

FMS-254 Touch Screen Controller

The ACS FMS 254 Fuel polishing system is controlled and monitored via a 15" touch screen controller. The unit allows customization of the control functions, monitors operation and reports alarms. The unit can stand alone or is capable of remote communications via MODBUS RS-485 Ethernet connection.

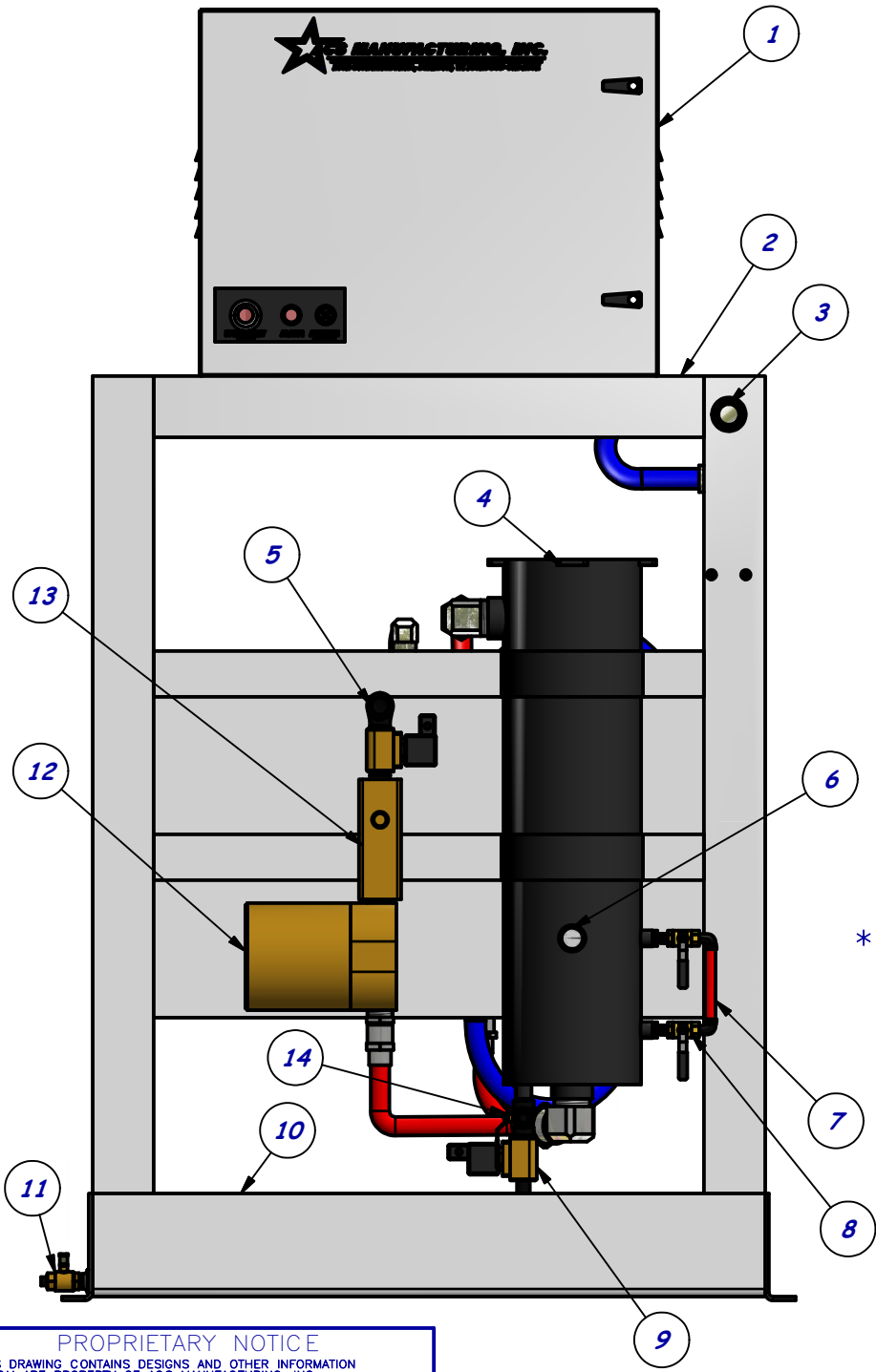
FMS-254
TOUCH SCREEN
CONTROLLER ENCLOSURE



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REV	ECO NUMBER	DESCRIPTION	BY	APPD	DATE

