



Belvac Production Machinery Technical Bulletin

Information for Customers Operating & Maintaining Belvac Machines

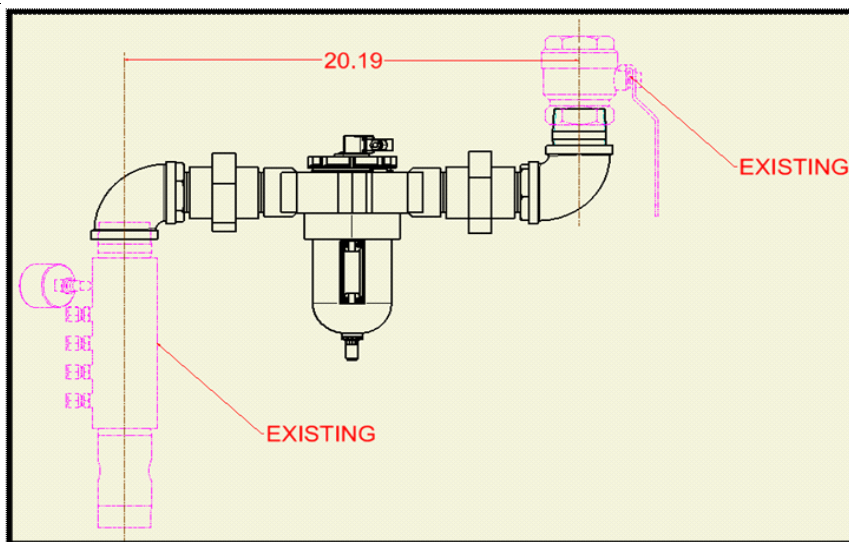
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SOLENOID AIR INPUT FILTRATION

A recent investigation into premature solenoid failure at one of Belvac's clients, revealed problems relating to customer supplied compressed air filtration.

Belvac currently specifies that all compressed air supplied to the machinery be clean and dry. Customers with dual compressor arrangements whose compressed air supply includes large particles (greater than 40 microns in size) may encounter increased solenoid failure rates.

Belvac will incorporate a Norgren Filter (model F68G-BAE-AR3) capable of removing particles larger than 40 microns in line before the control air manifold as standard on all new dual compressor arrangement machines. This filter and mounting supplies may be purchased for use on existing equipment as kit number 2757819.



This filter is not required for customers with a single compressor arrangement as all compressed air from the customer supplied drop is sufficiently filtered prior to the distribution manifold. The retrofit is not necessary for customers utilizing a dual compressor setup if their compressed air is sufficiently filtered prior to reaching the equipment and they are not encountering increased solenoid failure rates. Installation of the retrofit filter requires relocation of one of the compressed air drops supplying the machine control air manifold.