

HVAC Chilled water
Setpoint 7°C
4X YMC2 (York) Chilled
Water Chillers
1755kW @100%load
COP 6.346

Chilled Glycol Trane
Chillers
Setpoint 2°C
2X918Kw@100%Load
Efficiency EER 3.8

Cooling Towers
4 Cell Marley MD5018SC
Fan Assisted
Airflow per Cell 57.84 m/s
Capacity 22BkW

Compressed air generation
6x ZR132VSD Compressors
Absorbed power 149.4 kW
@8.6 max load

Compressed air dessicant
dryers
4x BD400 Dryer
38kW

Steam Boilers
4 x 12000kg/hr Thermax
Cochran Boiler complete
with Dunphy Duel fuel
burner

Heating Hot Water Heat
Exchangers
1499kW x3

2 x ZR132 Compressors
1 Dryer Phase 1

Chilled Water Phase 1
Setpoint 7°C
1700kW @100%load

3 x Byworth LTHW Boilers
with Dunphy Burner
Set point 85°C Phase 1