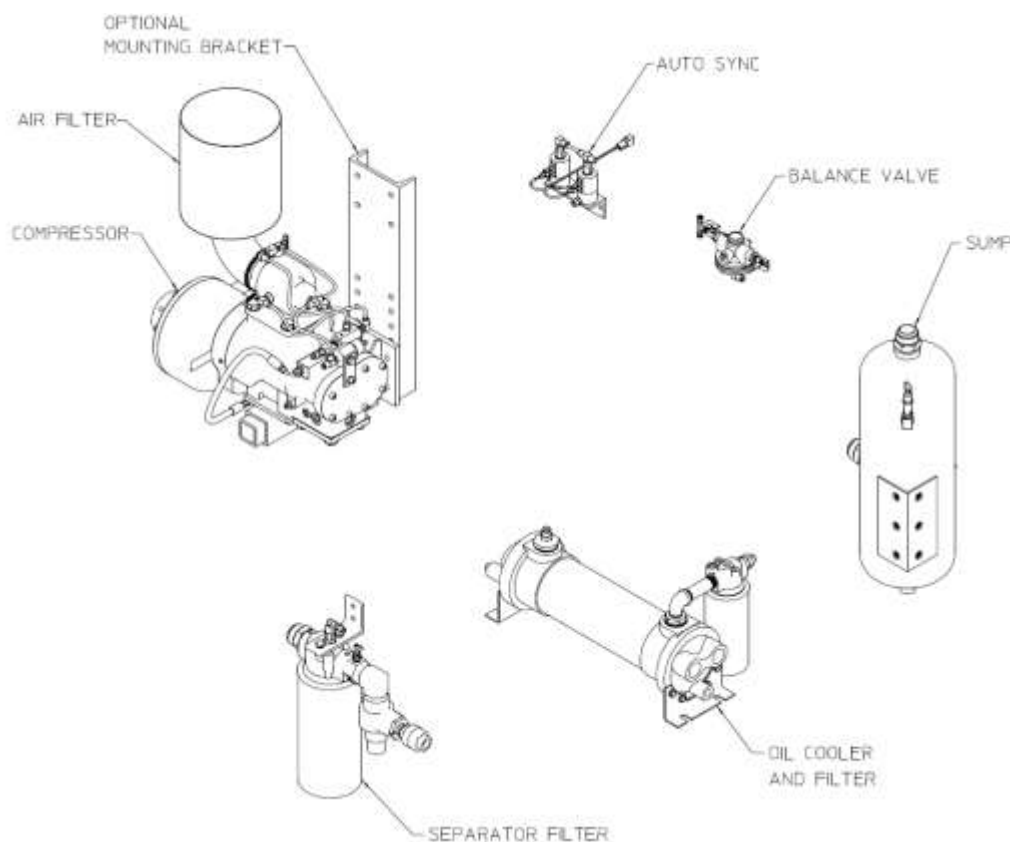


PTO Compressor Kit Dimensional Drawings Models 140-P and 200-P

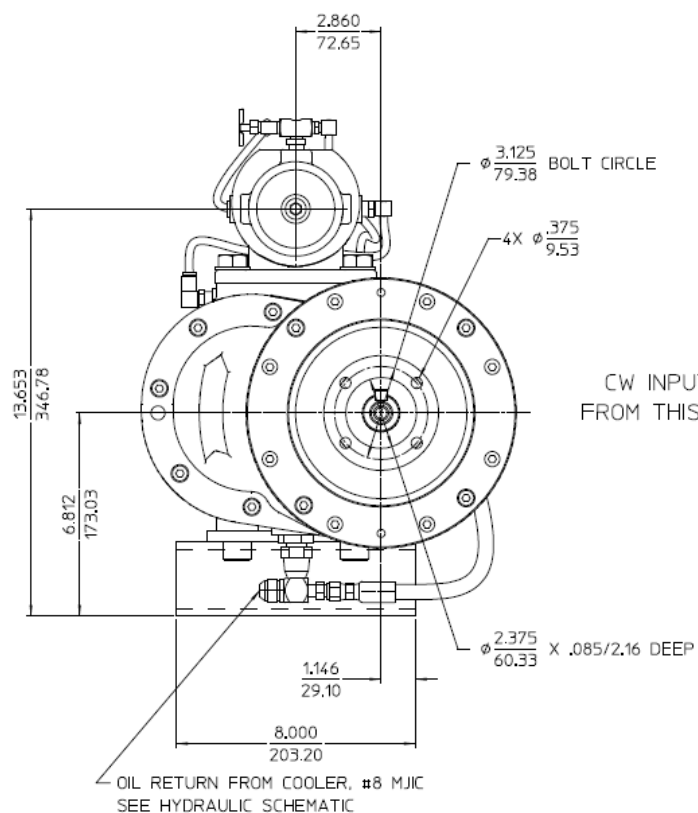


Standard Components:	Page
Compressor	2
Sump (Oil Reservoir):	
Model 140-P	3
Model 200-P	4
Oil Cooler and Filter	5
Air Filter	6
Separator Filter	6
Auto-Sync	7
Balance Valve	7
Oil Temperature Gauge	7
Panel Plates	7

