



EcosimPro Libraries Fact Sheet

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PHENOMENA\LIBRARY	ECLSS	PROCESS	FLUIDAPRO	PROPSAT/ PIPELIQTRAN	THERMAL- BALANCE	ESPSS	CRYOLIB	TURBO
BURNERS								
Combustors & Preburners					√	√		√
1D Combustion Model						√		
Emission calculation								√
NOZZLES								
Nozzles						√		√
1D Nozzles & cold thrusters						√		
Cooling jackets (two-phase flow)						√		
TURBOMACHINERY								
Turbines & compressors					√	√	√	√
BETA /ZETA/MFT Maps								√
Gamma / Reynold corrections								√
Secondary Air System bleeds								√
Variable Stator Vane Angle								√
Cooled turbines								√
INDUSTRIAL DEVICES								
Industrial reactors	√	√						
Column distillation		√						
Furnaces & dryers		√						
Cabin & crew	√							
Absorber & separators	√						√	
Electrolyser	√							
Steam turbines					√			
Moisture separators					√			
Evaporators and boiler steam					√			
Cooling towers					√			
OTHERS								
Direct steady calculation	√	√			√			√