

39900 Series Area Control Cabinet

Includes DJ45, DR4, SS2200



General

The 39900 Series Area Control Cabinet consists of a DJ45 dual piston motor driven pump, reservoir with high-low reservoir level control valve, DR4 hydraulic reversing valve with manual shutoff valves, SS2200 controller and bulk fill solenoid valve mounted in a freestanding floor mount double door enclosure with green power on light, red fault light and combination motor starter with flange mount disconnect.

Being totally enclosed inside a steel cabinet, the components are protected from impact, dust and liquid damage.



Technical Data

Maximum Operating Pressure	2000 psi
Relief Pressure	2500 psi
Reversing Pressure	1500 psi (Factory setting) 500-2000 psi (Range)
Lubricant	NLGI grade 2 grease
Gear Ratio (Standard)	10:1
Solenoid Valve	39909 (2 position, 110/120 VAC 50/60Hz)
Pump	DJ45
Reversing Valve	DR4-5
Pump Output	34 in ³ /min
Motor HP	1 HP
Motor Enclosure	TEFC
Motor Frame Size	143/145 T
Low Level Switch	Yes
High Level Switch	Yes
Reversing Valve Limit Switch	Yes
System Type	Non-Return

ATTENTION

Also available with optional SS4500 controller. Please specify required input voltage at the time of RFQ.

Installation

The cabinet is easy to install:

- + Connect the input power into the combination starter.
- + Connect the reservoir bulk fill line and the two discharge output lines.

Maintenance

For ease of troubleshooting and maintenance a manual shutoff valve is installed in each of the reversing valves output lines within the cabinet an interior light and duplex outlet are also provided.

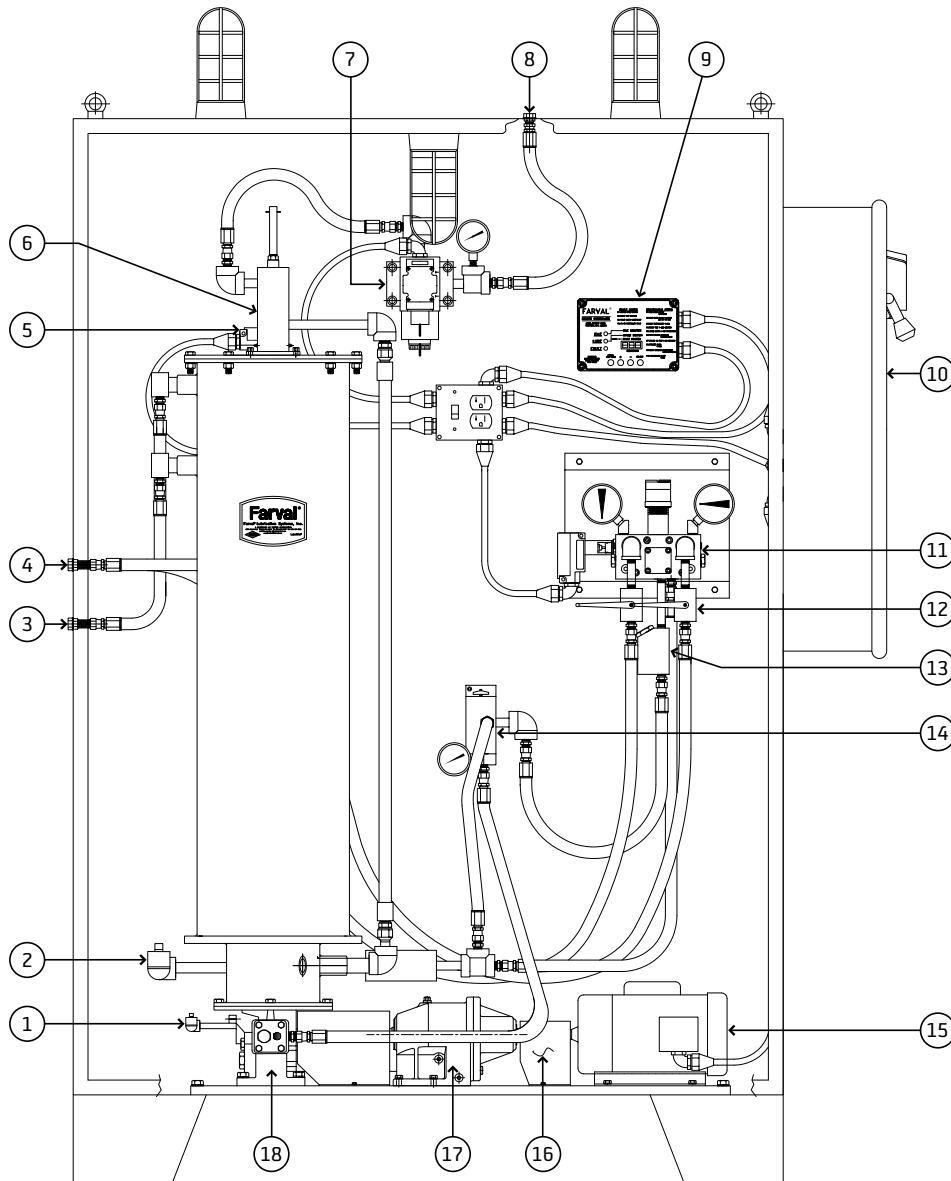
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Morrisville, NC 27560

