

DenseFeed

Pneumatic Conveying

The Clyde Materials Handling process is enclosed, dust-free and less harmful to the environment than traditional methods, ensuring that material transfer complies with stringent EPA/OSHA and other international regulations enforced in the materials handling industry.

DensePhase Technology

The DensePhase system capitalizes on all the assets of pneumatic conveying: simplicity, reliability and flexibility. Ensuring minimal breakage of friable products, the extensive range of DensePhase machines shares standard



components, individually tailored to handle a wide range of materials.



DenseFeed

The range of DensePhase conveying systems has been extended to include DenseFeed - an innovative range of dense phase, low velocity conveying vessels designed to meet the specific needs of the food and pharmaceutical industries. DenseFeed provides the economical solution to high throughput, long distance conveying and complies with all Environmental, Health and Safety regulations.



Key Features

- Easily disassembled allowing the components to be thoroughly cleaned and disinfected either in situ or in an autoclave.
- Constructed from stainless steel with a choice of mirror, satin or bead blast internal and external surface finishes.
- Vessel body is completely crack and crevice free.
- Inlet butterfly valve incorporates inflatable EPDM food quality seal.
- Capable of conveying over distances up to 800 feet.
- Capable of handling a wide range of powders and granular products without degradation.



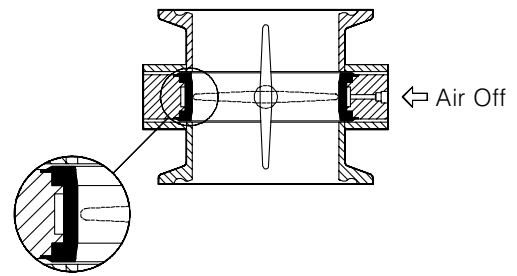
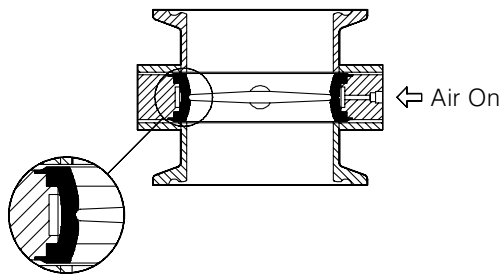
Standard Fabrication

DenseFeed vessel assemblies are supplied complete with inlet Butterfly Valve, electro-pneumatic controls and air supply piping, strainer, pressure regulation and control equipment pre-piped and pre-wired ready for connection to isolated air and electric supplies. Constructed from stainless steel, all vessels are available in a choice of mirror, satin or bead blast internal and external surface finishes. Vessels are manufactured to ASME VIII, Div. 1, Class III for a 100 psig working pressure.

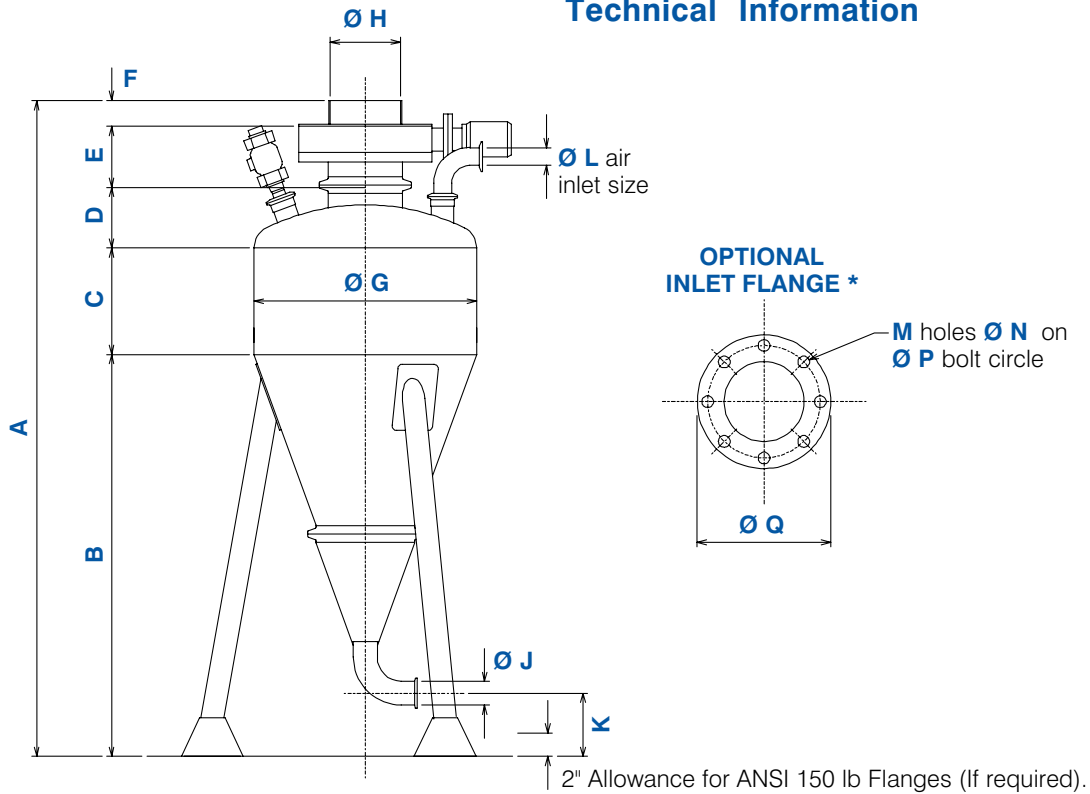


Detail Showing Butterfly Valve (Closed)

Detail Showing Butterfly Valve (Open)



Technical Information



Dimensions - (inches)															
Model	A	B	C	D	E	F	ØG	ØH	ØJ	K	ØL	M	ØN	ØP	ØQ
2/4/1.5	49.21	28.11	8.50	4.61	5.63	2.36	15.94	4	1.50	4.92	0.75	8	0.75	7.50	9.00
3/6/2	55.12	33.78	8.66	5.39	5.12	2.17	18.70	6	2.00	5.22	1.00	8	0.88	9.50	11.00
4/6/2.5	60.00	35.90	9.25	5.98	6.73	2.17	20.67	6	2.50	5.61	1.00	8	0.88	9.50	11.00
8/8/3	70.20	44.41	10.43	7.68	5.31	2.36	26.57	8	3.00	5.91	1.50	8	0.88	11.75	13.50
12/8/4	78.74	50.39	11.81	8.82	5.35	2.36	30.51	8	4.00	6.30	1.50	8	0.88	11.75	13.50
20/8/5	88.11	56.77	13.78	10.51	4.69	2.36	36.42	8	5.00	6.89	2.00	8	0.88	11.75	13.50
37/12/6	106.73	68.58	16.54	12.83	6.42	2.36	44.49	12	6.00	7.58	2.00	12	1.00	17.00	19.00
50/12/8	117.40	76.42	18.31	14.21	6.10	2.36	49.21	12	8.00	8.66	2.50	12	1.00	17.00	19.00

* These dimensions (where appropriate) are to ANSI (150 lb) standards.

Clyde Materials Handling Limited
 Carolina Court, Lakeside
 Doncaster DN4 5RA UK

Tel: +44 (0) 1302 321 313
 Fax: +44 (0) 1302 554 400

solutions@clydematerials.co.uk



► www.clydematerials.com