TOLERANCES (EXCEPT AS NOTED)		ACS MANUFACTURING, INC. DENISON, TEXAS ACS-FMS-25.4 ACS-FMS 25.4	DRAWN BY: DWB
DECIMAL: ± .125	TITLE:		CHECKED BY: PM
FRACTIONAL: ± 1/8"	SCALE: 1/4" = 1'		CHECKED BY: KP
ANGULAR: ± 3°	DATE: 9/28/10		APPROVED BY: PM
DATE: 9/28/10		DRAWING #:	SHEET # REVISION
			1 of 4




PARTS LIST	
ITEM	DESCRIPTION
1	SYSTEM CONTROLLER ENCLOSURE W/ COLE PARMER VACUUM CONTROLLER, AND 15" COLOR TOUCHSCREEN
2	EQUIPMENT RACK / SKID (ALUMINUM)
3	SYSTEM INLET CONNECTION - NPT
4	RACOR (RVFS) - HYDROCARBON 1 MICRON FILTER/WATER SEPARATOR
5	120 VAC SOLENOID VALVE - JEFFERSON # 1342
6	FILTER DIFFERENTIAL PRESSURE GAUGE
7	WATER LEVEL SIGHT GLASS
8	SIGHT GLASS ISOLATION BALL VALVE
9	FILTER WATER SUMP AUTO DRAIN VALVE
10	28 GALLON SPILL PAN
11	SPILL PAN DRAIN VALVE
12	ALGAE-X MODEL 4000 FUEL CONDITIONER
13	KRAL FLOW METER
14	¼ TURN S.S. BALL VALVE (FILTER SUMP DRAIN)

CABINET PAINT SPECIFICATIONS	
COLOR	DESCRIPTION
	WASH & PHOSPHATE UNDERCOAT
WHITE	POLYESTER POWDER FINISH INSIDE
WHITE	POLYESTER POWDER FINISH OUTSIDE

