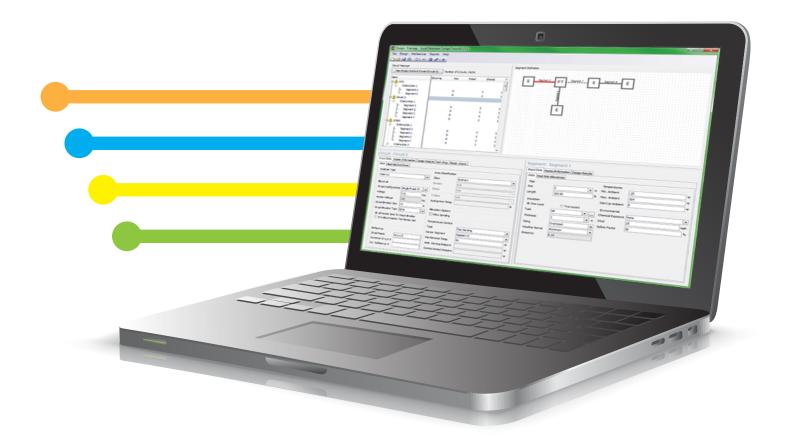
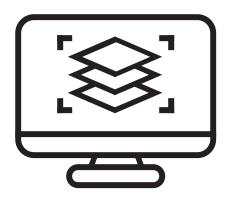
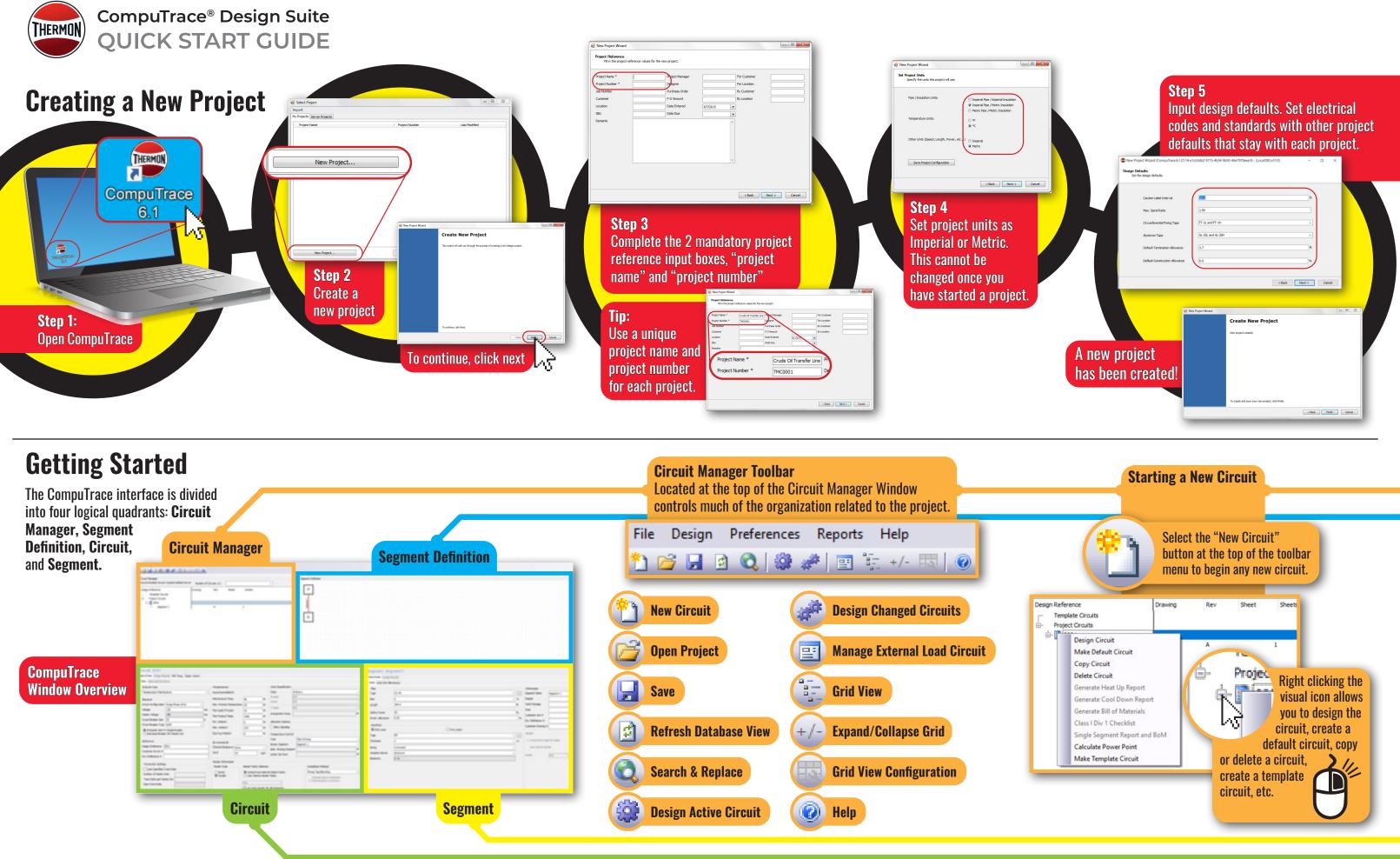


CompuTrace[®] Design Suite QUICK START GUIDE





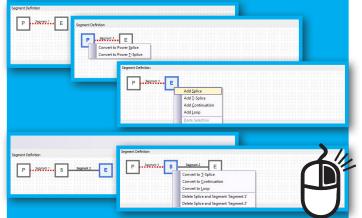
Welcome to the new and improved CompuTrace Design Suite. Follow this Quick Start Guide to begin creating electrical heat tracing circuits for piping. Thermon has set the standard in heat tracing design software with the ability to include multiple segments in one connection. CompuTrace Design Suite is now available worldwide.



