



CITY OF MILPITAS

Office of Building Safety
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TYPE I DOMESTIC DRYER BOOSTER FAN / LONG VENT USAGE

Policy:**BDP-ME02**

Effective Date:

4/23/2021

Proposed by:

BT

Last Reviewed/
Revised:

3/10/2023

Reviewed/
Revised by:

JDS

Approved By:

Building Official

Use of an exhaust duct power ventilator (booster fan) is approved under the Exception to 504.4.2.1 of the 2022 California Mechanical Code (CMC) if the following conditions are met:

1. Compliance with CMC 504.4.2.3 which requires booster fans to "... be listed and labeled in accordance with UL 705 and installed in accordance with the manufacturer's installation instructions."
2. Compliance with UL 705 sec. SA3.2 which requires dryer booster fan to be provided with at least one of the following:
 - a) A means to sense the operation of the clothes dryer, which automatically turns on the dryer exhaust duct booster fan. A notification / annunciator panel will be required that incorporates an audible or visual indicator if the booster fan fails to start or malfunctions.
 - b) An interlocking device which prevents the clothes dryer from being energized if the dryer exhaust duct booster fan fails to operate as intended. Electronic interlock controls shall comply with UL991, UL1998, or UL60730-1, whichever applies.
3. In the case where booster fans are considered for installation in a condominium building, the booster fan approval shall be subject to the condition that the HOA agrees to provide regular maintenance per fan manufacturer's instructions. Such agreement shall be included in the covenants, conditions, and restrictions (CC&Rs). The manufacturer's maintenance instructions shall be included as part of the building operation and maintenance manual to be placed in the building at the time of the final inspection.
4. In the case where booster fans are considered for installation in an apartment building or similar non-owner occupancy, the booster fan approval shall be subject to the condition that the specific make and model of dryer(s) to be installed shall be designated on the construction plans and documents. A permanent and durable label that states the specific make and model approved for installation shall be adhered to a wall in the dryer area, in a conspicuous place. The manufacturer's maintenance instructions shall be included as part of the building operation and maintenance manual to be placed in the building at the time of the final inspection.
5. Booster fans shall be accessible for inspection, lint removal, repair, or replacement.
6. A permanently attached durable label shall be adhered to the inside of the booster fan access panel or door, indicating the developed length of the duct installed and that a permit is required for replacement of the fan.
7. The duct discharge shall be in an approved location with backdraft damper at termination.

In the case where **long vent dryers** are considered for installation in an apartment building or similar *non-owner occupancy*, the long vent dryer approval shall be subject to these conditions: The specific make and model of dryer(s) to be installed shall be designated on the construction plans and documents along with the manufacturer's installation requirements; A permanent and durable label that states the specific make and model approved for installation shall be adhered to a wall in the dryer area, in a conspicuous place; The manufacturer's maintenance instructions shall be included as part of the building operation and maintenance manual to be placed in the building at the time of the final inspection. **NOTE:** *SFD, duplex, townhomes, and condominium occupancies are not approved for long vent dryers per this Policy. A booster fan will be required along with a secondary lint trap if trap is required by the booster fan or dryer manufacturer.*