

RESIDENTIAL SERVICE REPORT

Dryer Vent Cleaning and Airflow Verification

San Marcos Residence

REPORT NUMBER	ANC-DV-20260807-01	SERVICE DATE	Friday, August 7, 2026
CUSTOMER	Residential client	SERVICE ADDRESS	San Marcos, CA
PROPERTY REFERENCE	San Marcos Residence	ON SITE	8:59 AM to 9:40 AM (41 minutes)
TECHNICIAN	Carlos Marin	APPLIANCE	Electric dryer
DUCT RUN	4 feet, no elbows	VENTS SERVICED	1 of 1
SERVICE PERFORMED	Cleaning and airflow verification	TERMINATION TYPE	Exterior sidewall, at grade

Service Summary

Anchor cleaned the full dryer exhaust run at this property, from the appliance connection through the wall recess to the exterior termination, and verified the result with airflow and temperature readings taken at the termination before and after the work.

Baseline exhaust velocity measured 470.3 FPM with a discharge temperature of 127.9 F, which is consistent with a heavily restricted run. After cleaning, velocity measured 821.2 FPM with a discharge temperature of 109.6 F. Both readings were taken at the same point with the dryer running under the same settings, so the two numbers are directly comparable.

The run measures roughly four feet with no elbows, which makes the baseline number worth pausing on. A run this short and this straight should move air freely. It did not, and the volume of lint recovered at the termination (Photo 07) shows why. Interval, not layout, is what put this system where it was.

The transition duct was inspected, found sound, cleaned, and reinstalled. No parts were replaced. The appliance was returned to position, the work area was cleared, and the dryer is back in service.

74.6%
AIRFLOW GAIN
Exhaust velocity at the hood

18.3 F
TEMPERATURE DROP
Cooler discharge, shorter cycles

41 min
ON SITE
Arrival to system returned

Conditions Found

- The exhaust run measures approximately four feet with no elbows, discharging through the exterior sidewall.
- The exterior termination discharges at grade level into a landscaped bed at the base of the wall. Mulch and vegetation sit directly at the outlet.



- The transition duct behind the appliance is in serviceable condition, but it is compressed between the dryer and the wall with a tight bend at the connection.
- The transition enters a recessed wall cavity. Lint carryover and surface staining were present inside the recess, consistent with a long service interval and moisture that could not clear the run.
- Baseline airflow and the elevated discharge temperature both indicated significant restriction before cleaning.
- No damage to the duct run, the appliance connection, or the wall was observed during the visit. No parts required replacement.

Airflow Verification

Readings taken at the exterior termination with a BTMETER BT-846A digital anemometer, dryer running on the same cycle for both tests.

Measurement	Before	After	Change
Exhaust velocity at termination	470.3 FPM	821.2 FPM	Up 350.9 FPM (74.6 percent)
Airflow, calculated for 4 inch round	41.0 CFM	71.7 CFM	Up 30.6 CFM
Discharge air temperature	127.9 F	109.6 F	Down 18.3 F

Method note: velocity is the measured value. Airflow in CFM is calculated from that velocity using the cross sectional area of a 4 inch round duct (0.0873 square feet) and is provided for reference. The temperature drop is a second, independent confirmation that the restriction cleared, because a dryer venting freely sheds heat with the moisture instead of recirculating it.

These numbers are now the recorded baseline for this address. Every future Anchor visit is measured against them, so changes in the system show up as data rather than guesswork.

Findings and Recommendations

Ranked by priority. Nothing here was performed on this visit and nothing here is required for the dryer to operate today. These are the items Anchor would address next at this property.

PRIORITY 1

Termination height and clearance

The vent terminates at grade in a planting bed. Mulch, soil, and vegetation can migrate into the outlet, and the lint the dryer expels lands directly in the bed rather than dispersing. A grade level termination is also the most common point for rodent and debris intrusion. On a four foot run, the termination is effectively the whole system: anything that restricts the outlet restricts everything.