* CABINET DOOR NOT SHOWN FOR CLARITY *

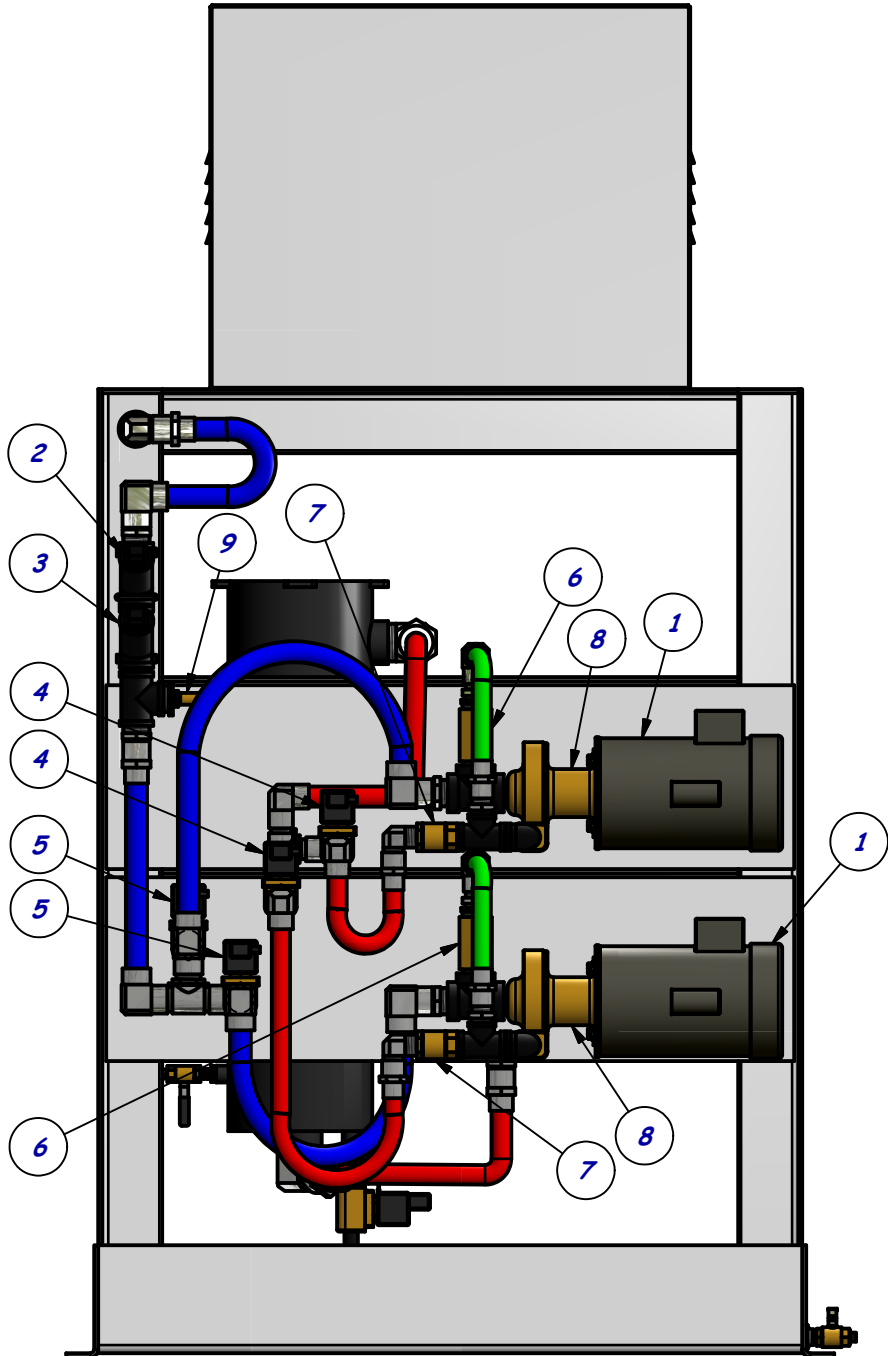
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ACS MANUFACTURING, INC.
 1601 COMMERCE BLVD. - DENISON, TEXAS - 75020

TOLERANCES (EXCEPT AS NOTED) DECIMAL: ± .125 FRACTIONAL: ± 1/8" ANGULAR: ± 3" SCALE: 1/4" = 1" DATE: 9/28/10	ACS MANUFACTURING, INC. DENISON, TEXAS ACS-FMS-25.4 (FRONT VIEW) ACS-FMS-25.4	DRAWN BY: DWB CHECKED BY: PM CHECKED BY: KP APPROVED BY: PM SHEET # REVISION 2 of 4
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PARTS LIST	
ITEM	DESCRIPTION
1	LEESON 2 H.P. -115 VAC- 3600 R.P.M. MOTOR – (TEFC)
2	SYSTEM PRIMING PORT
3	BRASS “Y” STRAINER W/ 100 MESH S.S. SCREEN
4	120 VAC SOLENOID VALVE
5	120 VAC SOLENOID VALVE
6	STRAVAL RELIEF VALVE
7	STRAVAL CHECK VALVE
8	PRICE – CD100 PUMP 25 G.P.M.
9	COLE-PARMER VACUUM SENSOR

