

## ProDyn LIST OF STANDARD MODELS OFFERED

### **A Series (13 models)**

A1	Tank Model
A2	Basic Centrifugal Pump
A3	Heat Exchanger
A8	Interacting Controllers
A11	Flash Tank
A12	Condenser
A13	Reboiler
A14	Air Cooler
A16	Steam Turbine
A17	Batch Reactor
A18	CSTR
A19	Plug Flow Reactor
A20	Fixed Bed Reactor

### **B Series (18 Models)**

B1	Basic Controls ("Glasslab Plant A")
B2	Liquid-liquid extraction ("Glasslab Plant B")
B3	Fixed bed reactor ("Glasslab Plant C")
B4	Ion exchange ("Glasslab Plant D")
B5	Distillation unit ("Glasslab Plant E")
B6	pH control (academic) ("Glasslab Plant F")
B7	Tanks in series
B8	Mixing vessel
B9	Steam boiler with 3 element level control
B10	Reciprocating compressor
B11	Compressor with anti-surge control
B13	Reverse Osmosis Unit
B14	Basic Unit Operations
B15	Instrumentation II
B16	Natural Draft Fired Heater
B17	pH Control (Industrial)
B18	Gas Turbine
B19	Three Phase Separator

### **C Series (10 Models)**

C1	Crude distillation unit (cdu)
C2	Amine treating unit
C4	Gas concentration unit
C5	Naphtha hydrotreater
C8	Advanced Distillation Unit
C10	Sour Water Stripper Unit
C11	Naphtha splitter
C13	Product Fractionator
C14	Wet Gas Compressor
C15	TEG Dehydration Unit

### **D Series (5 Models)**

D3	Hydrogen plant
D4	Oil & gas platform
D5	Power plant (Coal fired)
D7	PRT
D8	Cogen Plant (300 MW)