

# SKF VSM Separator Filter Dryer

## Protect compressed air lines from oil, water vapor and contaminants

When oil, dirt or moisture enters compressed air lines, the adverse results can include lower productivity, higher operating costs and increased maintenance. The Separator Filter Dryer (SFD) from SKF significantly lowers operating costs by providing contaminant free air to pneumatic devices.

The SFD offers a reliable, cost-effective way to keep compressed air free of oil, contaminants, and water. Compact and easy to install, the unit features accessible valves and two spin on desiccant cartridges for easy maintenance.

### Low-cost and low-maintenance for a range of applications

Not just another air dryer, the SFD is an ingenious 3-in-1 duplex system that typically requires less than 10% of air for regeneration and achieves a  $-40^{\circ}\text{F}$  pressure dewpoint for flow rates of up to 40 CFM.

SFD maintenance is straightforward. The molecular sieve (desiccant) and filters are housed within the spin on/off cartridges. Typically, these can be serviced within minutes. If required, the valves may be removed and reinstalled without disassembling the unit.

The SFD dryer system can be mounted on small air compressors, or at point of use such as spray booths, works stations or air lines in service bays. Wherever an uninterrupted supply of clean, dry, compressed air is critical, the SFD can help. In fact, the SFD is currently in use throughout SKF manufacturing facilities.

Features and benefits:

- Compact size allows for easy installation and maintenance
- Three-in-one system removes oil, contaminants, and moisture
- Typically requires less than 10% regeneration air while others draw up to 20%
- Extends life of pneumatic devices and tools
- Less electrical usage than other air drying methods
- Continued operation in cold weather without the downtime to address freeze-ups

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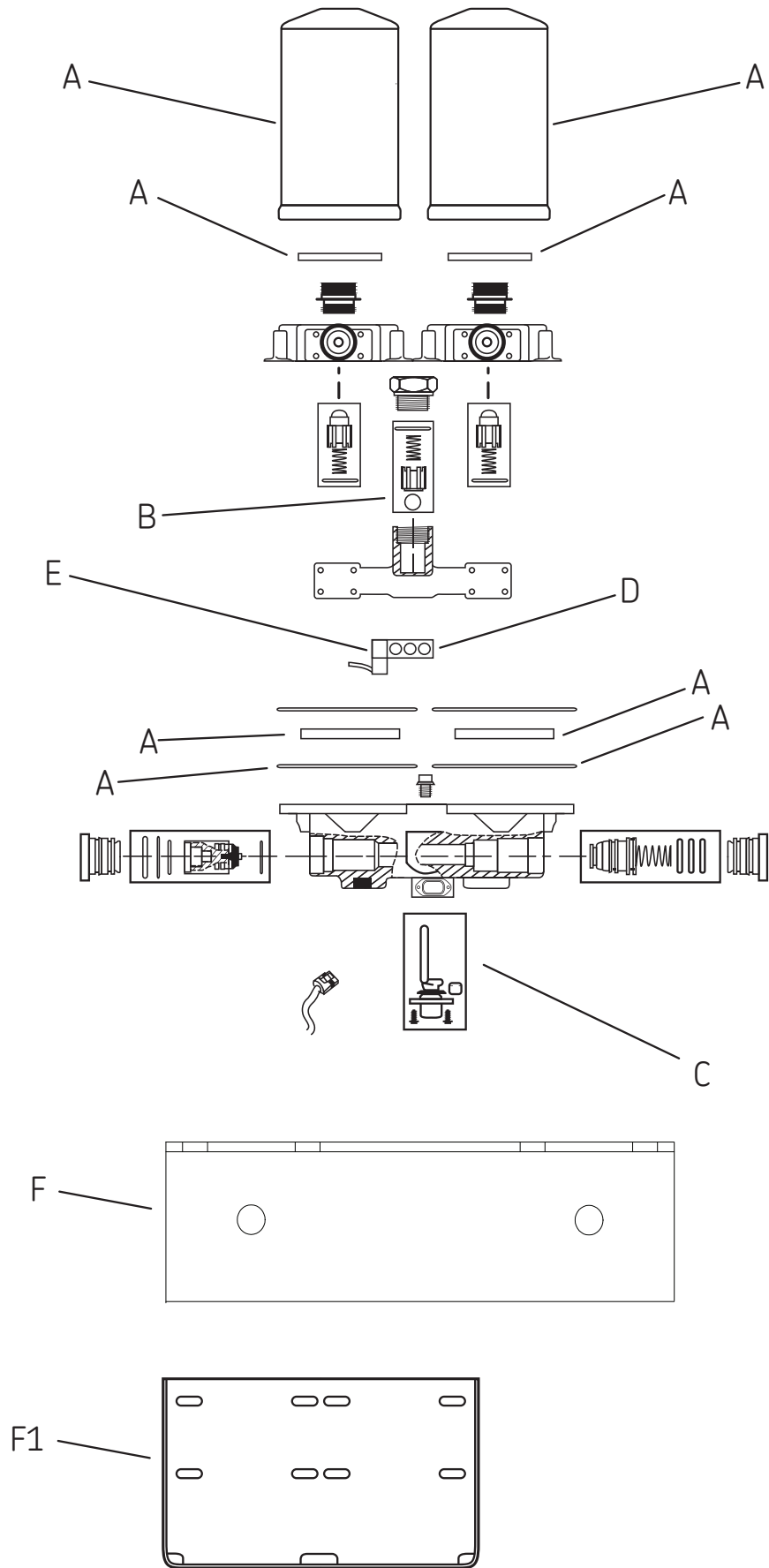
*SFD can be used in any shop  
using pneumatic tools.*

