



Pneumatic Conveying System

Worksheet

PNEUMATIC CONVEYING SYSTEM WORKSHEET

Customer Information	
Contact Name:	Address:
Title:	City/State/Zip:
Company:	Phone:
Email:	Fax:

CUSTOMER CHECK LIST FOR PNEUMATIC SYSTEMS

SYSTEM REQUIREMENTS
1. Description of system:
2. Product to be Conveyed:
3. Convey rate in kg/hr:
4. Horizontal distance in meter:
5. Vertical distance in meter:
6. Total number of 90° & 45° elbows
7. Product source (i.e. Railcar, silo, super sack, etc):
8. Please identify if convey gas needs to be something other than air:
9. Altitude at installation site:

PRODUCT CHARACTERISTICS
10. Bulk Density kg/cubic meter
11. Is material heat sensitive: If yes, what is the maximum temperature of the convey gas: Is cold water or coolant available and if so, what is the temperature and m ³ /hr. If a liquid coolant is not available, an air to air heat exchanger will be used.
12. Is material abrasive:
13. Is material corrosive:
14. Is material hygroscopic:
15. Is material toxic:
16. Is material explosive:
17. Particle size distribution:
18. Is material free flowing:

EQUIPMENT REQUIREMENTS
19. Material of Construction – Product Contact:
Carbon Steel
Carbon Steel Epoxy Coated
304 Stainless Steel
316 Stainless Steel
Aluminum



Pneumatic Conveying System

Worksheet

CUSTOMER CHECK LIST FOR PNEUMATIC SYSTEMS

20. Material of Construction – Non Product Contact:
Carbon Steel
Carbon Steel Epoxy Coated
304 Stainless Steel
316 Stainless Steel
Aluminum
21. Type of system desired
Dilute phase vacuum
Dilute phase pressure
Combination vacuum pressure
Dense phase
PAXAA recommendation
22. Motor enclosure (TEFC, Explosion Proof, Energy Efficient, etc):
23. Electrical voltage:
24. Is a system control panel required: If yes, which PLC is preferred: List other PLC requirements (i.e. Reports, Recipe Management, Motor Starters, etc):
25. Projected start-up date for equipment:
26. General comments:
27. Please submit a drawing or sketch of the requested system with this checklist.