- * REAR PANEL NOT SHOWN FOR CLARITY *
- * ALL HOSE 1 1/4” W/ FLAT FACE O-RING SEAL CONNECTIONS
- * ALL COMPONENT CONNECTIONS NPT W/ FLAT FACE O-RING SEAL ADAPTORS

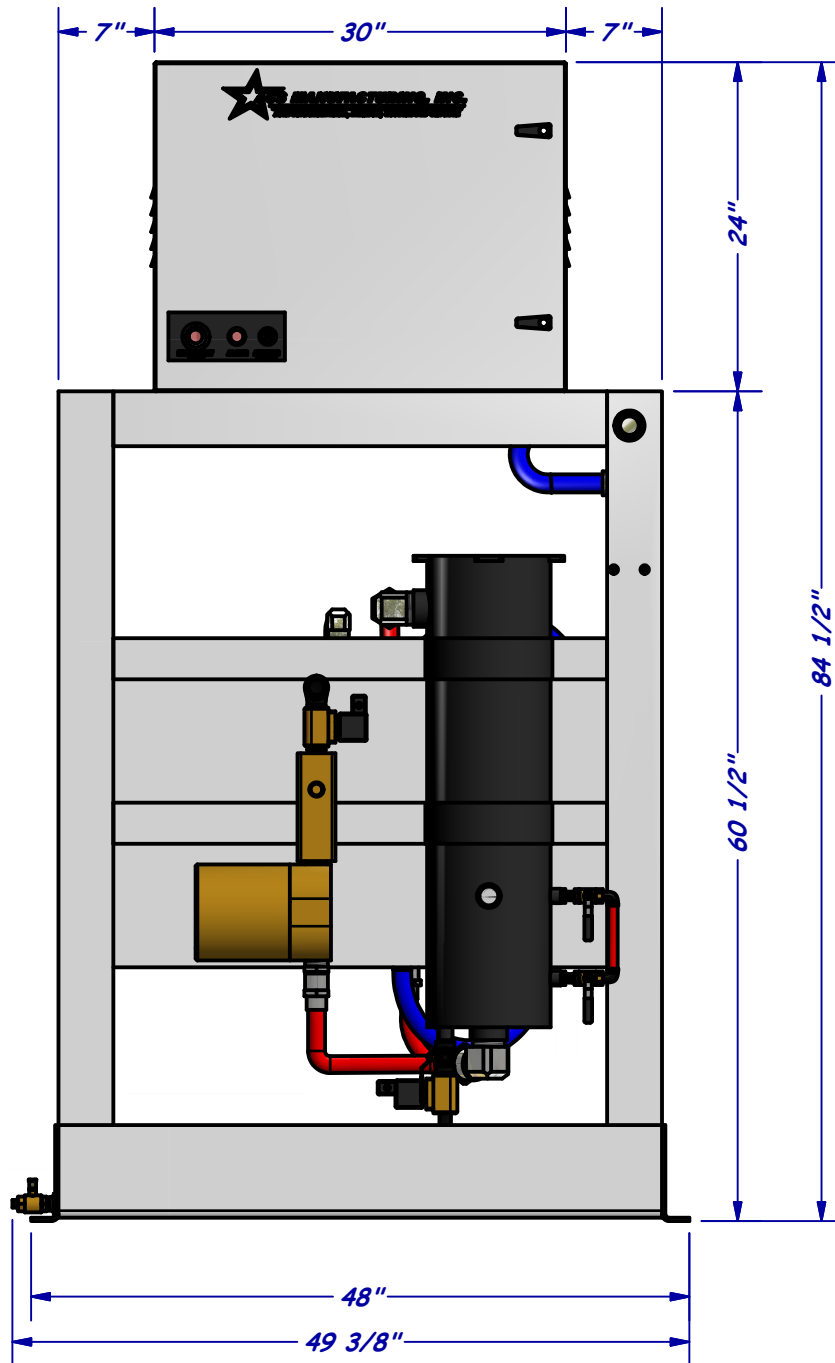
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