

## Ducted Systems Residential System Startup

Reference #	11316951
Status	Complete
Salesforce Id	a0z5x000007wfZXAAAY
Installing Company Name	Total Trans4mation
Startup Date	04/07/2022
Startup Technician	Foster H
Email Address for Copy of Startup Form	<a href="mailto:info@totaltrans4mation.com">info@totaltrans4mation.com</a>
Owner Name	Erik Stephen
Owner Address	710 hunt st
Owner City	Murfreesboro
Owner Country	United States
State	Tennessee
Owner Phone	6159000095
Startup Equipment	Split Indoor and Outdoor Equipment
Application Type	Residential
New Construction or Retrofit	Retrofit
Indoor Unit Type	Air Handler
Air Handler Type	Single Piece
Electric Heat Kit Installed?	Yes
Indoor Blower Motor Type	Standard ECM
Indoor Unit Model Number	Ap24bba21c
Indoor Unit Serial Number	W2g1212971
Indoor Unit Supplied Voltage	208/230 VAC Single Phase
Grounding	Ground Wire Connected and Terminated

<b>Electrical Connections</b>	Inspect Wiring and Electrical Connections
<b>Thermostat Type and Model</b>	Pro 1
<b>Line Voltage (L1-L2)</b>	246.7
<b>Total Amps L1</b>	0.67
<b>Total Amps L2</b>	0.63
<b>Return Static (in. w.c.)</b>	.15
<b>Supply Static (in. w.c.)</b>	.25
<b>CFM Delivery Per Ton of Cooling</b>	768
<b>Filter Size</b>	61x20x1
<b>Filter Quantity</b>	1
<b>Standard ECM Tap Selection (Heating)</b>	2
<b>Standard ECM Tap Selection (Cooling)</b>	2
<b>Nox Screens</b>	Low Nox Screens Have Been Removed
<b>Number of 90 Degree Intake Elbows</b>	1
<b>Intake Length (Feet)</b>	16ft
<b>Outdoor Product Type</b>	Split Heat Pump
<b>Outdoor Unit Staging - Non-Variable Capacity Systems</b>	Single Stage
<b>Outdoor Unit Model Number</b>	Yhe24b21sb
<b>Outdoor Unit Serial Number</b>	W2c2119987
<b>Outdoor Unit Supplied Voltage</b>	208/230 VAC Single Phase
<b>Grounding</b>	Ground Wire Connected and Terminated
<b>Electrical Connections</b>	Inspect Wiring and Electrical Connections
<b>Polarity</b>	Correct Polarity Confirmed
<b>Line Voltage (L1-L2)</b>	246.3
<b>Total Amps L1</b>	2.57
<b>Filter Quantity</b>	0

Electric Heat Kit kW Rating	10kw
Number of Elements	2
Measured Voltage Heater 1	120.2
Measured Voltage Heater 2	120.3
Measured Amperage Heater 1	10..62
Measured Amperage Heater 2	10.38
Temperature Rise with All Stages Energized	72.6
Outdoor Air Dry Bulb Temp	64.1
Outdoor Air Wet Bulb Temp	52.6
Indoor Air Dry Bulb Temp	73.8
Indoor Air Wet Bulb Temp	62.1
Auxiliary Heat Lockout Temperature	40
Heat Pump Lockout Temperature	0
Suction Temperature	46.1
Liquid Temperature	64.8
Liquid Line Diameter	3/8"
Vapor (Suction) Line Diameter	3/4"
Lineset Length	15'
Vertical Separation	The indoor unit is higher than the outdoor unit
Height Difference	13ft
Refrigerant Type	R-410a
Indoor Metering Device Type	TXV
Outdoor Metering Device Type	TXV
Discharge Pressure	206.4
Liquid Line Temperature	65.2
Subcooling	6.8
Suction Pressure	100.5

Suction Line Temperature	45.5
Superheat	13.8
Temperature Drop Across Indoor Coil	21.6
Item # 273	Tools Have Been Removed From Units
Item # 272	All Panels Are Secured In Place
Item # 274	Cycle System Through All Modes
Item # 275	Provide Owner With Owners Manual
Item # 276	Review System Operation With The Owner
Item # 277	Jobsite Is Clean