

CDF Series Performance Data & Graphs for Ducted Flow

CDF Performance Data – Imperial			
Model #	Maximum Vacuum Level – "Hg	Maximum Vacuum Flow – SCFM	Maximum Exhaust Output – SCFM
CDF 200	9	12	16
CDF 200H	9	12	16
CDF 375H	8	28	36
CDF 500H	7	55	70
CDF 750H	5	110	140
CDF 1000H	3	130	180
CDF 1500H	3	250	300
CDF 2000H	1	330	390

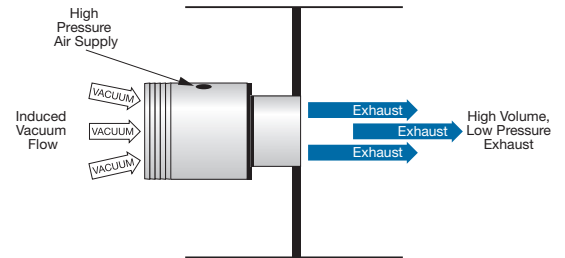
CDF Performance Data – Metric			
Model #	Maximum Vacuum Level – mbar	Maximum Vacuum Flow – lpm	Maximum Exhaust Output – lpm
I-CDF 200	305	340	453
I-CDF 200H	305	340	453
I-CDF 375H	271	793	1019
I-CDF 500H	237	1557	1982
I-CDF 750H	169	3115	3964
I-CDF 1000H	102	3681	5097
I-CDF 1500H	102	7079	8495
I-CDF 2000H	34	9345	11044

Consult individual performance data charts for air consumption values at desired operation position.

Ducted Flow vs Unducted Flow

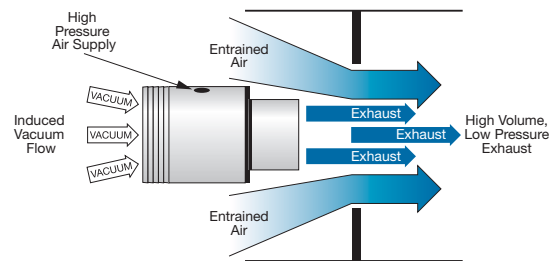
Ducted Flow

When the exhaust side of the amplifier has a duct attached to it, it cannot draw air in from its surroundings. Therefore, amplification is only created by the internal vacuum created at the suction port. Total output flow is the combination of induced flow and compressed air.

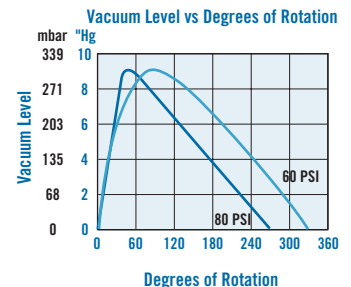
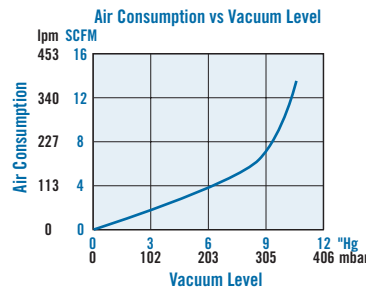
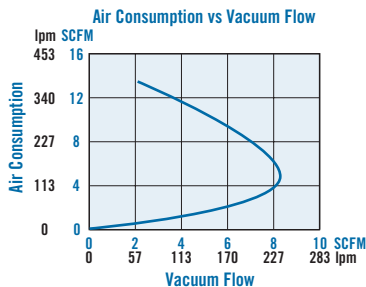
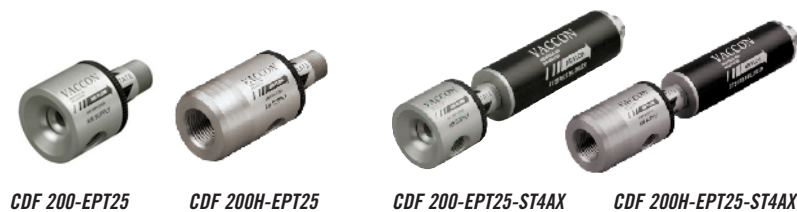


Unducted Flow

The amplification ratio of the CDF Series is greatly increased when the output from the amplifier is open to the atmosphere allowing the high speed air flow exiting the amplifier to entrain surrounding air to create a greater flow with amplification ratios up to 40:1. Total output flow is the combination of entrained air, induced air and compressed air.



