		Indoor Dry Bulb °F								
		70	72	74	76	78	80	82	84	
Indoor Wet Bulb °F	58	51	52	53	54	55	56	57	58	
	60	52	53	54	55	56	57	57	59	
	62	53	55	55	56	57	58	59	60	
	64	55	56	57	57	58	59	60	61	
	66	56	57	58	59	60	61	62	63	
	68	58	59	60	61	62	63	64	64	
	70	60	61	62	63	64	65	66	66	
	72		63	64	65	66	67	68	68	
	74			65	67	68	69	70	70	
	76						71	72	72	
		Boguirod oupply oir tomp °E								

Test for Correct System Airflow: A/C

Required supply air temp °F

Measure the indoor wet bulb & indoor dry bulb temps. Find the intersection of wet and dry bulb temps. If the air exiting the duct is 3° colder than the required supply air temp, the airflow is too low: replace the filter and/or clean evap and/or increase the blower speed. If the temp is higher than required, the system has too much airflow and/or low refrigerant and/or has weak compressor valves.

Tools you'll need to determine air flow through an A/C unit:

- **1. Digital thermometer**
- 2. Digital humidity tester

Most common problems if the tested temperature is 3° warmer:

- 1. Low refrigerant
- 2. Weak compressor
- 3. A restricted metering device or bad TXV
- 4. A leak in the return air duct work
- 5. An oversized furnace or air handler

Most common problems if the tested temperature is 3° colder:

- 1. A dirty filter
- 2. A dirty coil
- 3. The fan is on too low of a speed
- 4. Too many registers or supply ducts are closed
- 5. The duct system is too small
- 6. The furnace or air handler is too small
- 7. The coil is too small for the condensing unit



designsteinllc@gmail.com

