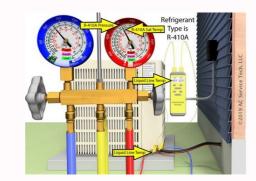


## Goodman 410a subcooling chart

SERVICING38SUBCOOLING = SAT. LIQUID TEMP. - LIQUID TEMP. - LIQUID LINE TEMP.LiquidPressureSaturated LiquidTemerature °FPSIG R-410A200 70210 73220 76225 78235 80245 83255 85265 88275 90285 92295 95305 97325 101355 108375 112405 118SATURATED LIQUID PRESSURETEMPERATURE CHARTTwo Speed Application (\*PH1548\*\*-\*PH1560\*\*)Run the unit on low stage cooling for 10 minutes until refriger-ant pressures stabilize. Follow the guidelines and methodsbelow to check unit operation and ensure that the refrigerantcharge is within limits. Charge the unit on low stage.1. Purge gauge lines.



Connect service gauge manifold toaccess fittings. Run system at least 10 minutes to allowpressure to stabilize. Two stage systems run-ning on low stage with TXV application should have asubcooling of 5 to 7 °F and superheat of 15 to 18°F superheat, then check subcooling. NOTE: To adjust superheat, turn the valve stemclockwise to increase and counter clockwise to de-crease.b. If subcooling is low and superheat is high, add chargeto raise subcooling to 5 to 7 °F then check super-heat.c. If subcooling is low and superheat is low, adjust TXV valve to 15 to 18°F superheat, then check subcooling is high and superheat is low, adjust TXV valve to 15 to 18°F superheat, then check subcooling is high and superheat is low, adjust TXV valve to 15 to 18°F superheat, then check subcooling is high and superheat is low, adjust TXV valve to 15 to 18°F superheat, then check subcooling is high and superheat is low, adjust TXV valve to 15 to 18°F superheat, then check subcooling is high and superheat is low, adjust TXV valve to 15 to 18°F superheat, turn the valve stemclockwise to de-crease.b. If subcooling is low and superheat is high, add chargeto raise subcooling to 5 to 7 °F.NOTE: Do NOT adjust the charge based on suction pressure unless there is a gross undercharge.4. Disconnect manifold set, installation is complete.SUBCOOLING = SAT. LIQUID TEMP. Heat Pump - Heating Dyclet Pump

Liquid Line Pressure = 417b. Corresponding Temp.

°F. = 120°c. Thermometer on Liquid line = 113°F. To obtain the amount of subcooling subtract 113°F from 120°F. The difference is 7° subcooling, which would fall in the + rangeof allowable subcooling. Pages 20.02 Kb Household Appliance Air Conditioner Important Safety Instructions 12 pages 920.02 Kb Household Appliance Air Conditioner Specifications 12 pages 567.41 Kb Household Appliance Air Conditioner Manual 40 pages 949.62 Kb Household Appliance Air Conditioner Instructions 28 pages 588.09 Kb Household Appliance Air Conditioner Instructions 36 pages 51.38 Kb Household Appliance Furnace Manual 12 pages 251.58 Kb Household Appliance Furnace Manual 12 pages 251.58 Kb Household Appliance Furnace Manual 12 pages 251.58 Kb Household Appliance Furnace Manual 12 pages 340.29 Kb Household Appliance Furnace Manual 12 pages 340.29 Kb Household Appliance Furnace Manual 32 pages 340.29 Kb Household Appliance Furnace Instructions 32 pages 1.8 Mb Personal Care Wheelchair Conditioner Operating Instructions 13 pages 308.61 Kb Household Appliance Air Conditioner Manual 10 pages 340.29 Kb Outdoor Cooking Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Cooking Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Appliance Air Conditioner Manual 10 pages 257.41 Kb Outdoor Fireplace Household Ap