System Layout



Item	Description
1	Lube pump oil level
2	Lube pump vent and oil fill
3	Overflow (1/2" NPT)
4	Lube outlets (1/2" NPT)
5	U6343- High/low level switch
6	39929- Mechanical shut-off valve
7	39909- Solenoid valve
8	Lube inlet port (1/2" NPT)
9	SS2200 Controller

Item	Description
10	39926- Disconnect/starter combination
11	DR45K- Reversing valve assembly
12	37161- High pressure ball valve
13	LS03120- Line strainer w/500 micron screen
14	DC4110121- Relief valve assembly
15	39936- Motor
16	U109012- One way coupling
17	39302- Gear reducer
18	DJ45- Piston pump

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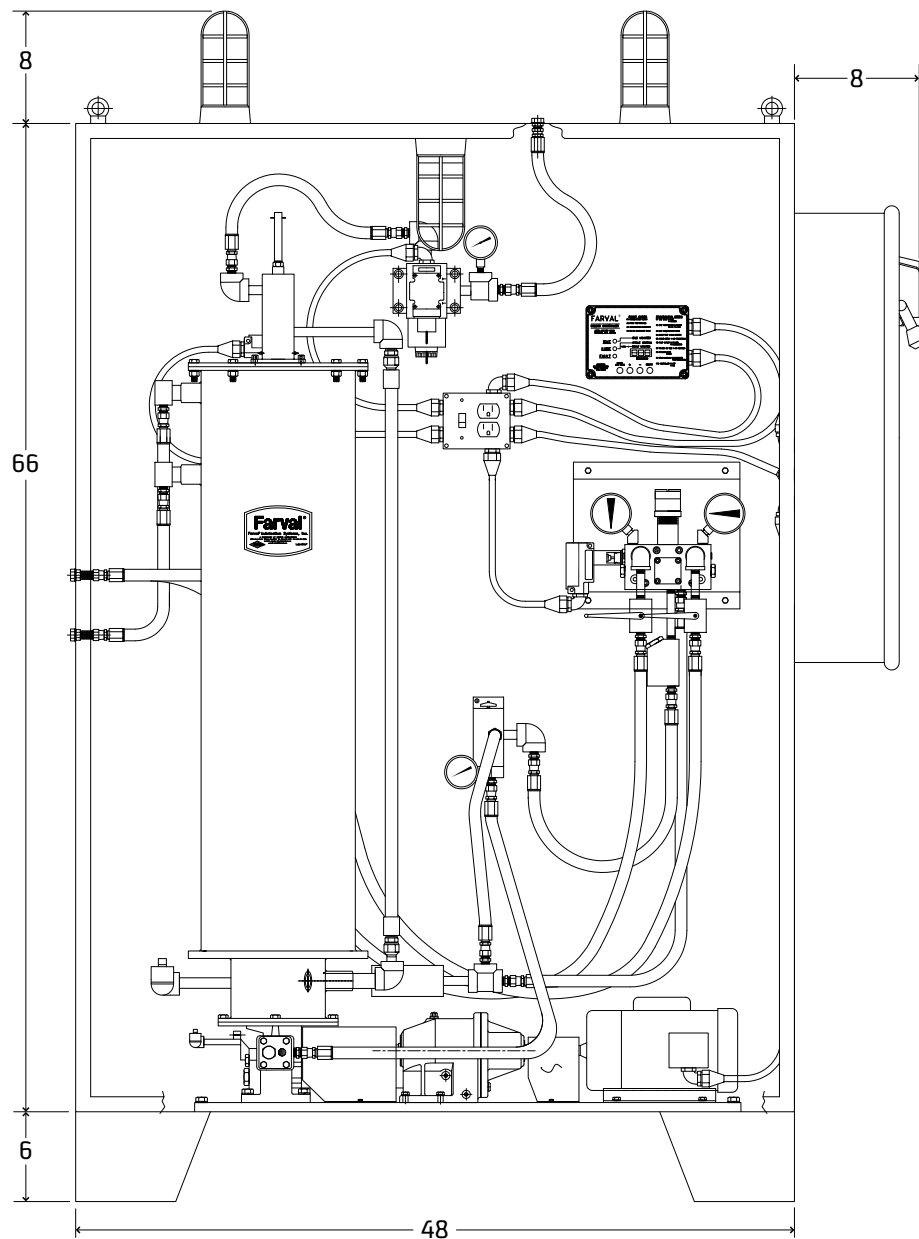
How to Order

Measurements shown in inches.

Name	Part #
39900 Series Area Control Cabinet	39900

When ordering, specify by name, description and part number, e.g. 39900 Series Area Control Cabinet, Part #39900.

Dimensional Schematics



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