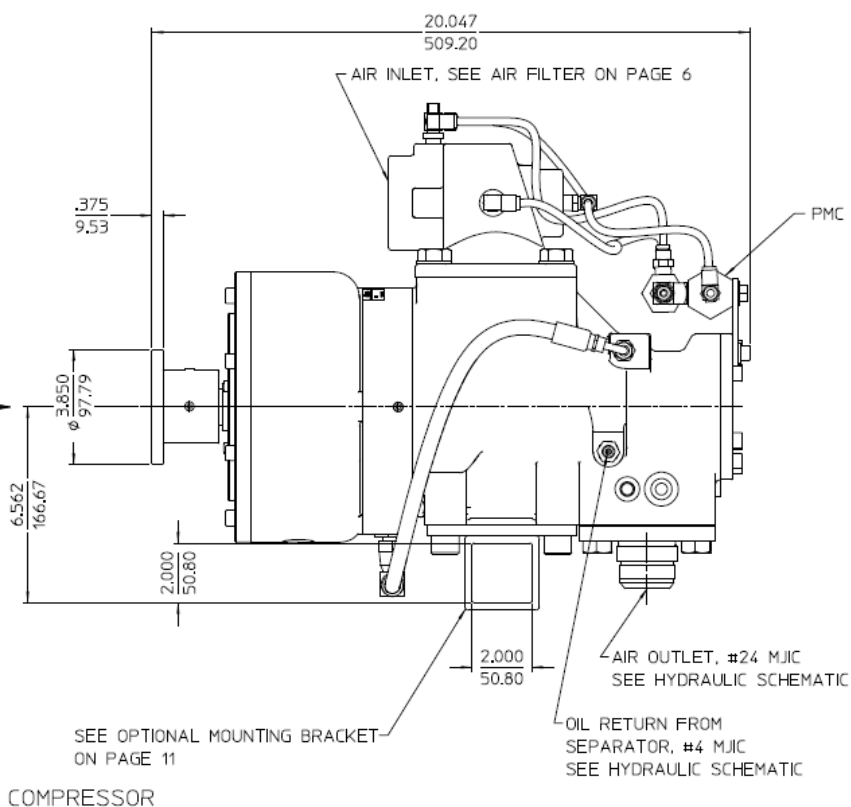
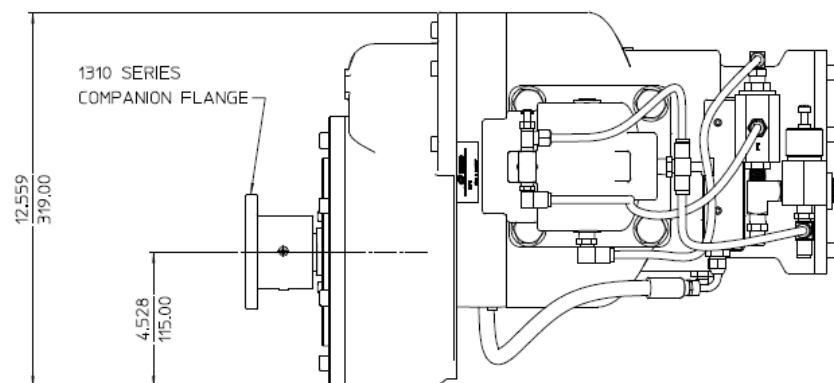
Optional Components:	
Air Distribution Manifold and Valves	8
Auxiliary Air Connection	9
Air Pressure Gauge	10
Digital Air Flow Meter	10
Sump Vent	10
Mounting Brackets	11
Air Oil Cooler (Electric Fan)	12
Tee Sump (Oil Reservoir)	13
Oil Inject Check Valve	See DPL83810
Hose and Fitting Kit	See DPL83810
CAF Discharge:	
Air Discharge Check Valve Kits	See DPL83477
ICS Valves	See DPL83478
Static Mixers	See DPL83603
Manifolds	See DPL83682
Foam Pumps:	
Models Aquis 1.5, 3.0 or 6.0:	See F-1031, Section 2447

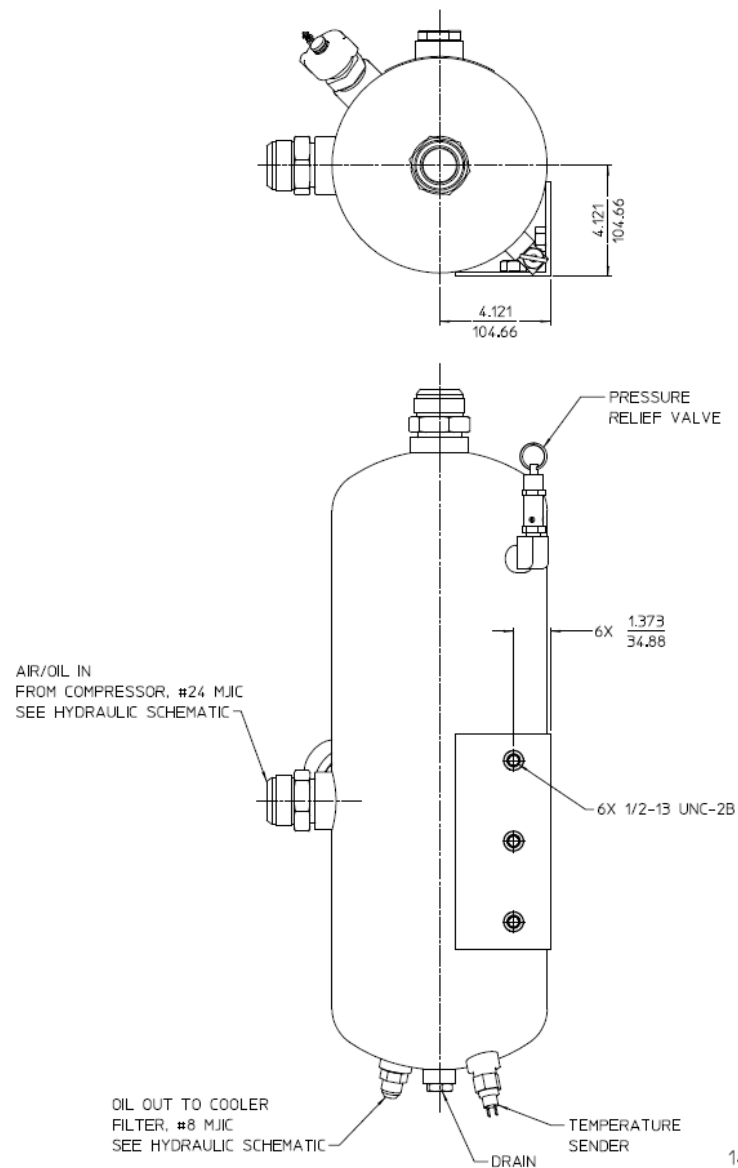
Schematics:	
Hydraulic:	
Model 140-P	14
Model 200-P	15
Air Circuit	16
Electrical	17

ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(
INCH
MILLIMETER

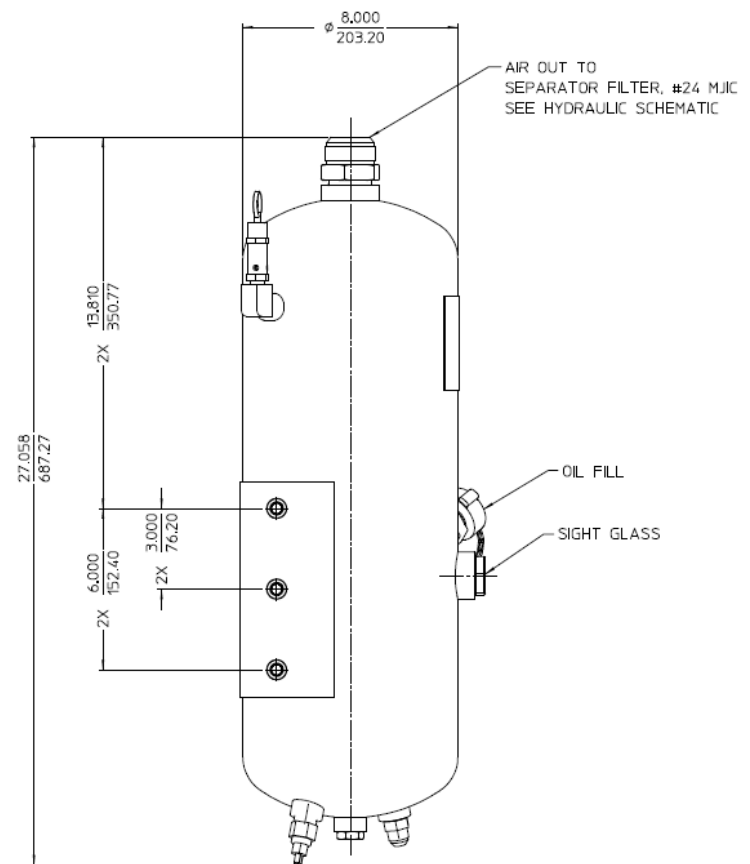


CW INPUT
FROM THIS END →

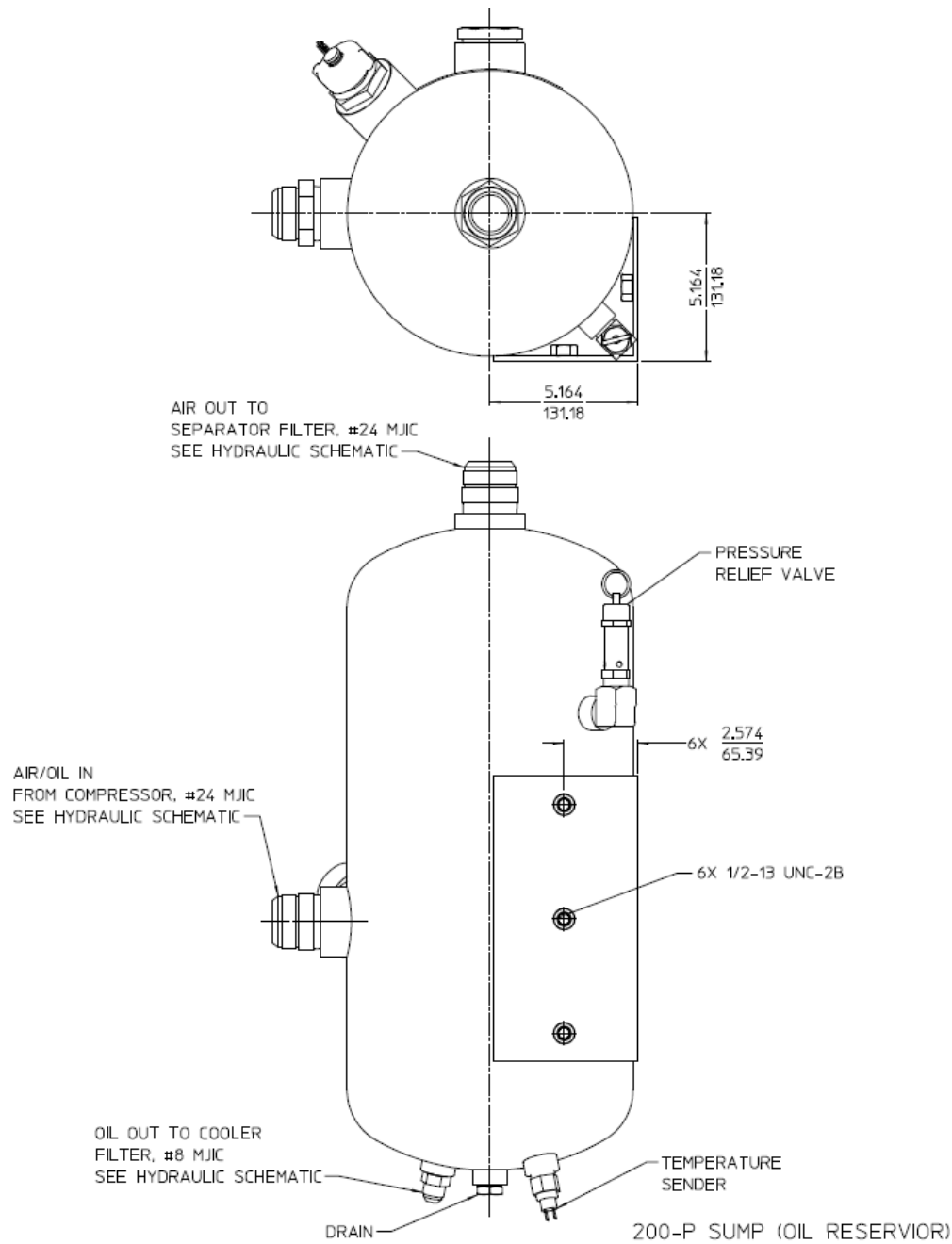




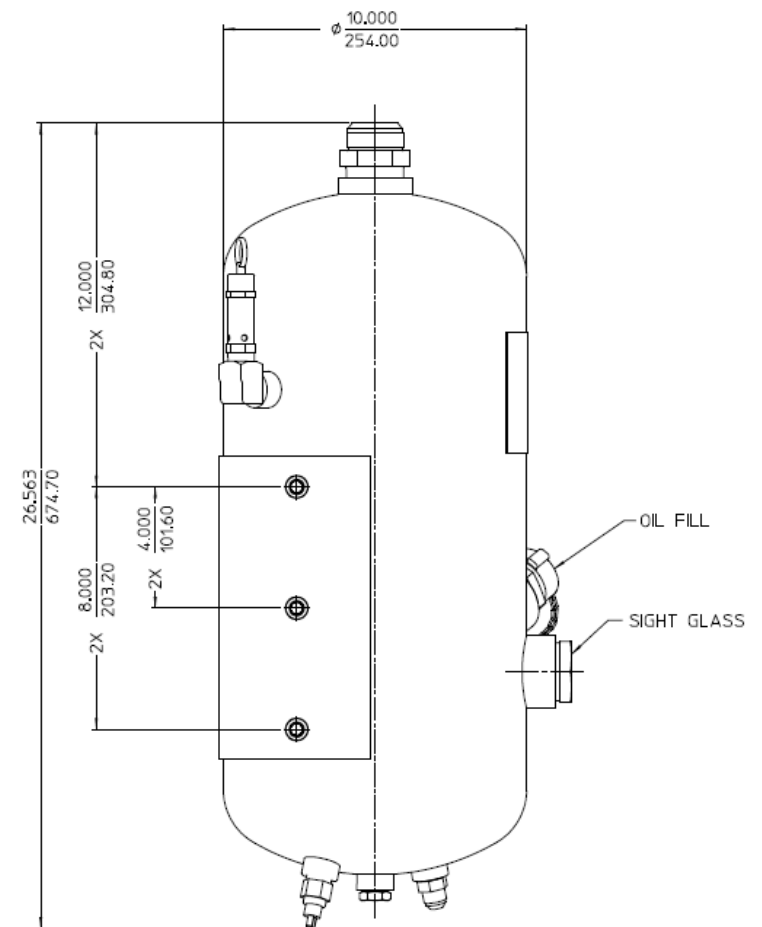
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(INCH / MILLIMETER)

