Pre-processor of NETS : NETSGEN

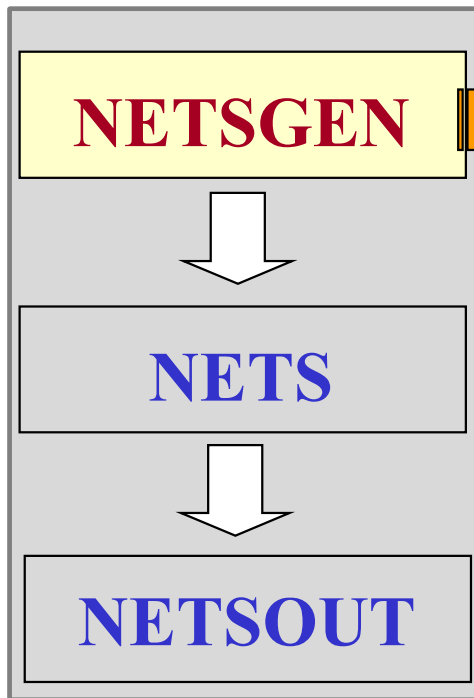NETSGEN → NETS → NETSOUT

Build a calculation model by drawing a heat, ventilation, and gas network model on the screen.

Pre-processor NETSGEN outline

Sub-process	Thermal Network Model	Airflow Network Model	Gas Flow Network Model
Characteristics materials — Conductivity, Discharge coefficient,etc.	Model elements		
Finite Element Method	Partial model — (ex)Heat exchanger	(ex)One floor ofbldg	(ex)Wall
Model Condensation	Subsystems	Nodal correspondence between models	
Driving conditions — Mode change — Feedback control — Daily schedule — Periodic schedule	Coupled total system		