STATE OF UTAH
WEATHERIZATION ASSISTANCE PROGRAM
A/C start up and performance check
(For new and existing A/C systems)

Client Name:_____ Address:_____ City:_____

A/C make:_____ Model #:_____ Serial#_____

SEER = _____ Refrigerant Type =_____ Metering Device = ☐ TXV ☐ Piston

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REFRIGERANT CHARGE TXV SYSTEM

Outdoor Temp. DB = _____ Indoor Temp. DB = _____

Discharge pressure = _____ Saturation Temp. = _____ Line temp. = _____

Subcooling = _____ Manufacturer Subcooling = _____

Suction pressure = _____ Superheat = _____

REFRIGERANT CHARGE PISTON SYSTEM

Outdoor Temp. DB = _____ Indoor Temp. DB = _____ Indoor Temp. WB = _____

Suction pressure = _____ Saturation Temp. = _____ Line Temp. = _____

Superheat = _____ Manufacturer Superheat = _____

Discharge pressure = _____ Subcooling = _____

REFRIGERANT CHARGE WEIGH IN METHOD

Outdoor Temp. DB = _____ Indoor Temp. DB = _____

Factory refrigerant weight = _____ Line set length = _____ Line set Dia. = _____

Manufacturers recommended refrigerant weight per foot = _____ Total weight = _____

Discharge pressure = _____ Suction pressure = _____ Subcooling = _____ Superheat = _____

Compressor amp draw = _____ Manufacturer amp draw = _____
OD fan amp draw = _____ Manufacturer amp draw = _____
Supply Air Temp. = _____ Return air Temp. = _____ ΔT = _____ Manufacturer ΔT _____
Air flow set at._____ CFM per ton of cooling.
Evaporator coil clean   ☐ Yes ☐ No = WHY NOT?_____
Condenser coil clean   ☐ Yes ☐ No = WHY NOT?_____
Filter clean   ☐ Yes ☐ No = WHY NOT?_____
Condensate drain clean   ☐ Yes ☐ No = WHY NOT?_____
Refrigerant lines properly insulated ☐ Yes ☐ No = WHY NOT?_____

Technicians Signature:_____ **Date:**_____