CDF 200-EPT25 & CDF 200H-EPT25 Series

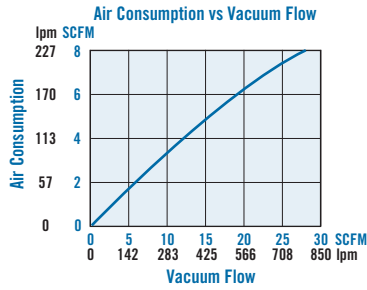


Note: Performance Charts represent average performance data. For reference only.

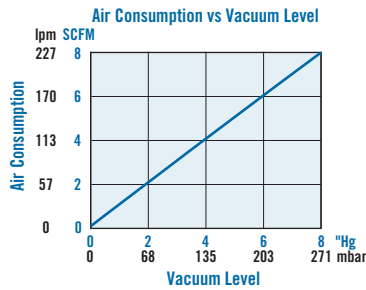
CDF 375H Series



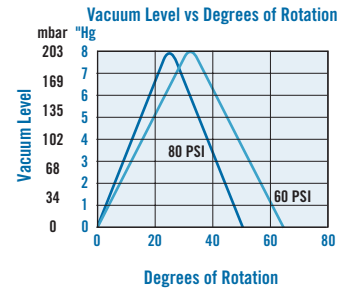
CDF 375H



CDF 375H-EPT38



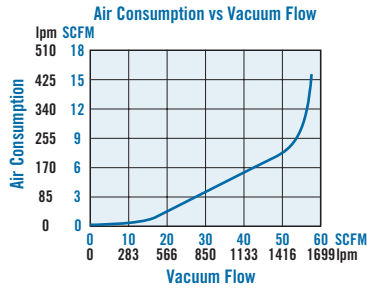
CDF 375H-EPT38-ST6BX



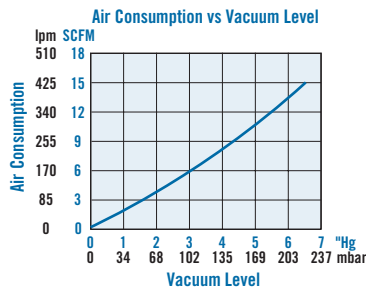
CDF 500H Series



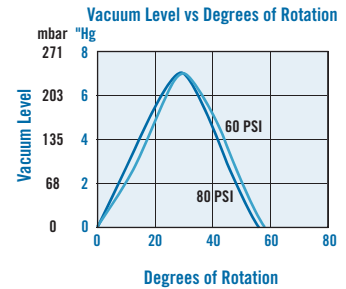
CDF 500H



CDF 500H-EPT100



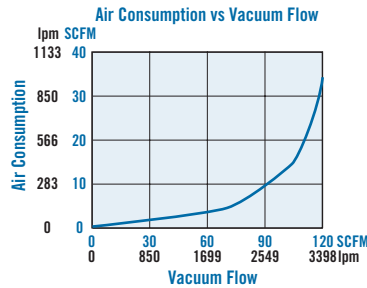
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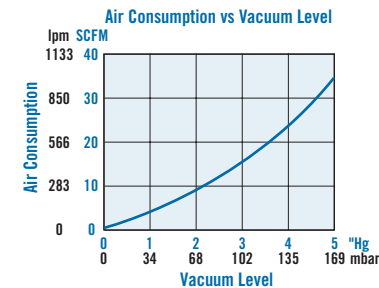
CDF 750H Series



