

4th
EDITION

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Updated to the Current Codes Including the IRC, UPC, and UMC

Code Check[®]

Plumbing & Mechanical



Supply &
Drainage
Traps & Vents
Fixtures
Water Heaters
Gas Piping
Appliances
Combustion
Air
Ducts
Vents &
Chimneys
Ventilation

An Illustrated Guide to the Plumbing
and Mechanical Codes

Douglas Hansen and Redwood Kardon • Illustrated by Paddy Morrissey



- AAV** = air admittance valve
- ABS** = acrylonitrile-butadiene-styrene drain back cast pipe
- ACH** = air changes per hour
- AHJ** = Authority Having Jurisdiction
- AMI** = in accordance with manufacturer's instructions
- ASTM** = ASTM International (formerly American Society of Testing & Materials)
- AWG** = American Wire Gage
- BO** = building official
- cfm** = cubic feet per minute
- CO** = cleanout
- CPVC** = chlorinated PVC pipe
- CSST** = corrugated stainless steel tubing for gas
- Cu** = copper
- CW** = clothes washer
- CW&V** = combination waste & vent
- DFU** = drainage fixture unit
- DW** = dishwasher
- DWV** = drain, waste & vent
- e.g.** = for example (exempli gratia)
- EGC** = equipment grounding conductor
- EXC** = exception to rule will follow in the next line
- F** = Fahrenheit
- FAU** = forced-air unit (central heater)
- ft** = foot, feet
- gal** = gallons
- GPF** = gallons per flush
- gpm** = gallons per minute
- HP** = heat pump
- hr** = hour
- in** = inch(es)
- k** = 1,000 (1 kBtu = 1,000 Btu)
- KS** = kitchen sink
- lav** = lavatory sink
- L&L** = listed and labeled
- LP** = liquefied petroleum (LP) gas
- LT** = laundry tub
- manu** = manufacturer, manufacturer's
- max** = maximum
- min** = minimum
- MP** = medium pressure
- o.c.** = on center
- PE** = polyethylene tubing
- PEX** = cross-linked polyethylene tubing
- PL** = property line
- PP** = polypropylene plastic tubing
- PRV** = pressure relief valve
- psf** = pounds per square foot
- psi** = pounds per square inch
- psig** = pounds per square inch gage
- PVC** = polyvinyl chloride pipe
- req** = require
- req'd** = required
- req's** = requires
- SDC** = Seismic Design Category
- sq.** = square, as in sq. ft
- TPRV** = temperature & pressure relief valve
- w/** = with
- w/o** = without
- WC** = water closet (toilet)
- WH** = water heater
- wsfu** = water supply fixture unit
- Zi** = zinc, galvanized

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