

Fwd: DC-3000 1 1/2HP Upgrade Kit

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This is what our engineer sent us, hopefully it answers all of your questions.

- The Turbo Fan and the Fan Housing from the DC-6000 are the same as what is in the DC-3300 Motor Upgrade
- The performance of the upgraded DC-3300 is the same as the DC-6000 because the internal parts of the DC-6000 are in this upgrade
 - Yes...
 - The DC-3300 with all three inlets open moves a total 300 cu-ft/min total
 - The DC-6000 with all three inlets open moves a total 600 cu-ft/min total
- The limiting factor for either dust collector is the hose, the hose diameter and the number of hoses open at one time
 - Each hose has internal resistance which cuts down on the air flow, mainly because of the size of the hose and the opening
 - The 2-1/2" hose with the 2-1/4" opening limits the air flow to 200 cu-ft/min maximum through that size flexible hose
- So...
- The DC3300 maximum air flow is 300 cu-ft/min
 - The DC-3300 flow rate is 200 cfm in 1-hose. 150-cfm in each hose when 2-hoses are connected = 300 cfm total. 100-cfm in each hose when all 3- hoses are connected = 300 cu-ft/min total .
- The DC-6000 maximum air flow is 600 cu-ft/min
 - The DC-6000 flow rate is 200 cfm in 1-hose. 200-cfm in each hose when 2-hoses are connected = 400 cfm total. 200-cfm in each hose when all 3-hoses are connected = 600 cu-ft/min total.

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