

TRACE[®] 3D PLUS

Product Comparison



FEATURE	TRACE [®] 3D Plus Full	TRACE [®] 700	TRACE [®] 3D Plus	TRACE [®] 700
	Version 4 (Load Design Seamlessly Integrated)	(Integrates with Load Design)	Load Version 4	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 with Scaling	✓		✓	
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 [®] Simulation Engine (Open Source - DOE Developed)	✓	Proprietary Engine	✓	Proprietary Engine
ASHRAE [®] Standard 140-2014 Compliant	✓	✓		
Models ASHRAE 90.1 (2004, 7, 10, 13, 16)	✓	✓ Excluding 2016		
Includes ASHRAE 90.1 Libraries (2004, 7, 10, 13, 16)	✓	✓ Excluding 2016	✓	✓
LEED [®] Wizard (Automated Baseline 2007, 10, 13, 16)	✓	✓ Excluding 2016		
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 and Parametric Analytics	✓		✓	
Compare More Than 4 Alternatives	✓		✓	
Detailed Time Series Data Visualization	✓	Simple		
Undo/Redo Capabilities (Building Area only)	✓		✓	



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 or tranetechnologies.com.

All trademarks referenced in this document are the trademarks of their respective owners.

© 2021 Trane. All Rights Reserved.

CDS-SLB018-EN
11/11/2021