



SERVICE PROVIDER

Harbor & Pine Mechanical
Portland, OR
(555) 010-0142

CUSTOMER

Cedar Ridge Dental Group
Attn: Mary Major
455 NW 23rd Ave, Portland, OR 97210

DATE

Oct 7, 2026

TIME ON SITE

08:40 – 10:15

TECHNICIAN

Jane Smith

SERVICE TYPE

Preventive maintenance

REFRIGERANT

R-410A

INSPECTION CHECKLIST

#	ITEM	FINDING	RESULT
01	Supply airflow vs. design	1,980 CFM measured, design 2,000 CFM.	Pass
02	Condenser coil	Moderate debris, cleaned with foaming coil cleaner.	Pass
03	Refrigerant charge	Subcooling 7°F (target 10°F). Slow leak suspected at Schrader core.	Action needed
04	Economizer damper	Access blocked by stored materials.	Not checked
05	Filters	Replaced, MERV 13 20×25×2 ×4.	Pass
06	Condensate drain		Pass

PARTS USED

PART	QTY
Schrader core	2

SUPPLY AIR TEMP

54.2 °F

RETURN AIR TEMP

73.8 °F

TEMPERATURE SPLIT (ΔT)

19.6 °F

SUCTION PRESSURE

118 psig

DISCHARGE PRESSURE

362 psig

SUPERHEAT

11 °F

SUBCOOLING

7 °F

COMPRESSOR AMPS

14.6 A

RUN CAPACITOR (MEASURED)

43.1 μF

STATIC PRESSURE

0.62 in. w.c.

HEATING

HEATING CHECKLIST

#	ITEM	FINDING	RESULT
01	Heat exchanger (visual)		Pass
02	Burners and flame		Pass
03	Venting and draft		Pass
04	Limit and safety controls		Pass

TEMPERATURE RISE

48 °F

MANIFOLD GAS PRESSURE

3.5 in. w.c.

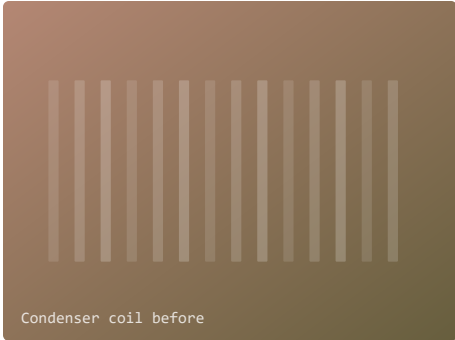
FLAME SENSOR

4.2 µA

CO IN FLUE

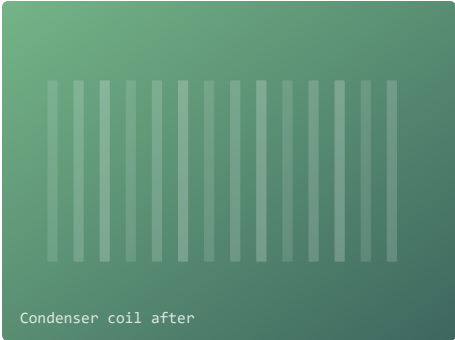
12 ppm

PHOTOS



Condenser coil before

08:52



Condenser coil after

09:21



Schrader core bubble test

09:40

NOTES & RECOMMENDATIONS

Unit operating within acceptable range after service. Refrigerant charge is low; recommend Schrader core replacement and recharge within 14 days. Please clear stored materials from the economizer access panel before the next visit.

TECHNICIAN



Jane Smith · 10:22 AM
EPA 608 Universal · NATE Certified



CUSTOMER



Mary Major · 10:24 AM