

Contractor

Job #



HVAC Field Test Form

Date

Client Name:

Address:

Condenser:

Heating:

Model #

Model #

Serial #

Serial #

Tons:

BTU (Out):

Seer:

AFUE:

Notes:

Cooling System Method:

Heating System Method:

Size of Condenser X 400 =

OR 21.7 X

Heat Output (kBtu) CFM

Allowed Leakage = Fan Airflow X 0.15 = CFM

Actual Leakage = CFM

Pass if Actual Leakage is Less than Allowed Leakage

Pre-Test Result Pass Using 60% Reduction

Pass if all accessible leaks have been sealed using smoke test:

Outdoor Unit Serial Number

TMAH @ Return Yes No TMAH @ Supph Yes No

Refrigerant Type

Tsupply, db °F ①

Treturn, db °F ②

Treturn, wb °F ③

Evaporator, sat °F V SAT ④

Evaporator PSI

Tcondenser, sat °F L SAT ⑤

Condenser PSI

Tsuction °F T1 ⑥

Tliquid °F T2 ⑦

Tcondenser, db °F ⑧

Target Superheat (Use Table RA3.2-2) °F

Actual Superheat °F ⑥ - ④ pass if diff btwn +/- 6

Actual Superheat °F ⑥ - ④ pass if diff btwn +/- 6

Actual Superheat °F ⑥ - ④ pass if btwn +4 & +25

<p>Target Temp Split (Use Table RA3.2-3) <input type="text"/> °F</p> <p>Actual Temp Split <input type="text"/> °F ② - ① pass if diff btwn +/- 3</p> <p>- OR -</p> <p>Minimum Airflow Tonnage x 300 cfm <input type="text"/> CFM</p> <p>Measure Airflow (Using TrueFlow) <input type="text"/> CFM pass if over minimum</p>	<p>TXV Installed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>↓</p>	<p>Target Superheat (Use Table RA3.2-2) <input type="text"/> °F</p> <p>Actual Superheat <input type="text"/> °F ⑥ - ④ pass if diff btwn +/- 6</p>
		<p>Target Subcooling (default 10) <input type="text"/> °F</p> <p>Actual Subcooling <input type="text"/> °F ⑤ - ⑦ pass if diff btwn +/- 3</p>