/A
246-42(2)	Refrigerant Monitor (TruSense SD)	ABU	<a href="#">RMWG<sup>7</sup></a>	201	0.466	N/A
246-42(2)	RuptureGuard™ Relief Valve	ABU	<a href="#">RRVB<sup>7</sup></a>	178	0.719	N/A
246-42(2)	Self Contained Breathing Apparatus	ABU	<a href="#">SCBA<sup>7</sup></a>	208	0.432	N/A
246-42(2)	UCP2™ Micro-Control Panel Replacement for Absorption Chiller Units	ABU	<a href="#">UPC1ABS<sup>7</sup></a>	185	0.719	N/A
246-42(2)	ZN511 Products	BAS	<a href="#">Multiple<sup>5</sup></a>	100	0.344	N/A
246-42(2)	MP501 Products	BAS	<a href="#">Multiple<sup>5</sup></a>	103	0.303	N/A
246-42(2)	Service Tools	BAS	<a href="#">Multiple<sup>5</sup></a>	104	0.212	N/A
246-42(2)	End Devices and Sensors	BAS	<a href="#">Multiple<sup>5</sup></a>	107	0.293	N/A
246-42(2)	Applied Building Controllers	BAS	<a href="#">Multiple<sup>5</sup></a>	115	0.344	N/A
246-42(2)	Knowledge Based Services	BAS	<a href="#">Multiple<sup>5</sup></a>	119	0.344	N/A
246-42(2)	Applied Automation Software	BAS	<a href="#">Multiple<sup>5</sup></a>	131	0.313	N/A
246-42(2)	Integration Devices	BAS	<a href="#">Multiple<sup>5</sup></a>	159	0.344	N/A
246-42(2)	Tracker Hardware and Software	BAS	<a href="#">Multiple<sup>5</sup></a>	179	0.334	N/A
246-42(2)	Legacy Controllers	BAS	<a href="#">Multiple<sup>5</sup></a>	182	0.344	N/A
246-42(2)	VariTrac Central Control Panel	BAS	<a href="#">Multiple<sup>5</sup></a>	183	0.440	N/A
246-42(2)	Programmable Controllers	BAS	<a href="#">Multiple<sup>5</sup></a>	187	0.344	N/A
246-42(2)	WebOPS	BAS	<a href="#">Multiple<sup>5</sup></a>	318	0.344	N/A
246-42(2)	ZN517 Products	BAS	<a href="#">Multiple<sup>6</sup></a>	639	0.344	N/A
246-42(2)	VV551 Products	BAS	<a href="#">Multiple<sup>6</sup></a>	640	0.344	N/A
246-42(2)	MP503 Products	BAS	<a href="#">Multiple<sup>6</sup></a>	641	0.303	N/A
246-42(2)	EX2 Products	BAS	<a href="#">Multiple<sup>6</sup></a>	642	0.344	1% > \$100K 2% > \$200K 3% > \$300K
246-42(2)	AH541 Products	BAS	<a href="#">Multiple<sup>6</sup></a>	644	0.344	1% > \$100K 2% > \$200K 3% > \$300K
246-42(2)	ZN521 Products	BAS	<a href="#">Multiple<sup>6</sup></a>	645	0.344	1% > \$100K 2% > \$200K 3% > \$300K
246-42(2)	Tenant Services	BAS	<a href="#">Multiple<sup>6</sup></a>	648	0.313	1% > \$100K 2% > \$200K 3% > \$300K
246-52	C.D.S. Training Seminars	C.D.S.	<a href="#">Multiple<sup>6</sup></a>	616	See pricing sheets attached	1% > \$100K 2% > \$200K 3% > \$300K

