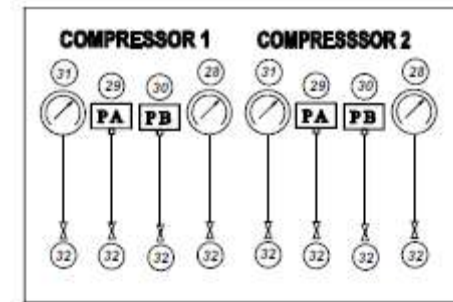
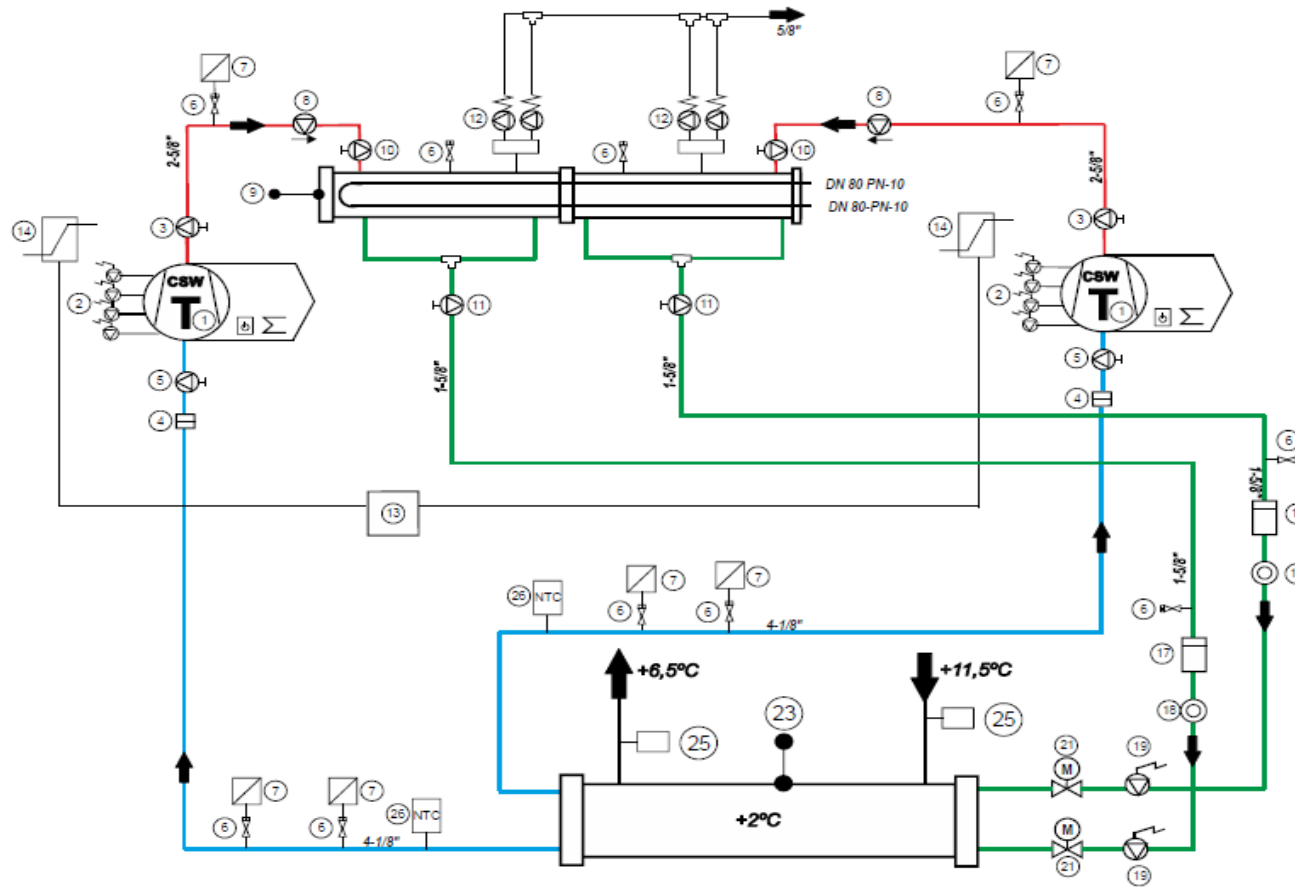


PROJECT: AVANTE 2200 CORVETTE  
 SHIPYARD: NAVANTIA  
 SYSTEM: HVAC



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## 5 ANNEX B: ITEM LIST

### DESCRIPTION OF MATERIALS:

- 1- SCREW COMPRESSOR BITZER CSW -8573-90Y-44P (Include: An external frequency inverter FJU+145).
- 2- Capacity Control Valves.
- 3- Discharge Shut Off Valve, BITZER 3"
- 4- Suction Line Filter, RFF angle way 4"
- 5- Suction Shut Off Valve, BITZER 4"
- 6- Control Valve Castel 6110/22 1/4" NPT x 1/4" SAE
- 7- Pressure Transducer, WIKA 0-30 bar (Include: Angle way connector M12x1) (4 wires)
- 8- Check valve, GESTRA RK-76 2-1/2"
- 9- Tube Condenser, two circuits and special Shell.
- 10- Condenser Inlet Shut Off Valve, type angle way ATA 2-1/2"
- 11- Condenser outlet shut off valve, type angle way ATA 1-1/2"
- 12- Double Body Valve CASTEL Model 3032/44 + Two Female Connections Castel 3039/4+ Double Safety Valve Castel 3060/45 C 1/2" NPT x 5/8" SAE - 20,5 Bar
- 13- Leakage Detector. MURCO 6700-0220
- 14- Leakage Sensor. MURCO 6108-2101
- 15-
- 16-
- 17- Liquid Filter Housing, CARLY 1-5/8" -BCY 9613 S/MMS sizing for 2 dryer filters H48
- 18- Sight glass, CASTEL 3770/13 1-5/8"

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- 19- Solenoid valve CASTEL 1079/13 1-5/8"
- 20-
- 21-Electronic Expansion Valve CAREL E5V-A2 (Include: Control module EVD0000e50 and display EVdis)
- 22-
- 23- evaporator shell & tube type, model BITZER DH2-403H
- 24-
- 25- Threaded Sleeve 1/2" GAS female (for threading thermometer).
- 26- NTC probe CAREL NTC030WF00
- 27-
- 28- Low Pressure Gauge WIKA, Diameter 100 Model 213.53.100, Scale -1 // 17 Bar
- 29- High Pressure switch DANFOSS Kp-5 R/ Manual (60-1173)
- 30- Low Pressure switch DANFOSS Kp-1 R/Manual (60-1171)
- 31- High Pressure Gauge WIKA, diameter 100 Model 213.53.100, scale 0 // 34 bar,
- 32- Shut Off Valve CASTEL 6410/2 1/4" SAE X 1/4" SAE.