



TRIGGERS for 2013 Title 24, Part 6 Nonresidential Built-up HVAC Alterations

Change this (and nothing else)	Mandatory Measures					Prescriptive Requirements			
	Required Controls §120.2 (a), (b), & (e)	Supply & Exhaust Dampers §120.2(f)	Ventilation Calcs §120.1	Demand Control Ventilation ^A §120.1(c) 3 & 4	Duct Insulation §120.4	Equipment Sizing (per load calcs) §140.4(a)(b)	Fan Power ^B §140.4(c)	Economizer ^C §140.4(e)	SAT Reset Controls §140.4(f)
Entire Unit	YES	YES	YES	YES	no	YES	YES	YES ^G	YES
Cooling Coil	YES	no	no	no	no	no	no	no	no
Heating Coil, Burner	YES	no	no	no	no	no	no	no	no
Blower Fan (Supply, Return / Exhaust) ^E	no	no	no	no	no	no	no	no	no
Compressor ^E	no	no	no	no	no	no	no	no	no
Condenser Coil ^E	no	no	no	no	no	no	no	no	no
Plenums	no	no	no	no	no	no	no	no	no
Duct Work	no	no	no	no	YES	no	no	no	no
Dampers	no	no	YES	YES	no	no	no	no	no
Sensors and Control Equipment	no	no	no	no	no	no	no	no	YES
Economizers	no	no	no	no	no	no	no	YES	no

^A If required

^B If total system fan power is >25 hp.

^C If >54,000 Btu/h nominal cooling capacity (4.5 tons).

^D Should not exceed 6% of the nominal air handler airflow rate. If it is a constant-volume, single zone unit that serves <5,000 ft conditioned floor area and >25% duct surface in unconditioned space. (Typically this will not apply to built-up systems.)

^E This is considered a repair and does not trigger the Title 24, Part 6 Standards.

^F Exemption: when system heating or cooling is expanded only onto existing systems, systems and equipment do not apply to §110.0, §120.9, §140.4, §140.5.

^G Exceptions may apply



