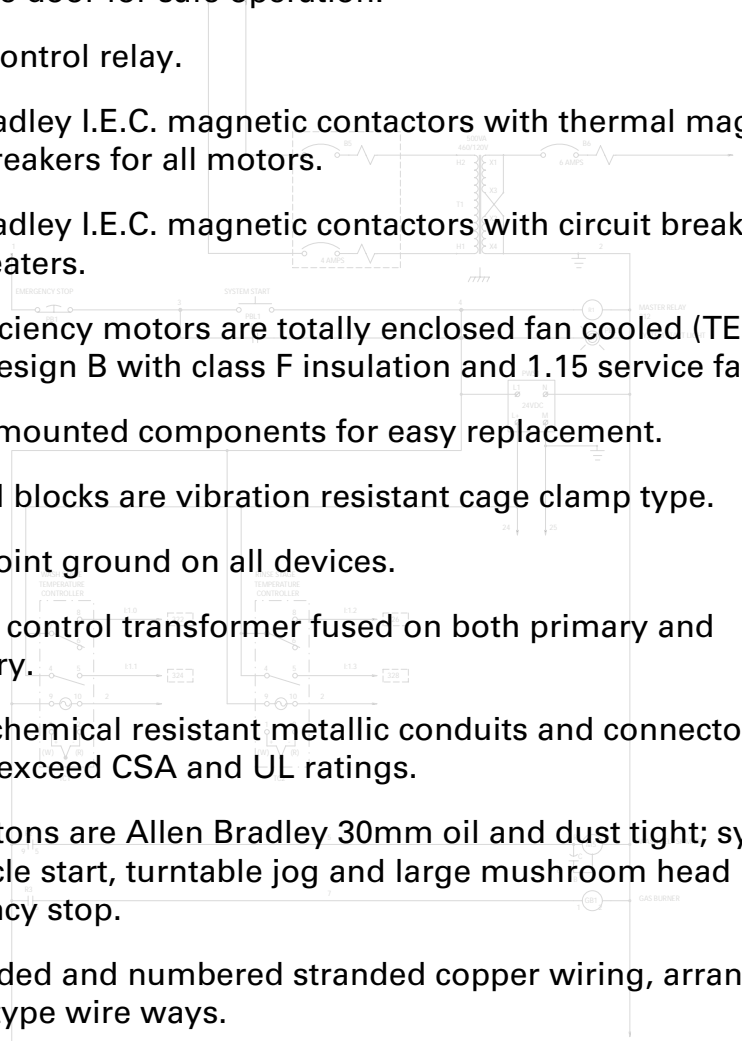


Proceco TYPHOON® HD Electrical Wiring And Controls

1. Enclosure is NEMA 4 with maximum 85% backplate utilization.
2. Flanged main disconnect and breaker interlocked with enclosure door for safe operation.
3. Master control relay.
4. Allen Bradley I.E.C. magnetic contactors with thermal magnetic circuit breakers for all motors.
5. Allen Bradley I.E.C. magnetic contactors with circuit breakers for all heaters.
6. High efficiency motors are totally enclosed fan cooled (TEFC) to NEMA design B with class F insulation and 1.15 service factor.
7. DIN rail mounted components for easy replacement.
8. Terminal blocks are vibration resistant cage clamp type.
9. Single point ground on all devices.
10. 110V AC control transformer fused on both primary and secondary.
11. Oil and chemical resistant metallic conduits and connectors meet or exceed CSA and UL ratings.
12. Pushbuttons are Allen Bradley 30mm oil and dust tight; system start, cycle start, turntable jog and large mushroom head emergency stop.
13. Color coded and numbered stranded copper wiring, arranged in snap-type wire ways.



Proceco TYPHOON® HD Electrical Wiring And Controls

14. Easy to use digital cycle timers.
15. Easy to read digital temperature controls with stainless steel sheath type J thermocouples.
16. Door safety interlock shuts off pump when door is open.
17. Tamper proof safety interlock switches on all filter housings prevent accidental splashing during maintenance.
18. All wiring schematics and PLC ladder diagrams available in electronic format.
19. All controls are identified by engraved nameplates corresponding to wiring diagram.
20. PLC is standard with three (3) or more process stages. Sequential flow chart programming with all PLC-based machines.