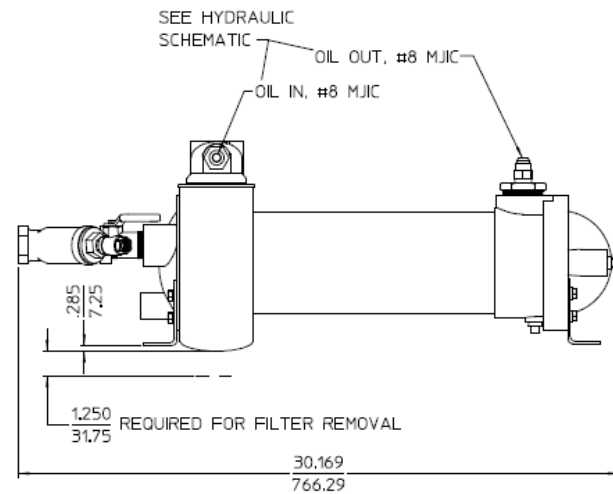
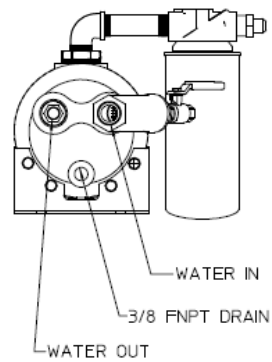
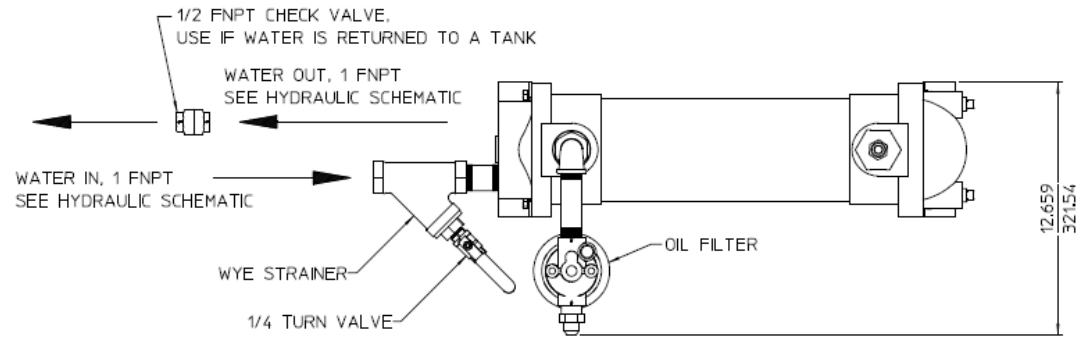


140-P SUMP (OIL RESERVIOR)

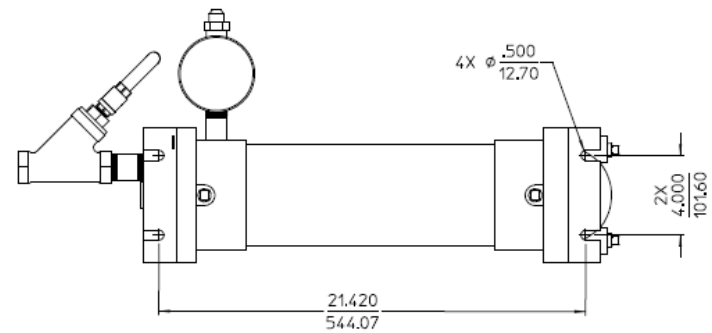


ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH / MILLIMETER)

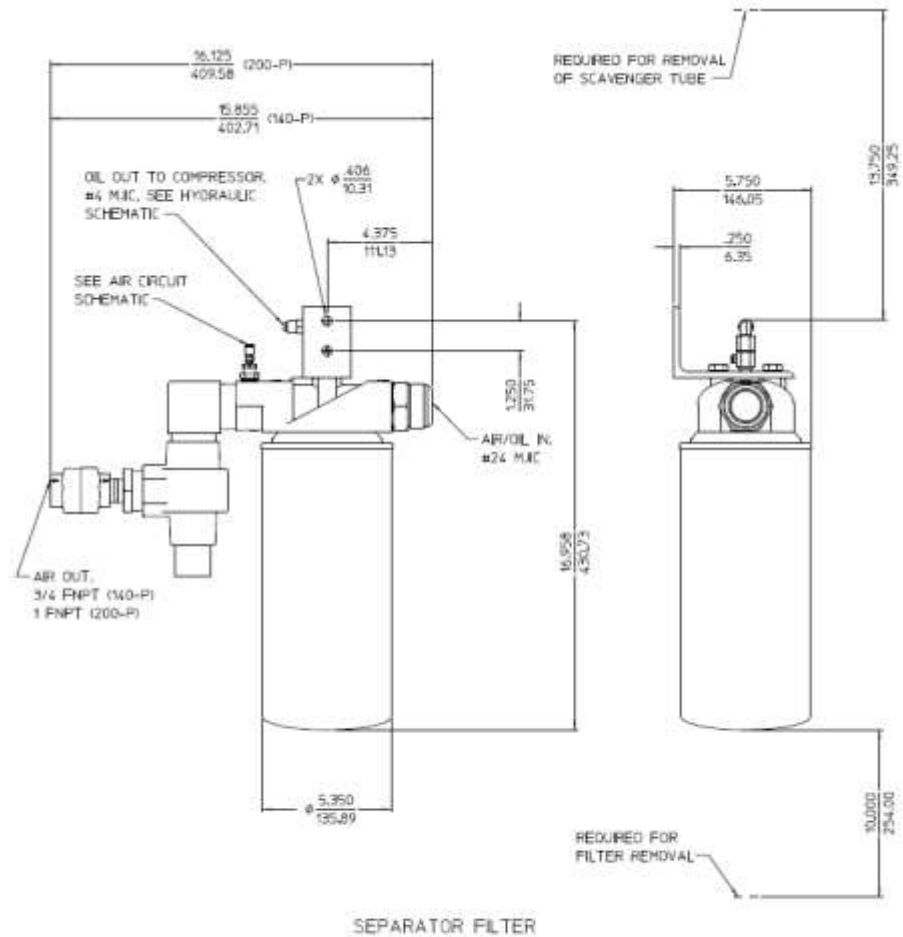
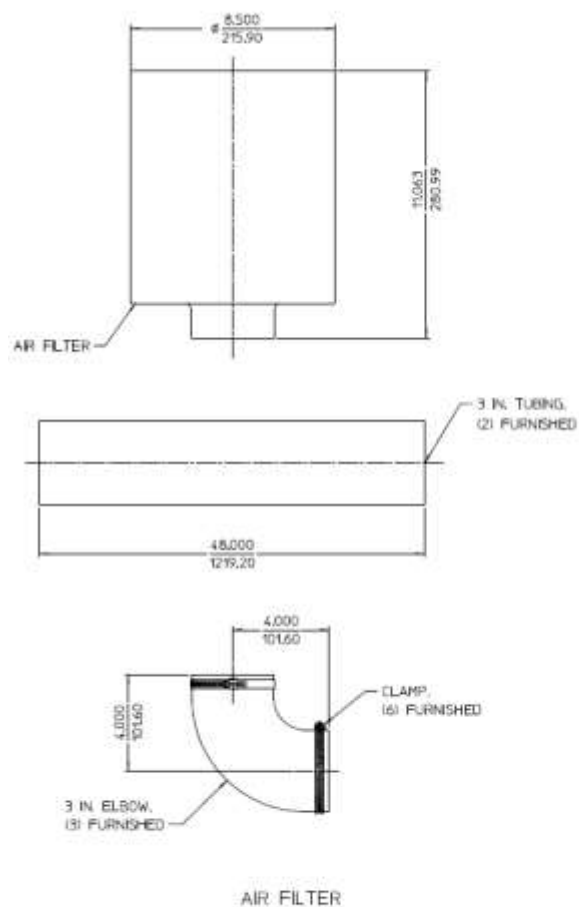