246-52	C.D.S. Software	C.D.S.	<a href="#">Multiple<sup>6</sup></a>	Multiple	See pricing sheets attached	1% > \$100K 2% > \$200K 3% > \$300K
246-52	Educational Literature and Materials	C.D.S.	<a href="#">Multiple<sup>6</sup></a>	Multiple	See pricing sheets attached	1% > \$100K 2% > \$200K 3% > \$300K
246-53	Trane Rental Services	Charlotte	<a href="#">Multiple*</a>	197	0.337	1% > \$100K 2% > \$200K 3% > \$300K
246-42(2)	Split System Air-Cooled Condensing Units (20 - 60 tons)	Clarksville	<a href="#">CAUC<sup>2</sup></a>	385	0.290	1% > \$100K 2% > \$200K 3% > \$300K
246-42(2)	Split System Air-Cooled Condensing Units (80 - 120 tons)	Clarksville	<a href="#">CAUC<sup>2</sup></a>	386	0.290	3% > \$1.5M
246-42(2)	Air-Cooled Liquid Chillers (20 - 60 tons)	Clarksville	<a href="#">CGAF<sup>2</sup></a>	156	0.304	3% > \$1.5M
246-42(2)	Air-Cooled Liquid Chillers (10 - 15 tons)	Clarksville	<a href="#">CGAF<sup>2</sup></a>	418	0.304	3% > \$1.5M
246-42(2)	Split System Air-Cooled Condensing Units (20 - 60 tons)	Clarksville	<a href="#">RAUC<sup>2</sup></a>	361	0.290	N/A
246-42(2)	Split System Air-Cooled Condensing Units (80 - 120 tons)	Clarksville	<a href="#">RAUC<sup>2</sup></a>	362	0.290	N/A
246-42(2)	Single-Zone Rooftop Air Conditioners (20 - 75 tons) IntelliPak™	Clarksville	<a href="#">S*HF<sup>2</sup></a>	383	0.278	N/A
246-42(2)	Single-Zone Rooftop Air Conditioners (90 - 130 tons) IntelliPak™	Clarksville	<a href="#">S*HG<sup>2</sup></a>	393	0.278	N/A
246-42(2)	Single-Zone Rooftop Air Conditioners (27 1/2 - 50 tons) Voyager™ III	Clarksville	<a href="#">YC*, TC*, TE*<sup>2</sup></a>	382	0.278	N/A
246-42(2)	CenTraVac™ Water-Cooled Centrifugal Liquid Chillers (1500 - 3950 Tons)	La Crosse	<a href="#">CDHF<sup>4</sup></a>	347	0.310	N/A
246-42(2)	CenTraVac™ Water-Cooled Centrifugal Liquid Chillers (170 - 500 Tons)	La Crosse	<a href="#">CVHE<sup>4</sup></a>	347	0.310	3% > \$500K
246-42(2)	CenTraVac™ Water-Cooled Centrifugal Liquid Chillers (350 - 1720 Tons)	La Crosse	<a href="#">CVHF<sup>4</sup></a>	347	0.310	3% > \$500K
246-42(2)	Modular (M-Series) Climate Changer Air Handlers \$1 - \$110,000	Lexington	<a href="#">M-Series</a>	150A	0.294	3% > \$500K
246-42(2)	Modular (M-Series) Climate Changer Air Handlers \$110,001 - \$240,000	Lexington	<a href="#">M-Series</a>	150B	0.266	3% > \$500K
246-42(2)	T-Series Climate Changer Air Handlers \$1 - \$94,000	Lexington	<a href="#">M-Series</a>	151A	0.315	3% > \$500K
246-42(2)	T-Series Climate Changer Air Handlers \$94,001 - \$180,000	Lexington	<a href="#">M-Series</a>	151B	0.293	3% > \$500K
246-42(2)	Low Voltage Controls for M or T-Series Climate Changer Air Handling Units	Lexington	<a href="#">M-Series</a>	200	0.321	3% > \$500K
246-42(2)	High Voltage Controls for M or T-Series Climate Changer Air Handling Units	Lexington	<a href="#">M-Series</a>	218	0.321	3% > \$500K
246-42(2)	Water-Cooled and Condenserless Scroll Liquid Chillers (20-60 Tons)	Pueblo	<a href="#">CCAF<sup>3</sup></a>	155	0.360	N/A
246-42(2)	Water-Cooled Scroll Liquid Chillers (20-60 Tons)	Pueblo	<a href="#">CGWF<sup>3</sup></a>	155	0.360	N/A
246-42(2)	Air-Cooled Series R <sup>®</sup> Rotary Liquid Chillers (70-125 Tons)	Pueblo	<a href="#">RTAA<sup>3</sup></a>	354	0.320	N/A
246-42(2)	Air Cooled Series R <sup>®</sup> Rotary Liquid Chillers (130-500 Tons)	Pueblo	<a href="#">RTAC<sup>3</sup></a>	154	0.303	N/A
246-42(2)	Water-Cooled Series R <sup>®</sup> Rotary Liquid Chillers (130-150 Tons)	Pueblo	<a href="#">RTHB<sup>3</sup></a>	153	0.318	N/A
246-42(2)	Water-Cooled Series R <sup>®</sup> Rotary Liquid Chillers (175-450 Tons)	Pueblo	<a href="#">RTHD<sup>3</sup></a>	153	0.318	N/A
246-42(2)	Water-Cooled and Condenserless Series R <sup>®</sup> Rotary Liquid Chillers (70-125 Tons)	Pueblo	<a href="#">RTUA<sup>3</sup></a>	355	0.359	N/A
246-42(2)	Water-Cooled Series R <sup>®</sup> Rotary Liquid Chillers (70-125 Tons)	Pueblo	<a href="#">RTWA<sup>3</sup></a>	355	0.359	N/A
246-42(2)	Water Source Heat Pumps - Optional Factory Mounted Controls	Waco	<a href="#">Controls<sup>1</sup></a>	126	0.300	N/A
246-42(2)	Unit Ventilator Controls	Waco	<a href="#">Controls<sup>1</sup></a>	242	0.300	N/A

