



* Note

* Make MFC 5 HCL = 500 sccm

- NOTES:
- 1) UNIT 1200 MFC's used for N2 and O2
UNIT 1260 MFC's used for HCl, H2, & Silane
 - 2) Fltr172 GT1 will be Millipore Wafergaurd II
Fltr171, GT2, GC1 will be Millipore Wafergaurd II
FltrGC2, GC3 will be Millipore Wafergaurd II
 - 3) NV170,171,173, & 174 will be Nupro BMRG valves
 - 4) NV172 will be a Nupro BMR needle valve.
 - 5) Manual valves will be Nupro series DA.
 - 6) Gas valves will be Nupro series BN.
 - 7) Input regulators will be Tescom.
 - 8) Fltr170 and 173 will be Millipore Wafergaurd II
 - 9) Check valves will be Nupro CW series.
 - 10) Pressure gauge/switches will be Span IP-122.
 - 11) Manufacture using orbital butt-weld connections except for MFC's and filters. MFC's and filter will use standard VCR connections.
 - 12) Input gas connections will be VCRF
 - 13) Gas connections will be top/bottom/left/right
 - 14) Use Millipore metal PDU filters
 - 15) NC Nupro controlled by a NO pilot valve Functions as a normally open valve
 - 16) Capability of additional gases at injector
 - 17) Bulkhead VCR connections at bottom of gas panel for future DCE bubbler.
 - 18) RegC1 and RegC3 will be IFS preset regulators