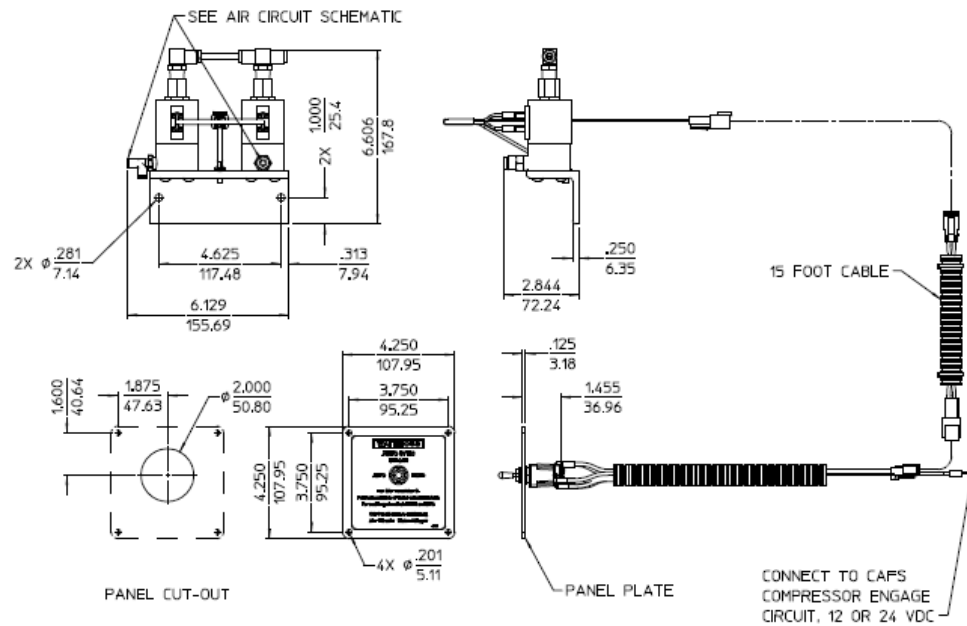
ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH
MILLIMETER)



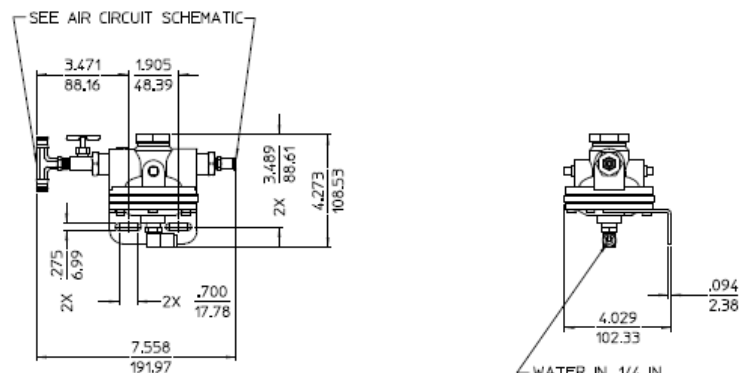
OIL COOLER & FILTER



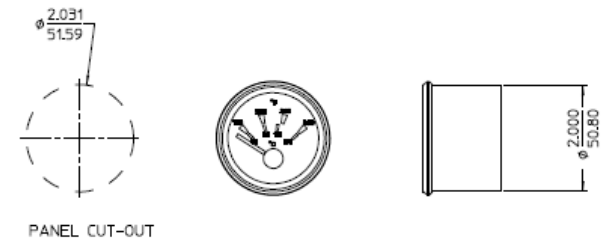
ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH
MILLIMETER)



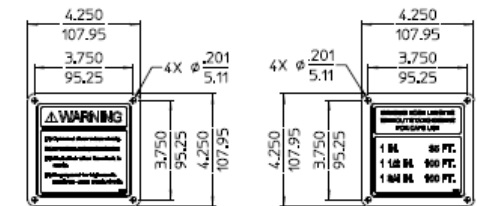
AUTO-SYNC



BALANCE VALVE

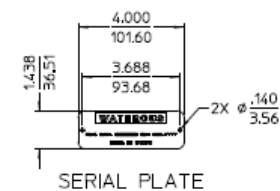


OIL TEMPERATURE GAUGE
(WIRING TO SUMP TEMPERATURE SENDER
NOT FURNISHED BY WATEROUS)



CAFS WARNING

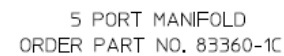
HOSE LENGTH



SERIAL PLATE

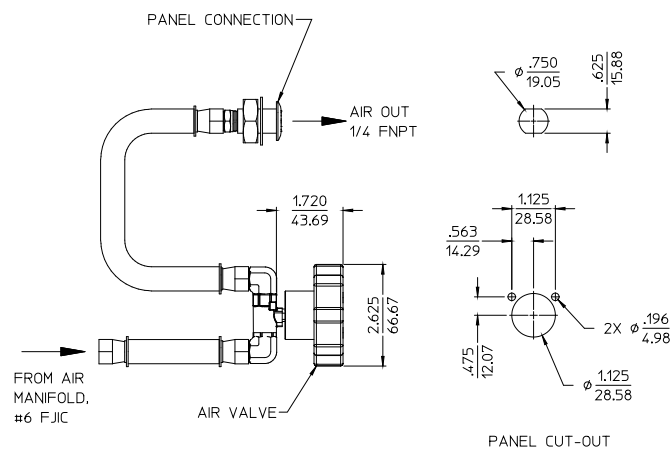
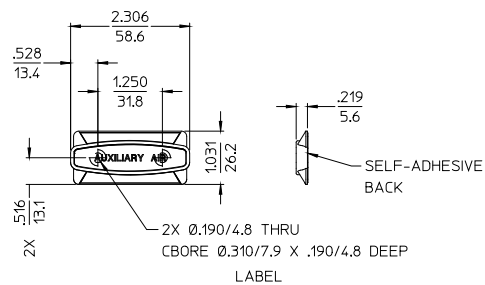
PANEL PLATES

ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH
MILLIMETER)