# SFD parts list

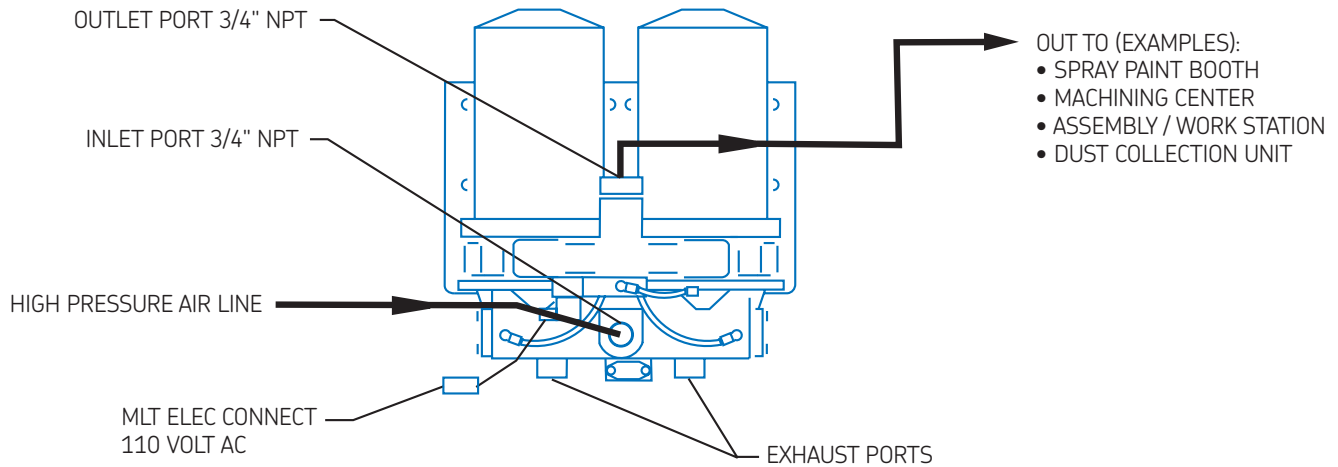
Component identification		
A	<b>619710</b>	Desiccant cartridge kit: includes 2 canisters and 2 filters (.1 micron)
B	<b>619702</b>	Valve service kit: includes 2 check valves, 2 purge valves, 1 outlet check valve
C	<b>619750</b> <b>619110</b> 12V 75W <b>619111</b> 24V 75W	110 Volt heater kit 12 Volt heater kit 24 Volt heater kit
D	<b>619925</b>	Air control valve - 2 air lines
E	<b>619790</b> <b>619912</b> <b>619924</b>	Timer 110 Volt Timer 12 Volt Timer 24 Volt
F	619990	Wall mounting bracket
F1	619980	Universal mounting bracket
	619772	Muffler - 2 needed (not shown)
<b>Bold part numbers represent suggested stock service components</b>		

