

Performance – Run Checklist DX Coils

You can use this checklist to collect the necessary information. For unknown information, we'll make assumptions and tell you what those assumptions are in the quote.

SFI COOLING COIL GUIDELINES:

To minimize the possibility of water carryover: Max Face Velocity, 100% Outside Air 450 Ft/min
Max Face Velocity, 100% Return Air 550 Ft/min

Entering Air Temperature assumptions: _____ 100% Outside Air =95 DB, 75 WB
_____ 100% Return Air =80 DB, 67 WB

DX Coils (R-22 is always assumed unless otherwise specified)

- 1) _____ CFM?
- 2) _____ Entering Air Temp (DB/WB)? If unknown, then do you know if it's outside air or return air?
- 3) _____ OUTPUT desired? Either in tons, MBH or Leaving Air DB.
- 4) _____ Condensing Unit? If Carrier we'll balance & include line loss assumptions. If unknown, we'll use 45 degrees or whatever suction temp you tell us.
- 5) _____ Where is it going? Carrier AHU/some other AHU / a duct (duct-free area or FH x FL?) If duct size is unknown, we'll base size on our FV guidelines.
- 6) _____ Do you need a cabinet? Indoor or Outdoor?
- 7) _____ Max. Air Pressure Drop? If none shown, we always try to minimize.
- 8) _____ # of circuits desired? If unknown, we'll quote what we recommend.
- 9) _____ Hot Gas Bypass Tees? If unknown, we'll offer as an adder per tee.