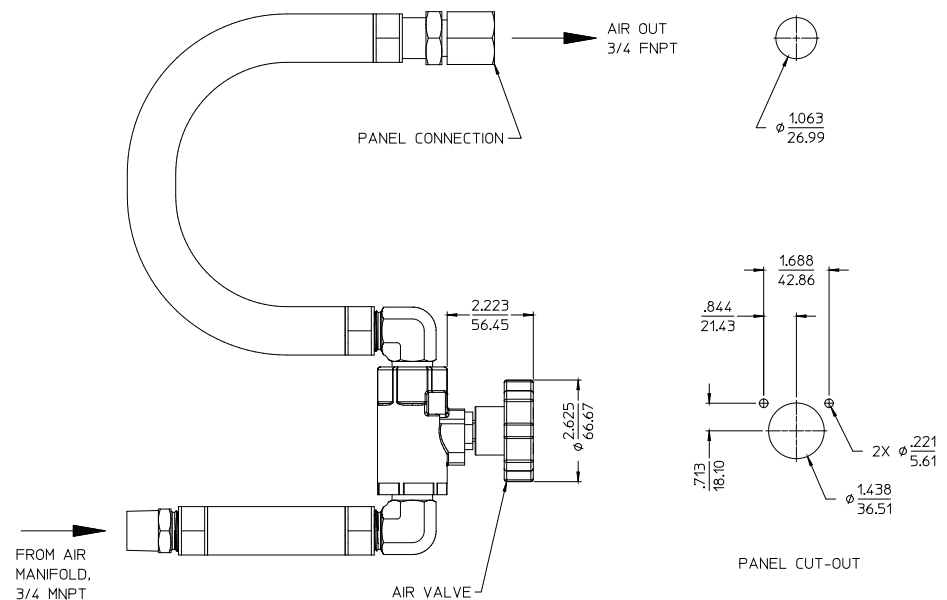
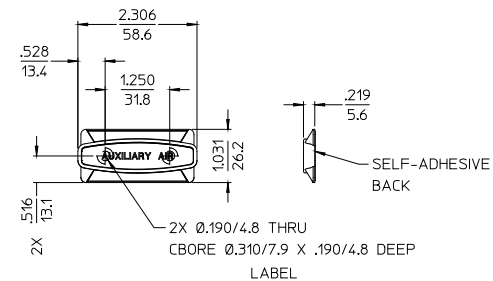
ELECTRIC		MANUAL	
1/2 IN.	1/2 IN.	1/2 IN.	3/4 IN.
OPTIONAL AIR VALVES			

OPTIONAL AIR VALVES



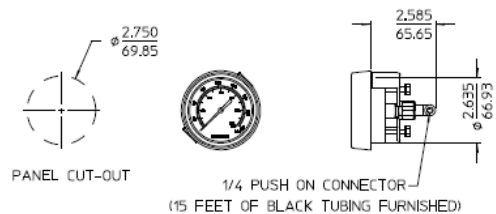
1/4 FNPT CONNECTION
(HOSES AND FITTINGS FURNISHED)
ORDER PART NO. 83360-3A

ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH
MILLIMETER)

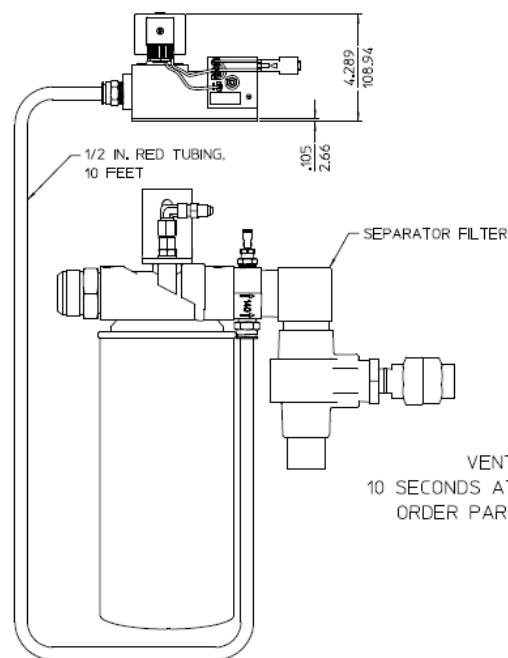
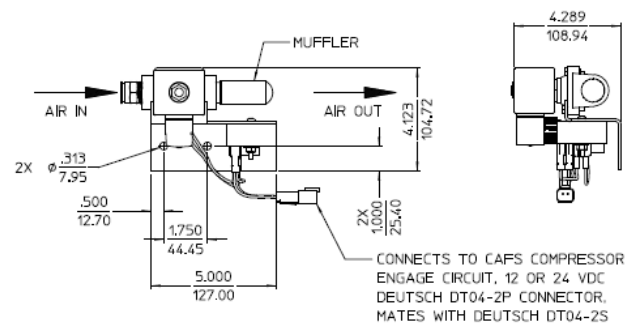
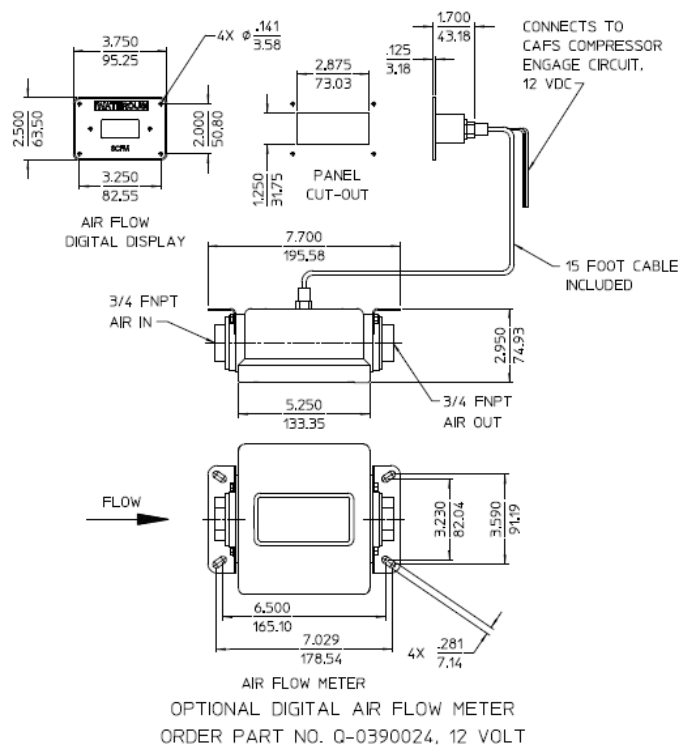