Air dryer part number description					
Part number	Horsepower	CFM (1HP=4CFM)	Voltage	Bracket style	Heater
640112	up to 10	up to 40	12	Universal	Yes
640124	up to 10	up to 40	24	Universal	Yes
640100	up to 10	up to 40	110	Universal	No
640200	up to 10	up to 40	110	Wall	No

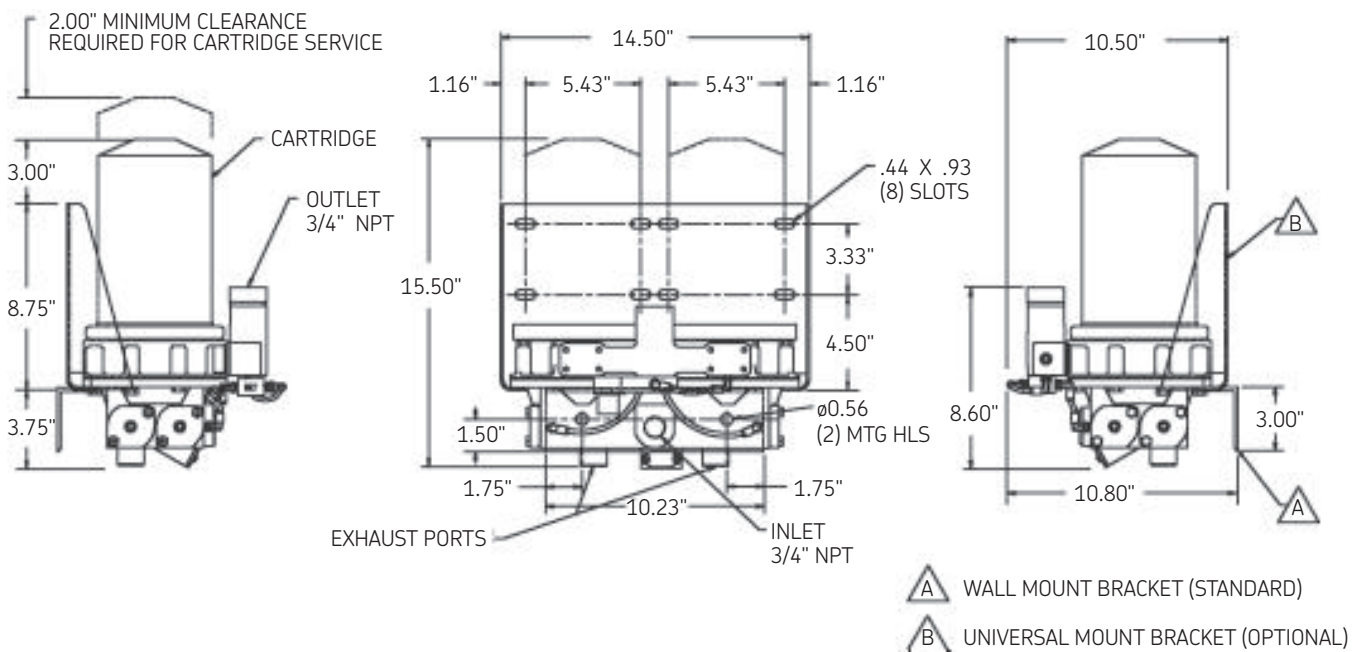
# SFD service schematic



# Air connection schematic



# SFD Unit dimensions



View detailed technical and product videos at [www.skfpartsinfo.tv](http://www.skfpartsinfo.tv)



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