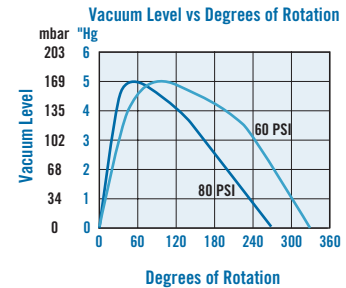
CDF 750H



CDF 750H-EPT107



CDF 750H-EPT107-ST16FC

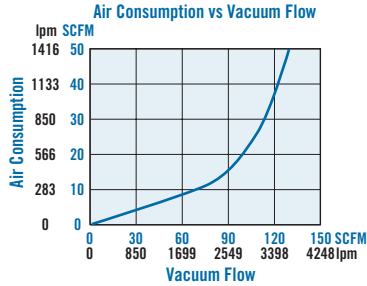


Note: Performance Charts represent average performance data. For reference only.

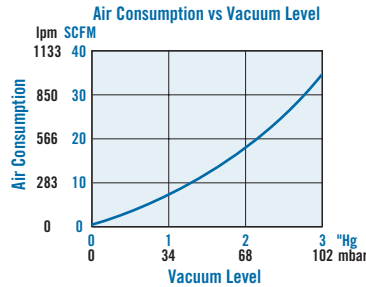
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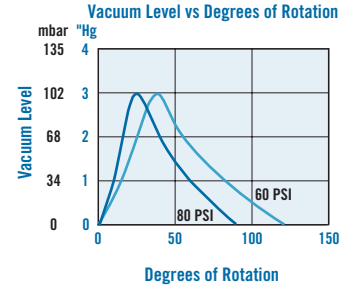
CDF 1000H



CDF 1000H-EPT125



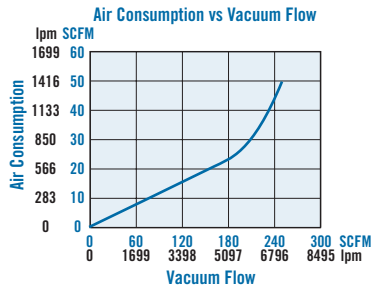
CDF 1000H-EPT125-ST24FC



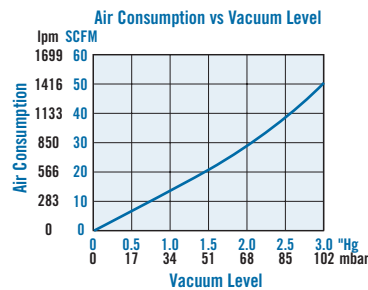
CDF 1500H Series



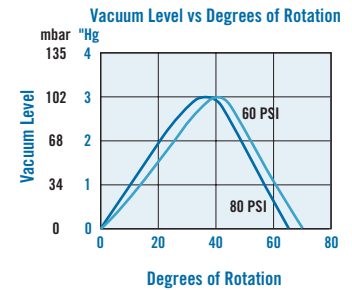
CDF 1500H



CDF 1500H-EPT200



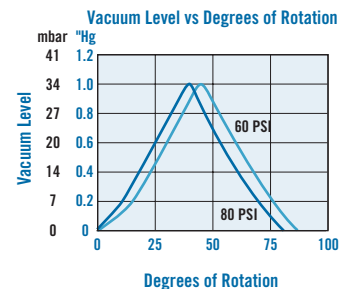
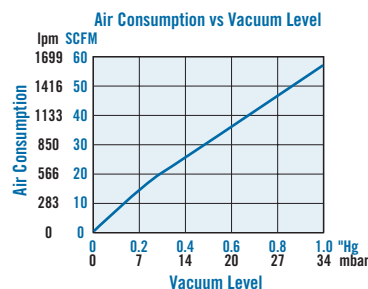
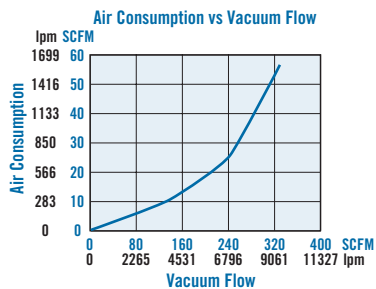
CDF 1500H-ST2020



CDF 2000H Series



CDF 2000H



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