246-42(2)	Water Source Heat Pumps - Premium Efficiency Water-to-water	Waco	<a href="#">EXWA<sup>1</sup></a>	331	0.290	N/A
246-42(2)	Water Source Heat Pumps - High Efficiency Console	Waco	<a href="#">GECA<sup>1</sup></a>	331	0.290	N/A
246-42(2)	Water Source Heat Pumps - High Efficiency Horizontal	Waco	<a href="#">GEHA<sup>1</sup></a>	331	0.290	N/A
246-42(2)	Water Source Heat Pumps - Vertical Stack	Waco	<a href="#">GETA<sup>1</sup></a>	332	0.300	N/A
246-42(2)	Water Source Heat Pumps - High Efficiency Vertical	Waco	<a href="#">GEVA<sup>1</sup></a>	331	0.290	N/A
246-42(2)	Horizontal Classroom Unit Ventilators	Waco	<a href="#">HUVB<sup>1</sup></a>	42	0.280	N/A
246-42(2)	Unit Ventilator Shelving and Accessories	Waco	<a href="#">SHLA<sup>1</sup></a>	77	0.290	N/A
246-42(2)	Unit Ventilator Sidewall Exhaust	Waco	<a href="#">SWE<sup>1</sup></a>	77	0.290	N/A
246-42(2)	Self Contained Unit Ventilators	Waco	<a href="#">TACB<sup>1</sup></a>	142	0.280	N/A
246-42(2)	Self Contained Unit Ventilators	Waco	<a href="#">THPB<sup>1</sup></a>	142	0.280	N/A
246-42(2)	Vertical Classroom Unit Ventilators	Waco	<a href="#">VUVB<sup>1</sup></a>	42	0.280	N/A
246-42(2)	Unit Ventilator Accessories	Waco	<a href="#">Wall Boxes<sup>1</sup></a>	77	0.290	N/A
246-42(2)	Unit Ventilator Water Source Heat Pumps	Waco	<a href="#">WPCD<sup>1</sup></a>	328	0.290	N/A
246-42(2)	Water Source Heat Pumps - Premium Efficiency Horizontal	Waco	<a href="#">WPHF<sup>1</sup></a>	176	0.320	N/A
246-42(2)	Water Source Heat Pumps - Premium Efficiency Vertical	Waco	<a href="#">WPVJ<sup>1</sup></a>	176	0.320	N/A
246-42(2)	Water Source Heat Pumps - Premium Efficiency Water-to-water	Waco	<a href="#">WPWD<sup>1</sup></a>	75	0.300	N/A
Ohio STS Discount	Air-Cooled Scroll Chiller	Clarksville	<a href="#">CGAM</a>	664	0.330	N/A
Ohio STS Discount	Performance Climate Changer, Outdoor Unit	Lexington	<a href="#">CSAA</a>	50	0.390	N/A
Ohio STS Discount	Performance Climate Changer, Indoor Unit		<a href="#">CSIA</a>	50	0.390	N/A
Ohio STS Discount	Series R(TM) 70-250 Ton Water-Cooled	Pueblo	<a href="#">RTWD</a>	703	0.330	N/A
Ohio STS Discount	Gas Furnace	Clarksville	<a href="#">Multiple</a>	431	0.390	N/A
Ohio STS Discount	Furnace Condensing Unit	Clarksville	<a href="#">Multiple</a>	426	0.390	N/A
Ohio STS Discount	Furnace Cooling Coil	Clarksville	<a href="#">Multiple</a>	413	0.390	N/A
Ohio STS Discount	Evapco Products	Taneytown	<a href="#">Multiple</a>	ALL	0.650	N/A
Ohio STS Discount	Ice Storage Units	Calmac	<a href="#">Multiple</a>	ALL	See pricing sheets attached	N/A
Ohio STS Discount	Sofame Products	Sofame	<a href="#">Multiple</a>	ALL	0.700	N/A
Ohio STS Discount	Motivair Products	Motivair	<a href="#">Multiple</a>	ALL	0.370	N/A
Ohio STS Discount	Dynamic Air Cleaners	Dynamic	<a href="#">Multiple</a>	ALL	0.370	N/A
Ohio STS Discount	LAKOS Water Filtration	Lakos	<a href="#">Multiple</a>	ALL	0.370	N/A
