

# TRACE<sup>®</sup> 3D PLUS

## Product Comparison



FEATURE	TRACE <sup>®</sup> 3D Plus Full	TRACE <sup>®</sup> 700	TRACE <sup>®</sup> 3D Plus	TRACE <sup>®</sup> 700
	Version 3 (Load Design Seamlessly Integrated)	(Integrates with Load Design)	Load Version 3	Load Design
Comprehensive Whole Building HVAC Design Sizing	✓	✓	✓	✓
Comprehensive Whole Building Energy and Economics Analysis	✓	✓		
Import Full Year Weather	✓	✓	✓	✓
Full Year 8760 Weather Included	✓		✓	
Includes Chiller Plant Analyzer (Import Hourly Building Load Profiles)		✓		
Trace-over Floor Plan Images	✓		✓	
Fully Integrated 2 and 3D Building Visualization	✓		✓	
Building Self-Shading w/Time Lapse Visualization	✓		✓	
Model Array Windows	✓		✓	
Import gbXML	✓	✓	✓	✓
Spreadsheet Data Entry Views		✓		✓
Model Daylighting		✓		
Preconfigured Building Themes (Over 200 Room Types)	✓		✓	
EnergyPlus <sup>®</sup> Simulation Engine (Open Source - DOE Developed)	✓	Proprietary Engine	✓	Proprietary Engine
ASHRAE <sup>®</sup> Standard 140-2014 Compliant	✓	✓		
Models ASHRAE 90.1 (2004, 7, 10, 13)	✓	✓		
Includes ASHRAE 90.1 Libraries (2004, 7, 10, 13)	✓	✓	✓	✓
LEED <sup>®</sup> Wizard (Automated Baseline 2007, 10, 13)	✓	2007, 10 only		
Configurable Systems Library (Including Sensor Locations)	✓		✓	
Configurable Zone Level Equipment	✓		✓	
Comprehensive VRF Modeling (Including Heat Recovery Losses)	✓		✓	
Visual Room, Zone, and System Assignments	✓		✓	
Configurable Plants Library (Including Sensor Locations)	✓		✓	
Visual Schedule Profiles	✓		✓	
Model Renewable Energy (PV, Wind, Etc.)	✓			
Model Radiant Systems	✓		✓	
Model Ice Storage	✓	✓		
Model Complex Heat Exchanger Loops	✓		✓	
Complex Metering	✓			
Simulate Models in the Cloud (No Setup needed)	✓		✓	
Advanced Cloud Sensitivity Analytics	✓		✓	
Compare More Than 4 Alternatives	✓		✓	
Detailed Time Series Data Visualization	✓	Simple		



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](http://trane.com) or [tranetechnologies.com](http://tranetechnologies.com).

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