

1 Global Definitions

Date	Jul 21, 2026 2:49:16 PM
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Global settings

Name	MET340 5 4 1.mph
Path	C:\Users\jberr030\Downloads\MET340_5_4 1.mph
COMSOL version	COMSOL 5.1 (Build: 145)

Used products

COMSOL Multiphysics
CAD Import Module

2 Component 1

2.1 Definitions

2.1.1 Variables

Variables 1

Selection

Geometric entity level	Entire model
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Name	Expression	Unit	Description
h1	200 [W/m^2/degC]	W/(m^2*K)	
h2	350 [W/m^2/degC]	W/(m^2*K)	
h3	500 [W/m^2/degC]	W/(m^2*K)	
k	40 [W/m/degC]	W/(m*K)	
g	1E6 [W/m^3]	W/m^3	
Tinf	150 [degC]	K	

2.1.2 Coordinate Systems

Boundary System 1

Coordinate system type	Boundary system
Tag	sys1