

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

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:** _____