Ohio STS Discount	Skil-Aire Air Conditioners	Skil-Aire	<a href="#">Multiple</a>	ALL	0.370	N/A
Ohio STS Discount	Systecon Packaged Pumping	Systecon	<a href="#">Multiple</a>	ALL	0.370	N/A
Ohio STS Discount	Pool Pak Dehumidification Units	Pool Pak	<a href="#">Multiple</a>	ALL	0.370	N/A
Ohio STS Discount	Window and Door Products	Pella	<a href="#">Multiple</a>	ALL	0.550	N/A
Ohio STS Discount	Boiler Systems	Misc.	<a href="#">Multiple</a>	ALL	0.750	N/A
Ohio STS Discount	Variable Frequency Drives	Misc.	<a href="#">Multiple</a>	ALL	0.400	N/A
Ohio STS Discount	Shut off VAV	Rushville	<a href="#">Multiple</a>	73	0.344	N/A
Ohio STS Discount	Fan Powered VAV	Rushville	<a href="#">Multiple</a>	373	0.362	N/A
Ohio STS Discount	VAV Controls (Single Duct)	Rushville	<a href="#">Multiple</a>	283	0.307	N/A
Ohio STS Discount	VAV Controls (Fan Powered)	Rushville	<a href="#">Multiple</a>	293	0.362	N/A
Ohio STS Discount	VAV Retrofit Controls	Rushville	<a href="#">Multiple</a>	294	0.370	N/A
Ohio STS Discount	VariTrac	Rushville	<a href="#">Multiple</a>	473	0.520	N/A
Ohio STS Discount	Fan Coil Controls	Macon	<a href="#">Multiple</a>	223	0.358	N/A
Ohio STS Discount	Fan Coils	Macon	<a href="#">Multiple</a>	278	0.358	0.213 above \$200k
Ohio STS Discount	Convectors	Macon	<a href="#">Multiple</a>	44	0.337	N/A
Ohio STS Discount	SSC: 1-6 Ton Unitary Split	Clarksville	<a href="#">Multiple</a>	160	0.286	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	616	0.301	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	390	0.301	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	411	0.301	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	415	0.301	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	416	0.301	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	419	0.301	N/A
Ohio STS Discount	SSC2: 7.5-20 Ton Unitary	Clarksville	<a href="#">Multiple</a>	425	0.301	N/A
Ohio STS Discount	T4C: 3-10 Ton R-410A Pkgd U	Clarksville	<a href="#">Multiple</a>	161	0.315	N/A
Ohio STS Discount	T4C: 3-10 Ton R-410A Pkgd U	Clarksville	<a href="#">Multiple</a>	289	0.315	N/A
Ohio STS Discount	T4C: 3-10 Ton R-410A Pkgd U	Clarksville	<a href="#">Multiple</a>	390	0.315	N/A
Ohio STS Discount	T4C: 3-10 Ton R-410A Pkgd U	Clarksville	<a href="#">Multiple</a>	425	0.315	N/A
Ohio STS Discount	T4C: 3-10 Ton R-410A Pkgd U	Clarksville	<a href="#">Multiple</a>	517	0.315	N/A
Ohio STS Discount	T4C: 3-10 Ton R-410A Pkgd U	Clarksville	<a href="#">Multiple</a>	518	0.315	N/A
Ohio STS Discount	TCD 12.5-25 Ton Packaged	Clarksville	<a href="#">Multiple</a>	161	0.301	N/A
Ohio STS Discount	TCD 12.5-25 Ton Packaged	Clarksville	<a href="#">Multiple</a>	390	0.301	N/A
Ohio STS Discount	TCD 12.5-25 Ton Packaged	Clarksville	<a href="#">Multiple</a>	463	0.301	N/A
Ohio STS Discount	T C: 3-10 Ton R-22 Pkgd Unit	Clarksville	<a href="#">Multiple</a>	161	0.310	N/A
Ohio STS Discount	T C: 3-10 Ton R-22 Pkgd Unit	Clarksville	<a href="#">Multiple</a>	281	0.310	N/A