3/4 NPT CONNECTION
(HOSES AND FITTINGS FURNISHED)
ORDER PART NO. 83360-3B

OPTIONAL AUXILIARY CONNECTION

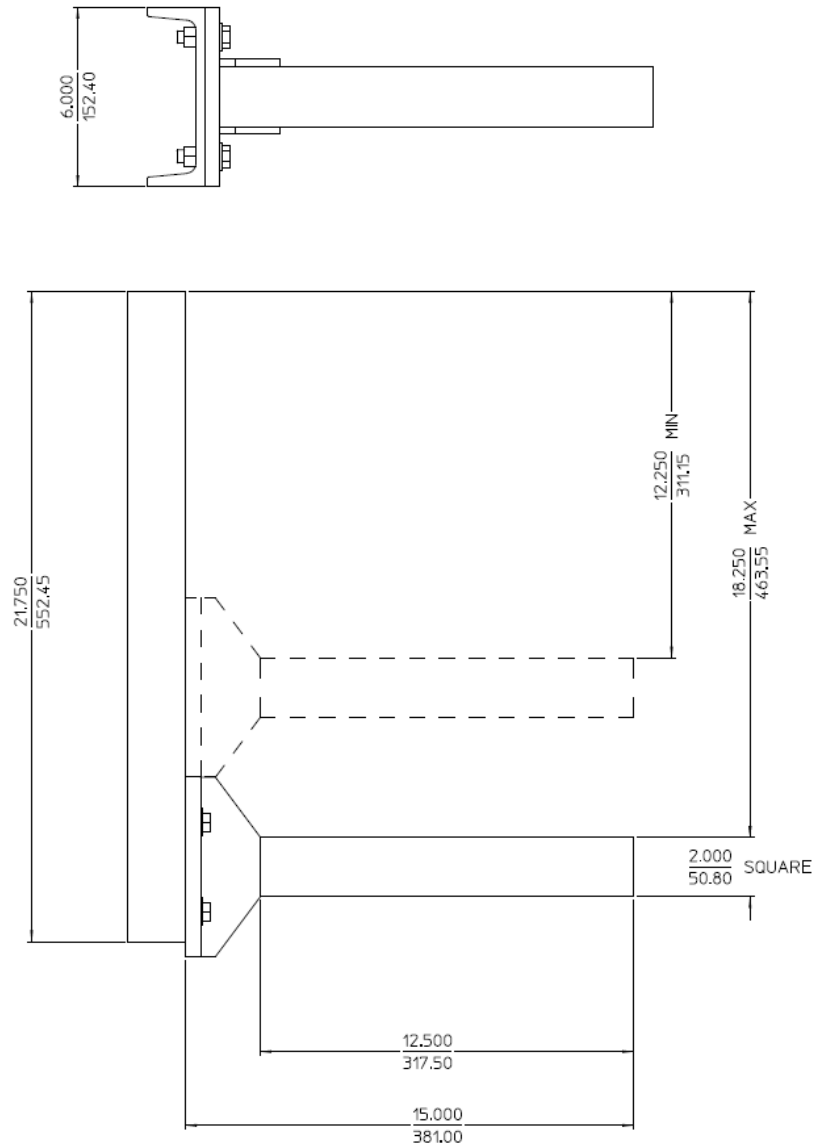


OPTIONAL AIR PRESSURE GAUGE
SINGLE Mpa SCALE ORDER PART NO. 83417-1A
DUAL PSI/Kpa SCALE ORDER PART NO. 83417-1B

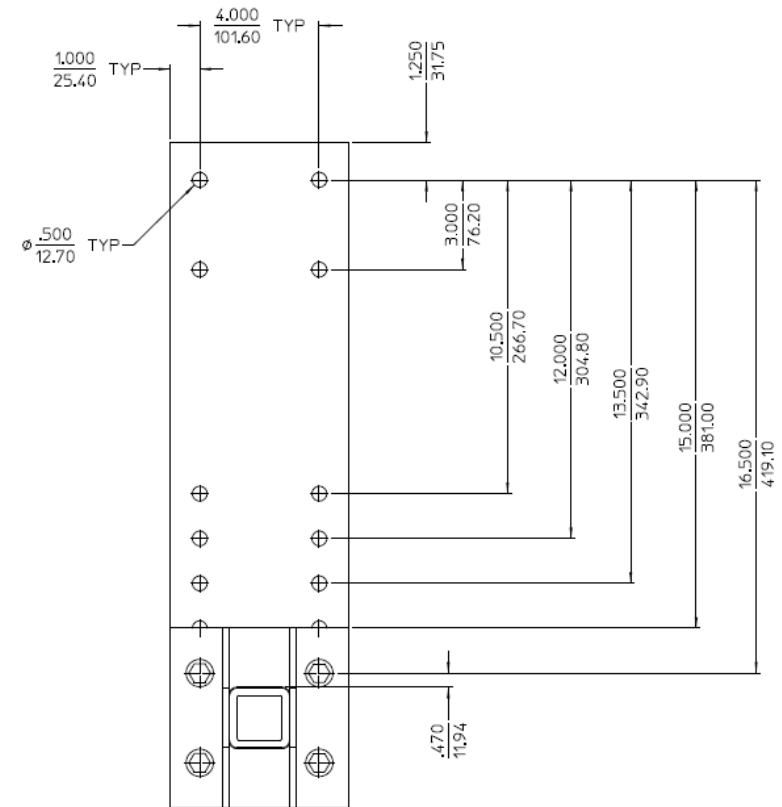


ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH
MILLIMETER)

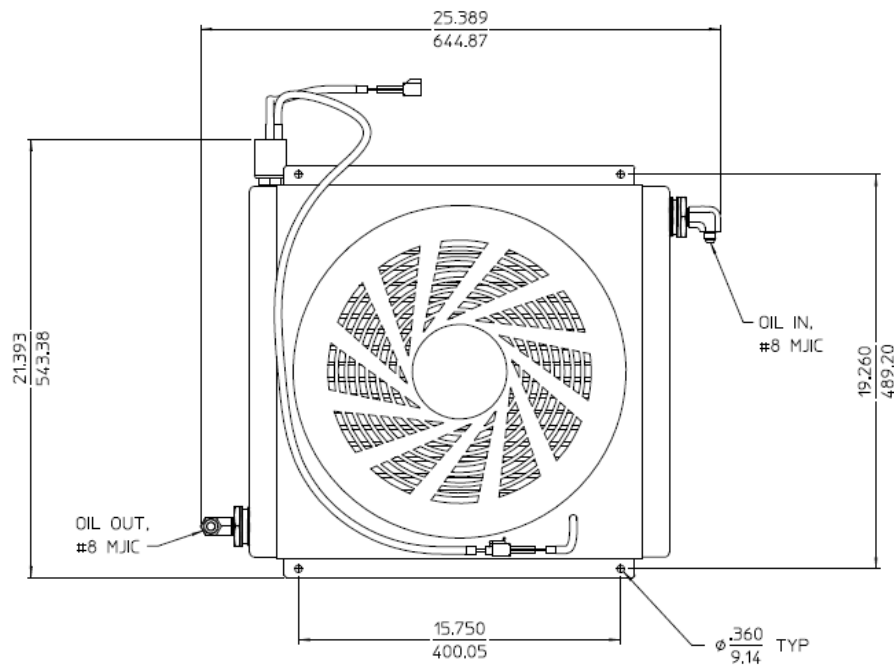
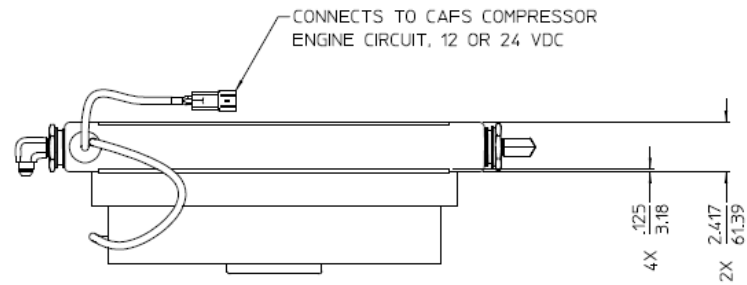
OPTIONAL SUMP VENT
VENTS COMPRESSOR PRESSURE FOR
10 SECONDS AT START-UP TO PREVENT ENGINE STALLING
ORDER PART NO. 83293-2A (12V) OR 83293-2B (24V)



