



Standard Features

- Packaged and Tested Complete System - requires only service hook-up connections for operation
- ASME CODE Stamped flash separator, and internal heat exchanger
- Stainless Steel Inlet Separator Wear Plate for Long Life
- Internal 304 Stainless Steel Cooling Coil Heat Exchanger- Ultimate in Heat Transfer
- Float Operated Level Control System - for complete operating range stability
- Pressure and Temperature Instruments

CONDITIONS OF SERVICE:

Blowdown Rate: 3,000 lbs/hr Max
Blowdown Temperature: 353F
Flash Separator Pressure: 5 psig
Blowdown Temperature to Exchanger: 400FMax
Blowdown Outlet Temperature: 140F Max
Makeup Water Max Flowrate: 90 GPM Max
Inlet Feed water Temperature: 50F
Outlet Feed water Temperature: 70F
Note: Outlet feed water temperature will vary depending upon demand, and the blowdown rate.

DIMENSIONS

AA 98" Overall Height
BB 46" Overall Length
Width: 36"

EQUIPMENT LISTING

TAG	DESCRIPTION
1	10" x 56" Flash Separator, 150 psig ASME CODE Section VIII stamped, carbon steel construction, tangential inlet w/ stainless wear plate, 304 stainless steel internal U tube exchanger with baffles for cooling.
2	Float Operated Modulating Level Controller
3	200 psig Conbraco ASME Sight Glass Assembly.
4	Outlet Makeup Water Temperature Gauge
5	1" Kunkle 6010 H ASME Safety Relief Valve set @ 125 psig

CONNECTION SCHEDULE

TAG	DESCRIPTION
A	1.5" NPT Blowdown Inlet Connection
B	4" 150lb Flash Steam to 5 psig
C	4" NPT Hot Feed Water to Feed Tank
D	4" 150lb Cold Feed water Inlet
E	1.5" NPT Drain Outlet
F	1.5" Cooled Blowdown Outlet