Ohio STS Discount	<b>T_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	282	0.310	N/A
Ohio STS Discount	<b>T_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	289	0.310	N/A
Ohio STS Discount	<b>T_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	390	0.310	N/A
Ohio STS Discount	<b>T_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	425	0.310	N/A
Ohio STS Discount	<b>W4C: 3-5 Ton R-410 Package</b>	Clarksville	<a href="#">Multiple</a>	161	0.315	N/A
Ohio STS Discount	<b>W4C: 3-5 Ton R-410 Package</b>	Clarksville	<a href="#">Multiple</a>	289	0.315	N/A
Ohio STS Discount	<b>W4C: 3-5 Ton R-410 Package</b>	Clarksville	<a href="#">Multiple</a>	390	0.315	N/A
Ohio STS Discount	<b>W4C: 3-5 Ton R-410 Package</b>	Clarksville	<a href="#">Multiple</a>	425	0.315	N/A
Ohio STS Discount	<b>W4C: 3-5 Ton R-410 Package</b>	Clarksville	<a href="#">Multiple</a>	515	0.315	N/A
Ohio STS Discount	<b>W4C: 3-5 Ton R-410 Package</b>	Clarksville	<a href="#">Multiple</a>	516	0.315	N/A
Ohio STS Discount	<b>WCD : 12.5-20 Ton Package</b>	Clarksville	<a href="#">Multiple</a>	161	0.301	N/A
Ohio STS Discount	<b>WCD : 12.5-20 Ton Package</b>	Clarksville	<a href="#">Multiple</a>	390	0.301	N/A
Ohio STS Discount	<b>WCD : 12.5-20 Ton Package</b>	Clarksville	<a href="#">Multiple</a>	465	0.301	N/A
Ohio STS Discount	<b>W_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	161	0.301	N/A
Ohio STS Discount	<b>W_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	284	0.301	N/A
Ohio STS Discount	<b>W_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	287	0.301	N/A
Ohio STS Discount	<b>W_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	289	0.301	N/A
Ohio STS Discount	<b>W_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	390	0.301	N/A
Ohio STS Discount	<b>Y4C: 3-10 Ton R-410A Pkgd U</b>	Clarksville	<a href="#">Multiple</a>	289	0.315	N/A
Ohio STS Discount	<b>Y4C: 3-10 Ton R-410A Pkgd U</b>	Clarksville	<a href="#">Multiple</a>	390	0.315	N/A
Ohio STS Discount	<b>Y4C: 3-10 Ton R-410A Pkgd U</b>	Clarksville	<a href="#">Multiple</a>	425	0.315	N/A
Ohio STS Discount	<b>Y4C: 3-10 Ton R-410A Pkgd U</b>	Clarksville	<a href="#">Multiple</a>	513	0.315	N/A
Ohio STS Discount	<b>Y4C: 3-10 Ton R-410A Pkgd U</b>	Clarksville	<a href="#">Multiple</a>	514	0.315	N/A
Ohio STS Discount	<b>YCD : 12.5- 25 Ton Package</b>	Clarksville	<a href="#">Multiple</a>	390	0.301	N/A
Ohio STS Discount	<b>YCD : 12.5- 25 Ton Package</b>	Clarksville	<a href="#">Multiple</a>	467	0.301	N/A
Ohio STS Discount	<b>Y_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	279	0.310	N/A
Ohio STS Discount	<b>Y_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	280	0.310	N/A
Ohio STS Discount	<b>Y_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	289	0.310	N/A
Ohio STS Discount	<b>Y_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	390	0.310	N/A
Ohio STS Discount	<b>Y_C: 3-10 Ton R-22 Pkgd Unit</b>	Clarksville	<a href="#">Multiple</a>	425	0.310	N/A
Ohio STS Discount	<b>HVAC Project Management</b>	Columbus	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC Project Management</b>	Cincinnati	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC Project Management</b>	Toledo	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC DDC Control Installation</b>	Columbus	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC DDC Control Installation</b>	Cincinnati	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC DDC Control Installation</b>	Toledo	<a href="#">Multiple</a>	N/A	\$125.00	N/A
Ohio STS Discount	<b>HVAC DDC Control Service Technician</b>	Columbus	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC DDC Control Service Technician</b>	Cincinnati	<a href="#">Multiple</a>	N/A	\$115.00	N/A
Ohio STS Discount	<b>HVAC DDC Control Service Technician</b>	Toledo	<a href="#">Multiple</a>	N/A	\$125.00	N/A
Ohio STS Discount	<b>HVAC Mechanical/Electrical Service Technician</b>	Columbus	<a href="#">Multiple</a>	N/A	\$88.00	N/A
Ohio STS Discount	<b>HVAC Mechanical/Electrical Service Technician</b>	Cincinnati	<a href="#">Multiple</a>	N/A	\$85.00	N/A
Ohio STS Discount	<b>HVAC Mechanical/Electrical Service Technician</b>	Toledo	<a href="#">Multiple</a>	N/A	\$99.00	N/A



