

Table 10-5. Typical Systems and Recommended Correlations

Type of System	Recommended Property Package
Air Separation	PR, PRSV
Atm. Crude Towers	PR, PR Options, GS
Chemical Systems	Activity Models, PRSV
Cryogenic Gas Processing	PR, PRSV
Ethylene Towers	Lee Kesler Plocker
HF Alkylation	PRSV, NRTL
High H ₂ Systems	PR, ZJ or GS
Hydrate Inhibition	PR
Reservoir Systems	PR, PR Options
Sour Water	PR, Sour PR
Steam Systems	Steam Package, CS or GS
TEG Dehydration	PR
TEG Dehydration with Aromatics	PR
Vacuum Towers	PR, PR Options, GS < 10 mm Hg, Braun K10, Esso K