

Note:

RC2-100B, RC2-140B and RC2-180B have the Liquid Injection port on top.

Pipe diameters should be:
 3/8" (if Model is smaller than RC2-1020)
 or
 5/8" (if Model is equal or larger than RC2-1020)

Hanbell A&B Models	Liquid Injection Chamber Port Size
RC2-100 to RC2-930	3/8" Flare
RC2-1020 to RC2-1530	5/8" Flare

Desuperheating Valve	Connector Sizes
4403-13 and 4403-14	3/8" Flare

Liquid Injection Control

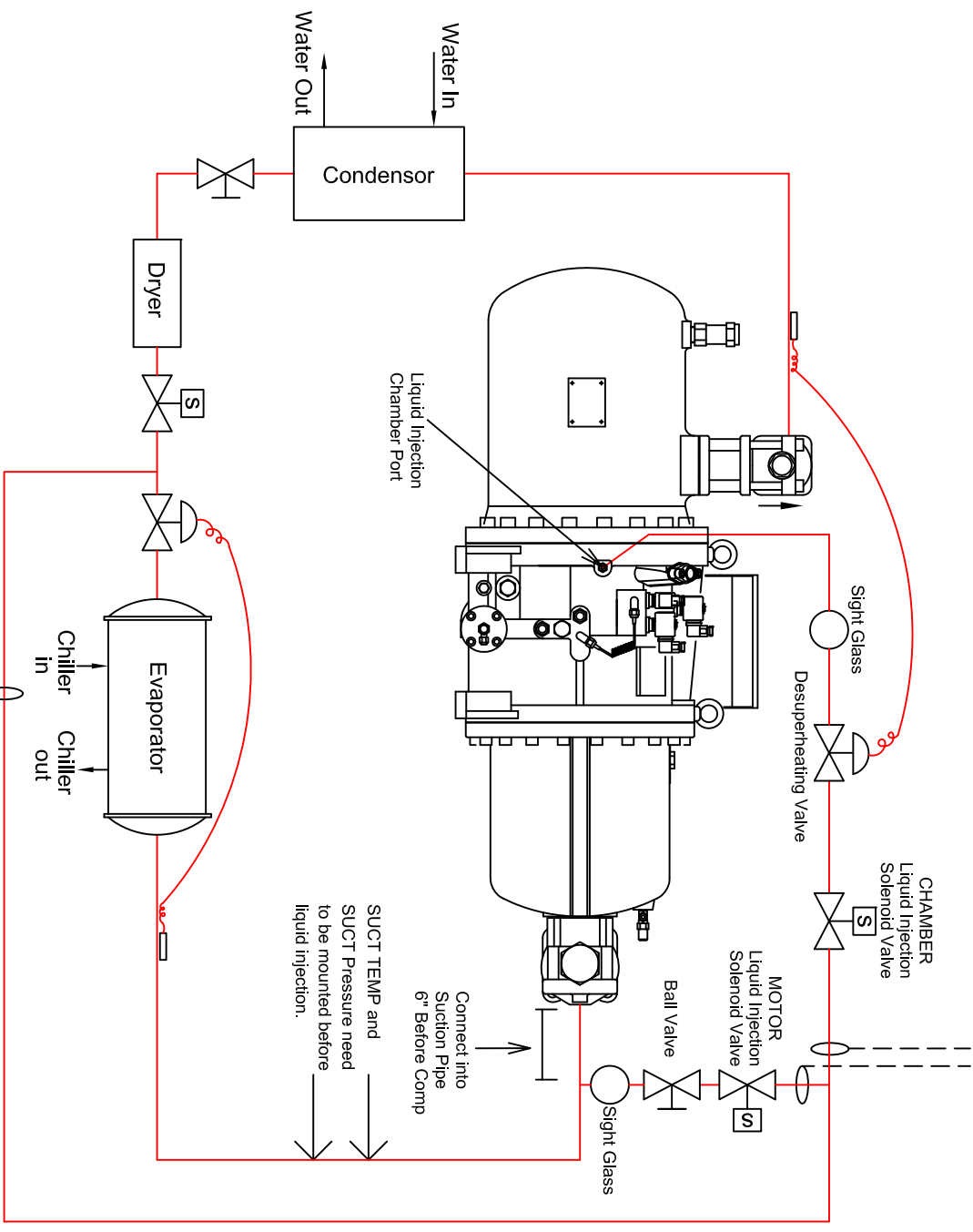
CHAMBER

- Turn ON: Discharge Temp > 180°F
- Turn OFF: Discharge Temp < 170°F
- OR Discharge Superheat < 10°F

MOTOR

- Turn ON When: Motor Temp > 140°F
- Turn OFF When: Motor Temp < 120°F

The liquid feed for the motor cooling and de-superheating valve must come off of the bottom of the liquid line. This will ensure that the line will have a full column of liquid refrigerant. Vapor refrigerant does not cool efficiently.



Pipe diameter should be:
 5/8" (if Liquid Injection Chamber Port is 3/8")
 or
 7/8" (if Liquid Injection Chamber Port is 5/8")

MICRO CONTROL SYSTEMS Inc.	
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Dwg Name:	Hanbell Liquid Injection