

RICHBOURG & WILSON, INC.

J. P. STEVENS & CO., INC.
Quotation No. 78W859-R2

EGGA1499 PAGE147

2. ONE (1) RICHBOURG & WILSON VPF-32 THROUGH FLOW DRYER CONTINUED

Tenter Frame Continued;

The fabric is supported within the dryer by 4" diameter driven support rolls on 12" centers. The tenter is extended 13' from the entrance and 10' from the exit end of the dryer.

Air Circulating System:

The air is circulated in the dryer by four (4) main blowers and one (1) exhaust blower. The specifications are as follows:

- (4) 30,000 CFM, backward curved blade blowers driven by 40 HP, 575 volt, 60 cycle, 3 phase motors
- (1) 6,000 CFM, radial exhaust fan driven by 10 HP motor. This fan will have variable pitch pulley to enable adjustment of exhaust air volume.

The recirculated air is forced upward through lint screens. The screens consist of 30 mesh stainless wire mounted in a drawer for easy removal.

Heating System:

The air is heated by 7,000,000 BTU/hr. direct gas fired burners. Combustion air blowers supply air to a mixing valve forcing a premixture of gas-air to the burners. The gas train is prepiped and requires only inlet gas from the main to the gas train, Gas pressure at train required is one psig and volume is 7,000 CFH. The gas train is piped to meet IRI and FM insurance approval. The burners are full modulating and temperature is controlled by Foxboro pen recorders.

Electrical:

The dryer is completely prewired. The unit is supplied with a motor control center and a remote start-stop station. The control console contains the following:

- 1. Foxboro pen recorders
- 2. Start-stop station for burners
- 3. Start-stop station for four (4) main blowers
- 4. Start-stop station for exhaust blower
- 5. Start-stop, speed indicator, DC ammeter for main tenter drive
- 6. Wing controls
- 7. Width controls

The motor control center is wired to the National Electric Code and each motor equipped with starters. The entire system is interlocked to prevent burners from operating unless blowers are operating.

Price ----- \$185,105.00 ✓