

Nordson Corporation

OPERATOR'S CARD

P/N 237 372A

EasyClean[®] Filter Assembly

Safety

To use this equipment safely,

- follow the instructions in this operator's card and in the *EasyClean Filter Assembly* manual.
- obtain and read the Material Safety Data Sheets (MSDS) for all materials used.



WARNING: Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.

Introduction

This operator's card contains only the information necessary for daily operation and maintenance. It also contains a log sheet to record filter and pump pressure information. If you require additional information about the EasyClean filter assembly, refer to the *EasyClean Filter Assembly* manual or contact your Nordson Corporation representative.

Operation

The following paragraphs provide operating information for the EasyClean filter.

NOTE: This document details only daily operation of the filter assembly.

Valve Positions for Normal Operation

Refer to Table 1 and see Figure 1. Table 1 lists the various valve positions during normal operation of the EasyClean filter. Filtered fluid flows to the downstream components when the valves are in their normal positions. Figure 1 illustrates the path of fluid flow and valve positions during normal operation of the EasyClean filter assembly.

Table 1 Valve Positions during Normal Operation

Valve	Position during Normal Operation
Filter inlet valve (3-way ball)	Handle pointed at filter
Filter outlet valve (3-way ball)	Handle pointed at outlet connector
Filter bowl valve (2-way ball)	Handle pointed perpendicular to drain outlet
Orifice block valve (2-way ball)	Handle pointed horizontal in direction of fluid path, parallel to fluid lines

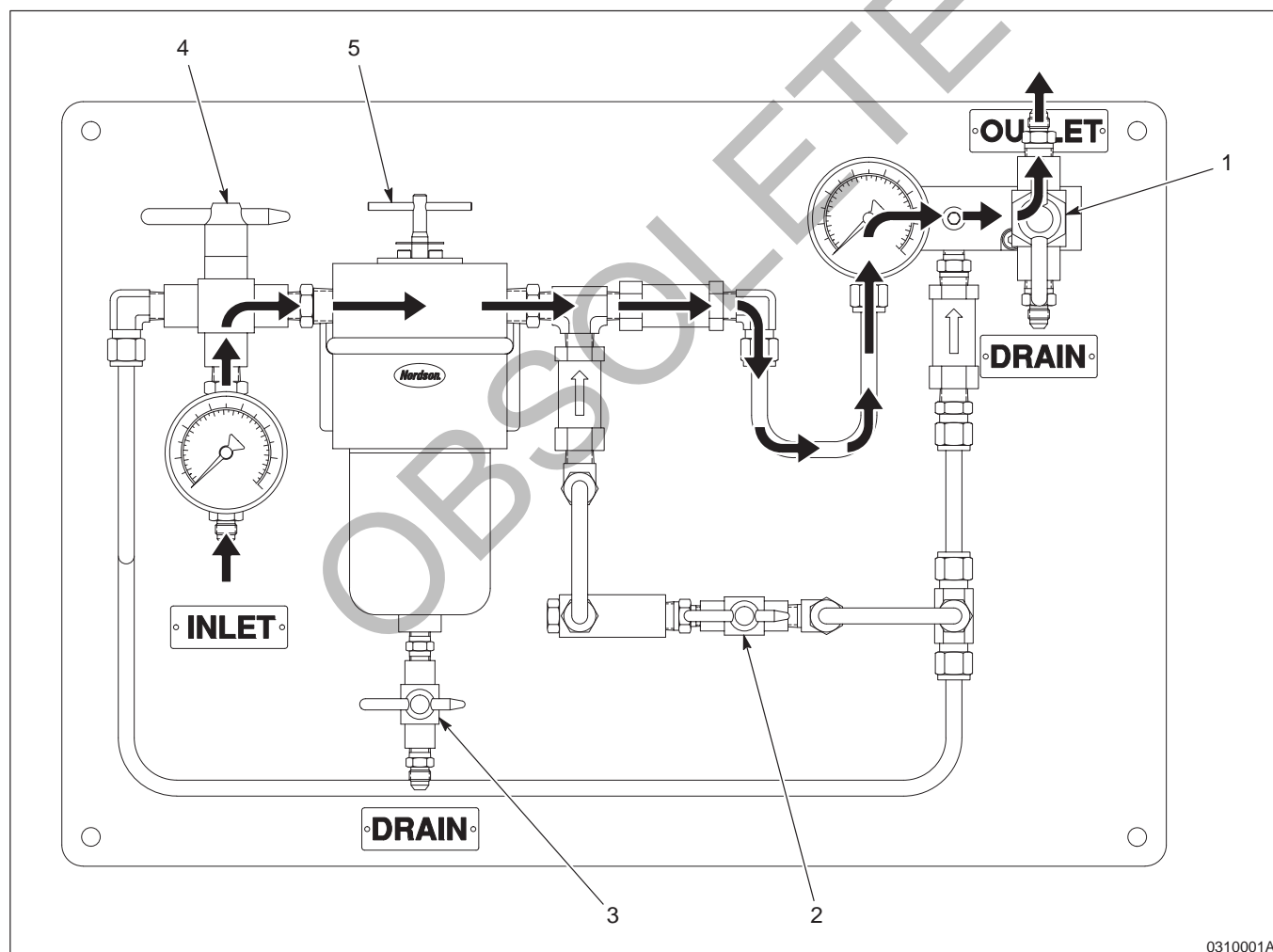


Fig. 1 Fluid flow and valve positions during normal operation

- | | | |
|------------------------|-----------------------|---------------|
| 1. Filter outlet valve | 3. Filter bowl valve | 5. Tee handle |
| 2. Orifice block valve | 4. Filter inlet valve | |

Scraping the Filter Screen

NOTE: Depending on your application, you may have to scrape the filter screen every day to maintain maximum production.

See Figure 1. When the filter is blinded (clogged) and the filter outlet pressure has dropped to an unacceptable level, scrape the filter screen. To do so, rotate the tee handle (5) on the top of the filter housing clockwise for 3 or 4 revolutions. The contaminants on the filter screen will settle at the bottom of the filter bowl.

Filter and Pump Pressure Log

Use Table 2 to record the filter inlet, filter outlet, and pump outlet pressure values on a daily basis. Use the data to determine when the pressure has dropped to unsatisfactory levels for your application.

When pressure levels are too low to be corrected by scraping the filter screen, change the filter element. Refer to the *EasyClean Filter Assembly* manual for filter element change procedures.

Table 2 Filter and Pump Pressures Log

Date	Filter Inlet Pressure	Filter Outlet Pressure	Pump Outlet Pressure

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