

Sanden International

AC System Troubleshooting Sheet

Troubleshooting Sheet

Measured Item	Value
Compressor Outlet Pressure (P_d)	PSI
Compressor Outlet Temperature (T_d)	°F
Condenser Outlet Temperature (T_{cd})	°F
Compressor Inlet Pressure (P_s)	PSI
Compressor Inlet Temperature (T_s)	°F
Calculated Item	Value
Condenser Subcooling (T_{sc})	°F
Evaporator Superheat (T_{sh})	°F
Compressor Superheat (T_{csh})	°F

Troubleshooting Reference Calculations

Calculated Item	Formula
Condenser Subcooling (T_{sc})	$T_{sc} = T_{Sat.Discharge} - T_{CD}$
Evaporator Superheat (T_{sh})	$T_{sc} = T_{Sat.Discharge} - T_{CD}$
Compressor Superheat (T_{csh})	$T_{sc} = T_d - T_{Sat.Discharge}$