

The **Variflo** is a unique development for controlled line loading of dense-phase pneumatic conveying systems. Designed for long distance conveying with the highest line loading for economical use of conveying air and lowest feasible material velocity.

Variable line loading is achieved with an outlet **Inflatek Valve®**, which modulates its open position from signals indicating pipeline back pressure. The **Inflatek Valve®** modulation regulates the allowable line loading for maximum effect for the available conveying pressure.

This method of line loading is essential for automatic self regulating conveying efficiency when conveying distances are long. The modulation process prevents high back pressure from line overloading and also prevents loss of efficiency when the line is too lightly loaded. This is a unique **Macawber** development that has not been repeated by others.

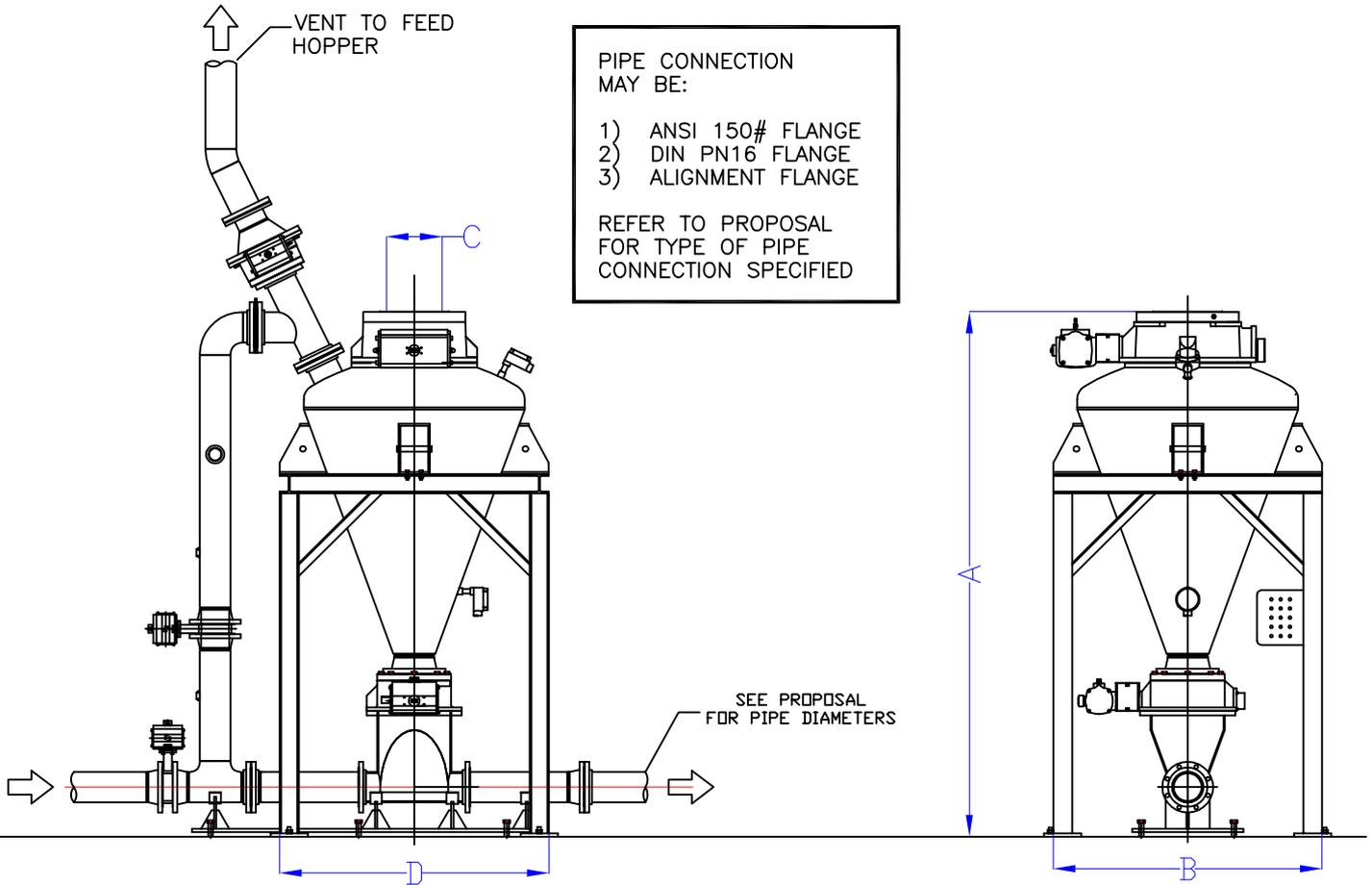
No pipeline boosters are required which are unnecessary for a controlled low material velocity through the pipeline and would upset the auto line loading. This saves further maintenance and the cost of running air lines to the booster connections.

The system design and components are subject to continuous development and improvement for lower product cost and performance.

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A Macawber Group Company

ADVANCED PNEUMATIC CONVEYING & INJECTION SYSTEMS
VALVES FOR ABRASIVE MATERIALS AND PRESSURE DUTY
BATCH MIXING AND INGREDIENT CONTROL
COMPLETE BULK MATERIAL SYSTEM DESIGN AND TURNKEY SUPPLY



Service Requirements:

- Conveying Air Refer to appropriate material performance graph or proposal
- Control Air 3
6-7 barg
- Power 5 Amps, 60 Hz, 120 Volts
(0.1 Nm /min) of free air at

MODEL	DIMENSIONS (mm)				NET WEIGHT (kg)
	A	B	C	D	
85/4	1168	762	100	762	250
200/8	1549	965	200	965	435
342/8	1676	1067	200	1067	535
510/12	1956	1067	200	1067	885
737/12	2057	1143	300	1143	1210
1420/12	3420	1372	300	1372	1690
2800/12	3607	1981	300	1981	2785
4247/12	2057	2083	300	2083	3025
5664/16	3420	2286	400	2286	3512
8495/16	3607	2489	400	2489	3619

INFORMATION NOT CERTIFIED FOR INSTALLATION PURPOSES

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