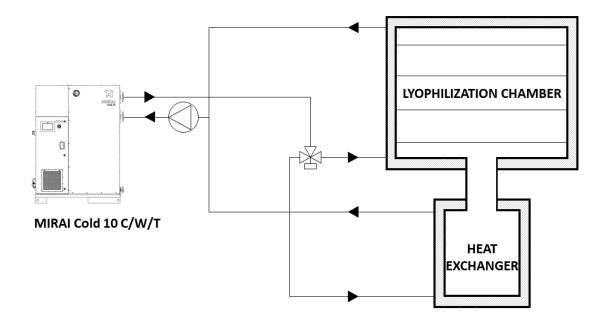


LIST OF REQUIREMENTS AND RECOMMENDATIONS

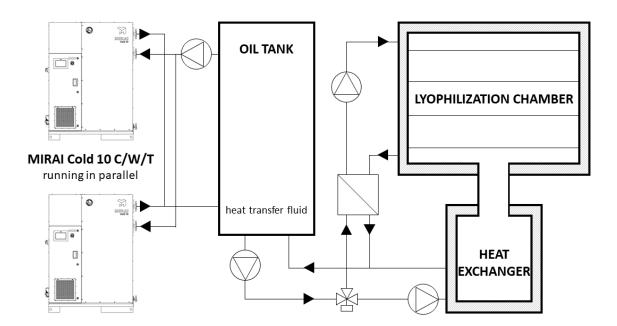


EXAMPLES OF MIRAI COLD INTEGRATION WITH FREEZE-DRYER

1. DIRECT CONNECTION

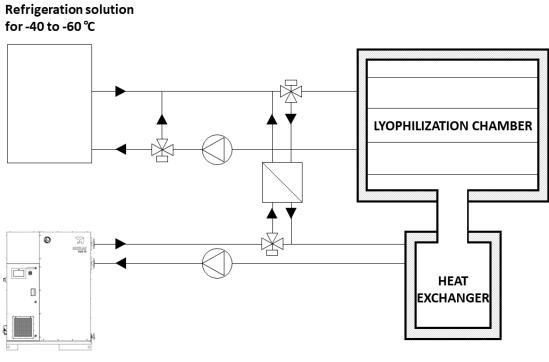


2. ONE OR MORE MACHINES COOLING DOWN SILICONE OIL RESERVOIR





3. COMBINATION OF REFRIGERATION SOLUTIONS FOR LT AND ULT TEMPERATURES



MIRAI Cold 10 C/W/T (solution for -80 °C)

Note: all examples provided are for illustration only. Components such as pumps, valves etc. are for general idea only – each system is unique and should be designed according to the specification.