

BATH & KITCHEN REMODEL EXAMPLE



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THIS DRAWING DEPICTS MINIMUM CODE REQUIREMENTS PER THE 2022 CALIFORNIA CODE CYCLE - INFORMATION IS FOR REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT

CEnC TABLE 150.0-E DEMAND-CONTROLLED LOCAL VENTILATION EXHAUST AIRFLOW RATES AND CAPTURE EFFICIENCY

APPLICATION	COMPLIANCE CRITERIA
ENCLOSED KITCHEN OR NON-ENCLOSED KITCHEN	VENTED RANGE HOOD, INCLUDING APPLIANCE-RANGE HOOD COMBINATIONS, SHALL MEET EITHER THE CAPTURE EFFICIENCY (CE) OR THE AIRFLOW RATE SPECIFIED IN TABLE 150.0G
ENCLOSED KITCHEN	OTHER KITCHEN EXHAUST FANS, INCLUDING DOWNDRAFT: 300 CFM* OR A CAPACITY OF 5 ACH* (BASED ON KITCHEN VOLUME)
NON-ENCLOSED KITCHEN	OTHER KITCHEN EXHAUST FANS, INCLUDING DOWNDRAFT: 300 CFM
BATHROOM	50 CFM

* CFM = CUBIC FEET PER MINUTE, ACH = AIR CHANGES PER HOUR:
 ACH = (CFM OF FAN * 60minutes/hr) / (VOLUME OF SPACE TO BE VENTED {IN CUBIC FEET})

CEnC TABLE 150.0-F CONTINUOUS LOCAL VENTILATION EXHAUST AIRFLOW RATES

APPLICATION	COMPLIANCE CRITERIA
ENCLOSED KITCHEN	5 ACH, BASED ON KITCHEN VOLUME
NON-ENCLOSED KITCHEN	OTHER KITCHEN EXHAUST FANS, INCLUDING DOWNDRAFT: 300 CFM
BATHROOM	25 CFM ¹

¹ CMC TABLE 403.7 IS MORE RESTRICTIVE THAN THE TYPICAL TABLE FOR THIS VALUE, SO THE 20 CFM IN CEnC TABLE 150.0-F HAS BEEN CHANGED TO 25 CFM.

CEnC TABLE 150.0-G KITCHEN RANGE HOOD AIRFLOW RATES (CFM) AND ASTM E3087 CAPTURE EFFICIENCY (CE) RATINGS ACCORDING TO DWELLING UNIT FLOOR AREA AND KITCHEN RANGE FUEL TYPE

DWELLING UNIT FLOOR AREA (ft ²)	HOOD OVER ELECTRIC RANGE	HOOD OVER NATURAL GAS RANGE
>1500	50% CE OR 110 CFM	70% CE OR 180 CFM
>1000 to 1500	50% CE OR 110 CFM	80% CE OR 250 CFM
750 to 1000	55% CE OR 130 CFM	85% CE OR 280 CFM
<750	65% CE OR 160 CFM	85% CE OR 280 CFM