

IMC CODE CHECKLIST 2009/2012 Cheat Sheet

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INTAKE, EXHAUST	& RETURN LOCATIONS
GENERAL INTAKE	
10' from property line	2009 IMC 401.4(1)
10' from center line of public way	2009 IMC 401.4(1)
10' from Xcel transformer	Xcel Blue book.
10' from building environmental exhaust	2009 IMC 501.2.1(3)
10' from plumbing vents or 3' below if <10'	2009 IMC 401.4(3)
GENERAL EXHAUS	т
3' from property lines, openigs into buildings	2009 IMC 501.2.1(3)
10' from mechanical air inlets	2009 IMC 501.2.1(3)
Type I Commercial Hood Exhaust	See figure 506.3.10, 10.1(1) and 10.1(2) for summary
Type II Commercial Hood	2009 IMC 506.4.2 & 501.2.1(3) Environmental Air.

Return Air Prohibited Sources	
Machinery eqmt rm	2009 IMC 918.6(3)
Kitchen	2009 IMC 918.6(5)
Exception: > than 10' from cooking appl.	Exception 2009 IMC 918.6(5)
Closet, bathroom, garage, boiler/furnace room, unconditioned attic/crawlspace	2009 IMC 918.6(5)

Through Penetrations	of Rated Assemblies	
Not required - If not required then must comply with IBC 713.2 through 713.3.3		
Required Ratings of Fire Dampers	See 2009 IBC Table 716.3.2.1	

Through Penetration (cont)	s of Rated Assemblies
Fire Walls fire damper required	2009 IBC 716.5.1
Smoke damper required only serves horizontal exit	2009 IBC 716.5.1.1
Fire Barriers	2009 IBC 716.5.2
Fire Damper Required	
Exception - Not required if all below apply:	building sprinklered, wall rating <1hr, Not grp H, 26ga duct, ducted sa,ra
Smoke damper required only if fire wall serves horizontal exit	2009 IBC 716.5.2.1
Shaft Enclosures	2009 IBC 716.5.3
Fire/Smoke Damper required at all penetrations	2009 IBC 716.5.3
Fire Partitions	
Fire Damper Required	2009 IBC 716.5.4
	Bldg fully sprinkered,
Exception - Not required if all below apply:	fire caulked per 713
required if all below	

Corridors		
Smoke damper required.	2009 IBC 716.5.4.1	
Exception - Not required if all below apply:	No openings in corridor, duct >.019	
Locate Equipment - Equip on roof.		

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Show Working Space around all HVAC equipment, panels and etc on plans with hatched area.	2009 IMC 306.1 & Manuf. Installation instructions.	
Permanent ladder required if roof over 16'.	2009 IMC 306.5	
Level walking surface if roof pitch is over 4/12.	2009 IMC 306.5	

Locate Equipment - Equip on roof. (cont)		
Guard rails req'd if equip < 10' from edge of roof or 30" drop in elevation. Note this applies to RTU, Fans, roof hatches. Extend 42" high guard, 30" past equipment. Prevent 21" dia sphere.	2009 IMC 304.11	
Maintenance recptacle, GFI, Same roof level and within 25' of equipment.	2009 IMC 306.5.2 in accordance with 2011 NEC 210.8(B)(3) & 210.63	
Maintenance platforms req'd if slope of roof is >3/12. If platform is over 30" above roof, a guard rail is required.	2009 IMC 306.5.1	

Locate Equipment - Indoor Equip.	
Atmospheric vented appliance shall not be in:bedroom, bathroom, toilet room, storage (except sealed combustion)	2009 IMC 303.3
Appliance in Public garages suspended from the ceiling where vehicles can pass under shall be min 8' or 1' higher than the vehicle entry door, which ever is greater.	2009 IMC 304.6
Appliance in Private garages suspended from the ceiling where vehicles can pass under shall be min 6' or 1' higher than the vehicle entry door, which ever is greater.	2009 IMC 304.7
Room Access Doors - 36" wide X 80" tall.	2009 IMC 306.2



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