## Trane Rental Services

SIN	Model Number	Product for Rent	Product Code	GSA Monthly Rental Rate
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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
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### 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
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### Flex Duct Rental

246-53	CS-FD-01	20" Flex Duct [contains (4) 25 foot sections of Flex]	197	\$294
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### 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
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### 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 Multiplier.  
 (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
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(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 Multi-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
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**(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
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### 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	<b>Validation Documentation Templates</b> 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



**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
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**MODEL 1500C ICE BANK Tank**

246-42(2)	CALM-1500C	<b>Model 1500CSF</b> (same end connections), <b>1500CRF</b> (opposite end connections) <b>ICE BANK Tanks</b> . 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 <b>Reference Number # CALM-1500C-7</b> 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	<b>Additional Model 1500C ICE BANK tanks over six per project.</b> 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	<b>Add for Total Burial.</b> 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	<b>Add for Mixair Tank Option.</b> 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	<b>Model 1320CSF</b> (same end connections), <b>1320CRF</b> (opposite end connections) <b>IceBank Tanks</b> . 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
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**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
246-42(2)	CALM-1320C-TB	<b>Add for Total Burial.</b> 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	<b>Add for Mixair Tank Option.</b> 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	<b>Model 1190C2F ICE BANK Tank.</b> 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	<b>Model 1190C3F ICE BANK Tank.</b> 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



**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
246-42(2)	CALM-1190C-4F	<b>Model 1190C4F ICE Bank Tank.</b> 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	<b>Add for total burial (1190C-only).</b> 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	<b>Add for Mixair Option.</b> 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	<b>Model 1190A ICE BANK Tank</b> 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



**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
246-42(2)	CALM-1190A-ST	<b>Model 1190A Salt Tank</b> 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	<b>Add for salt (28 degree eutectic salt - freeze point depressant)</b> . 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	<b>Add for salt (12 degree eutectic salt - freeze point depressant)</b> For inclusion in 1190A salt tank. Shipped separately and installed by Trane. See manual for ton-hours available.	\$1,981



**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
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**Model 1098C and 1098A ICE BANK Tanks**

246-42(2)	CALM-1098C-2F	<b>Model 1098C2F Tank.</b> 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	<b>Model 1098C3F ICE BANK Tank.</b> 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	<b>Model 1098C4F ICE BANK Tank.</b> 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	<b>Add for Total Burial (1098C-only).</b> 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	<b>Add for mixair (C or A Models).</b> 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



**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
246-42(2)	CALM-1098A	<b>Model 1098A ICE BANK Tank</b> 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	<b>Model 1098A Salt tank</b> 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	<b>Add for salt (28 degree)</b> 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	<b>Add for salt (12 degree)</b> 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
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**Equipment Price List**

**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	<b>Model 1105A ICE BANK Tank</b> 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**



**Equipment Price List**

**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	<b>Model 1082A ICE BANK Tank.</b> 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



**Equipment Price List**

**CALMAC ICE BANK Thermal Energy Storage**

SIN	Reference Number	Description	Price w/IFF
246-42(2)	CALM-1082C-MAT	<b>Add for Mixair.</b> 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	<b>Model 1082A Salt tank</b> 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	<b>Add for salt (28 degree)</b> 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	<b>Add for salt (12 degree)</b> 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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**Equipment Price List**

**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	<b>Model 1045A ICE BANK Tank</b> 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



**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