

Operating Requirements:

1. Paper Machine Direction from Tending Side: Left to Right
2. Steam Requirements: Target steam temperature 115-130°C. Avoid superheated steam; Steam above 130° C may not have sufficient time to condense in the heating zone. Steam should be dry and saturated. If steam temperature is above 130° C, the use of a desuperheater is required.
3. Steam shower should have a good steam flow measuring device.
4. An automatic condensate trap must be installed within 6 feet of the inlet flange at the lowest point in the steam line.
5. Maximum steam pressure: 1 bar
6. Steam Usage: 0.18 to 0.20 lbs steam/lbs machine production to 4816 lbs/hr max
7. Exhaust Fan Capacity: 1760 cfm
8. Steam Flow per Inch on edge zones is double compared to flow per inch for center zone valves
9. Sufficient air at 30 psi for two Pneumatic cylinders for raising the unit from the operating position during a paper break
10. Automatic valve for shutting off main steam supply valve to the steam shower during a paper break
11. Shower water must be above 110° F to take full advantage of the steam shower and to prevent steam cooling.
12. The Felt must be capable of capable of absorbing water. The felt should not be saturated before the steam shower position.

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