- › Install a proper termination hood with a backdraft damper and a rodent guard sized to the duct.
- › Where the wall allows, raise or relocate the termination above the finished grade line.
- › Maintain a clear zone at the outlet: pull mulch and plantings back and keep the discharge path open.

PRIORITY 2

Transition clearance behind the appliance

The transition duct itself is sound and was cleaned and reinstalled rather than replaced. The issue is clearance. The dryer sits close enough to the wall that the duct is compressed into a tight bend at the connection, and on a four foot run with no elbows that single crushed bend is the one place lint has to catch.

- › Fit a periscope or a rigid elbow at the appliance outlet so the dryer can sit close to the wall without crushing the duct.
- › When the appliance is pushed back after any service, check that the transition still holds an open radius rather than folding against the wall.



PRIORITY 3

Operating habits and service interval

Airflow is restored and the duct is sound, so how the system is used from here is what determines how long it stays that way. The run is short and straight, so a twelve month interval is realistic, with a quick look at the exterior outlet at six months.

- › Clear the lint screen before every load and never run the dryer without it in place.
- › Watch cycle times. When loads that used to finish in one cycle start needing two, the run is loading up again.
- › Schedule the next cleaning at twelve months, or sooner if drying times lengthen or the exterior outlet shows lint at the hood.

Work Performed

8:59 AM	Arrived, walked the laundry area, photographed starting conditions before any work began.
9:00 AM	Pulled the appliance forward, documented the transition duct, the wall recess, and the utility connections.
9:11 AM	Recorded baseline airflow and discharge temperature at the exterior termination with the dryer running.
9:11 AM	Disconnected the transition duct at the appliance and brushed the full four foot run with a rotary brush on a powered drive, working from the interior connection through to the exterior termination.
9:26 AM	Collected and removed the lint expelled at the termination, cleaned and inspected the transition duct, and cleaned the wall recess.
9:29 AM	Reconnected and clamped the transition duct at the appliance outlet.
9:33 AM	Recorded verification airflow and discharge temperature at the termination under matching test conditions.
9:40 AM	Returned the appliance to position, confirmed connections, cleared the work area, returned the system to service.

Billing Summary

\$109.00
SERVICE VALUE

Standard Anchor rate for a ground level dryer vent cleaning with airflow verification, including the before and after readings recorded in this report.

Acknowledgement

The work described above was completed at the property on the date shown. Photographs and airflow readings in this report were taken on site during the visit and are retained in the Anchor property record for this address.

TECHNICIAN SIGNATURE AND DATE
Carlos Marin, Anchor Property Services Company, Inc.

CUSTOMER ACKNOWLEDGEMENT AND DATE



APPENDIX A

Photo Documentation

Ten photographs, in sequence, from arrival to system returned to service. Timestamps are as recorded on site, August 7, 2026.



01 8:59 AM

Arrival. Laundry area documented before any work began, appliance staged forward for access.



02 8:59 AM

Starting condition. Recessed wall cavity behind the dryer with the transition duct seated inside the recess. Lint carryover and surface staining visible in the recess.



03 9:00 AM

Starting condition. Transition duct compressed between the appliance and the wall, with tight bends at the connection.



04 9:00 AM

Starting condition. Close view of the transition connection and the utility connections at the wall recess.



05 9:11 AM

Baseline airflow reading at the exterior termination with the dryer running. 470.3 FPM, discharge temperature 127.9 F.



06 9:26 AM

Run cleaned end to end. Transition duct cleaned and staged for reconnection.



07 9:26 AM

Lint recovered at the exterior termination after the run was brushed through. Material of this volume on a four foot run indicates a long interval since the last cleaning. Collected and removed from the site.



08 9:29 AM

Transition duct reconnected and clamped at the appliance outlet.



09 9:33 AM

Verification airflow reading at the exterior termination under the same test conditions. 821.2 FPM, discharge temperature 109.6 F.



10 9:40 AM

Appliance returned to position, connections checked, work area cleared. System returned to service.