Design Defaults Set the desi					
	ution Label Interval			t t	
Net State	s. Spiral Ratio	1.90			
Or	unferential Fixing Tape	FT-1L and FT-1H		~	
Alu	ninum Tape	AL-20L and AL-20H		~	
Def	ault Termination Allowance	1.7		n.	
Def	ault Construction Allowance	0.0			
		\sim			
			< Back	Next > Cancel	
		New Project Wizard			8 1
			Create New Project		
			Create New Project		
A new proied	t				
A new project	t atadi				
A new projec has been cre	t ated!				
A new projec has been cre	et ated!				
A new projec has been cre	t ated!				

Segment Definition Window

Used to define the segments that make up the circuit. Right clicking on the nodes (interactive boxes) can add new segments or re-define existing ones. This window is where you will see a graphic representation of the circuit and its associated components.



To interact with elements in the Segment Definition Window, Right Click and add to your circuit. To autoarrange the content, right click in the open space and select "auto-arrange.



Use your mouse to drag and select elements inside the Segment Definition Window. This allows you to copy, delete, and move the segment to a new circuit.

Circuit Window

All inputs that effect the entire circuit or connection are on this corner of the screen. Analysis type, voltage, breaker size/type, control methods are examples of inputs that cannot vary by segment.

ate Heat Up/Cod D										
	Delta.									
Analysis Type		Temperatures			Area Casafication					
Temperature Naintenance 🗸 🗸		layoutControlEan6			Cass	Ordinary				
Dethod			Maintenance Texp.	-0			144		19	
Drouit Canfiguration	Single Phase (P-N)	~	Nex. Process Temperature	. 35						
inflage	130	Ver.	Nov Upper Process	25	-	T-Cam	4			
kaler toltage	130	int .	New Product Temp.	1000	-21	Autogration Temp.				
Intel Breaker Size	30	A	No. Anianti		-0	Allocation Options				
International Property Name	0.08	v i	Nas, Anitard	104	-2	Allow Spinning				
R All teater Sets 1 O Individual Broaks			Start Up Andrent	0	÷	Temperature Control				
Leference .			Internetal			foe Senang				
lesip Reference	1001		Cherical Disposure Intere	• •		Senaor Segment Ands. Senang Seton	Segret 1			
Cueloner Crouit #			wind 25	1	ngh	Limber Set Part	•			
tat. Reference #						Linker Set Point	_			
Connection Setting			Heater Difernation Heater Style	Heater Family	Selector			Installation Wethod		
Liter Specified Trace Rate Number of Header Sets Trace Rates per Header Sets		Oteres	Compultance Selecte Header Family				Paing Tape,Banding			
		@Paste			r Fanily		Orannel Above Centerline			
Ppe Trace Rate				NA						
				Duse Save Heater for						

Segment Window

Input values associated with each segment. The values can change between the multiple segments. Pipe size/length, Insulation specifications, ambient conditions are examples of segment level variables.

Size 2 n Hode n Hode n Hode n Hode new for the Lawren Size n Hode new for the Lawren Size new for the	Colo Heat Sink Allo	wances					
See 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pipe				Information		
tangh 201.0 n Wolk Pologe Act Safety Fact 2 2 n n Cost no line # Act Contr. Alloware 200 n n Cost no line # Cost no line	Тури	(5-4)	¥	-	Segment Name	Segment 1	
Safety Pactor 20 Acca Careat, Allowerce 8,00 Safety	Size	2	Ý	in	Module		
Safety Faire 20 56 Cathere Life 2 50 56 Cathere Life 2 56 56 56 56 56 56 56 56 56 56 56 56 56	Length	100.0		e	Work Package		
Control Marcano Build Build Book layer Custome Diversity at Custome Diversity at Custome Diversity at Dischares Custome Diversity at Custome Diversity at Dischares Text Beit Custome Diversity at Dischares Diversity at Custome Diversity at Dischares Diversity at Custome Diversity at Diversity at Dischares Diversity at Custome Diversity at Diversity at Diversi		[bb			Arca		
Instalten Ext. Reference # @ One town Others town @ One town Instalter Park ************************************					Customer Line #		
Straktion Custors: Draining # @ One larger Office Larger Custors: Draining # Figure ##	Const. Moviance	0.00		10	Ext. Reference #		
Bonk raw Orbeitagens Par Per v Imate Stokens I v m Computing Stocks instants	Insisten						
Fige PP V III Thickness 1 C Comput Auss Selects House	One Layer	OTwolayers					
Thidness v n Compulsions Selects Heater	Type	14 ·	~		Heater		
Sting Oversited v Other Selects Heater	Trickness	1			Compulhace Selects Heater		
	Sizing	Oversized	~				
ilester farier Aknivun v Pouter Inia	liester Barrier	Auninum	~				
	Oniosivity	0.12			reator	NA .	
Unater Barley Barley	Trickness Szing	l Oversteed	~ ~		Cuer Selects He	der .	
	Current August	9-12					

Circuit Design & Results

After completing the data entry, click the "design active circuit" button to view your results. When you have multiple undesigned circuits, you can select the "design changed circuits" button to design more than one circuit at a time.



There are four visual icons that lead the user through the design process. Design results are explained in both the circuit and segment result tab.



Once you have a successful design, you can generate a bill of materials and multiple reports with the options in the reports tab.



CompuTrace[®] Design Suite QUICK START GUIDE



www.thermon.com