OPTIONAL MOUNTING BRACKETS



ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
(INCH
MILLIMETER)

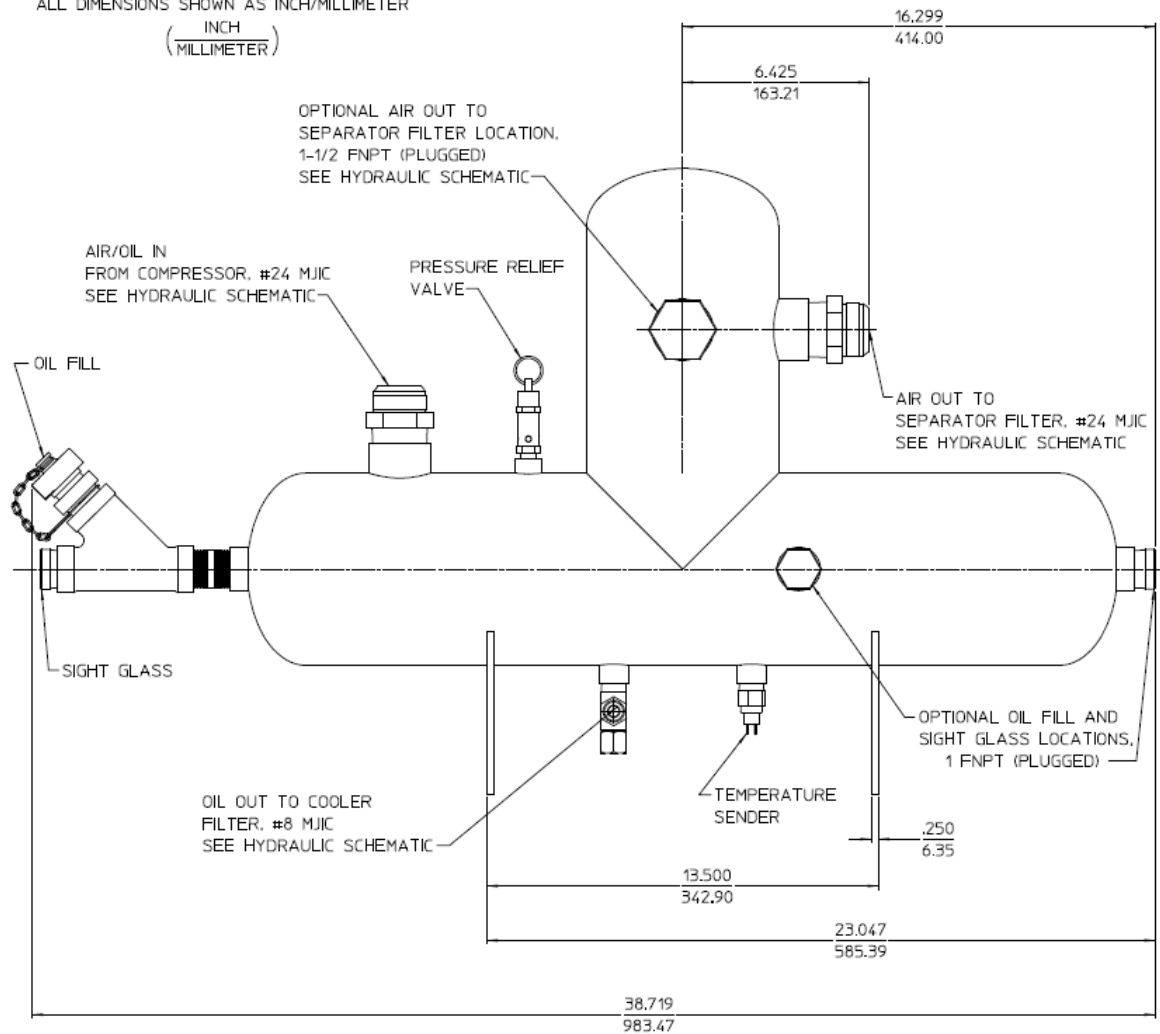


ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
($\frac{\text{INCH}}{\text{MILLIMETER}}$)

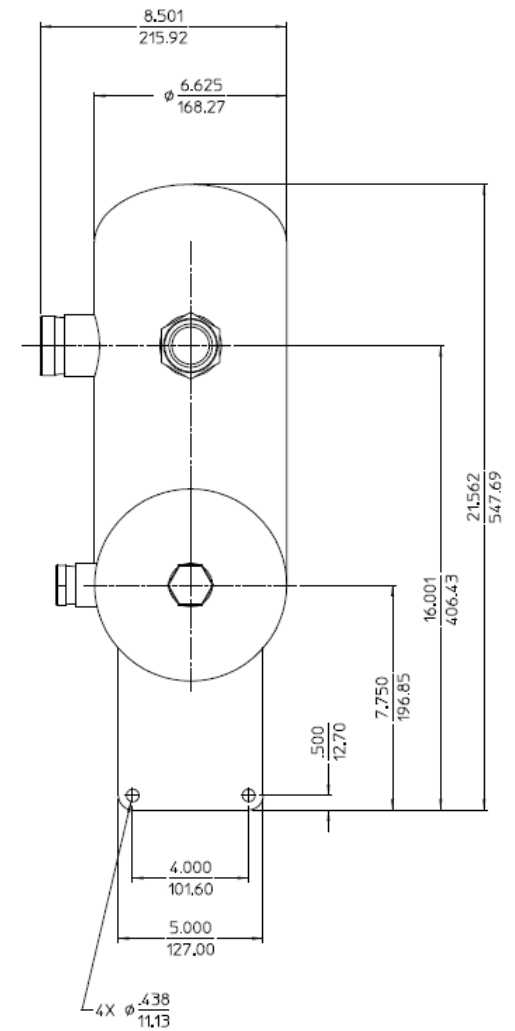
OPTIONAL AIR OIL COOLER (ELECTRIC FAN)

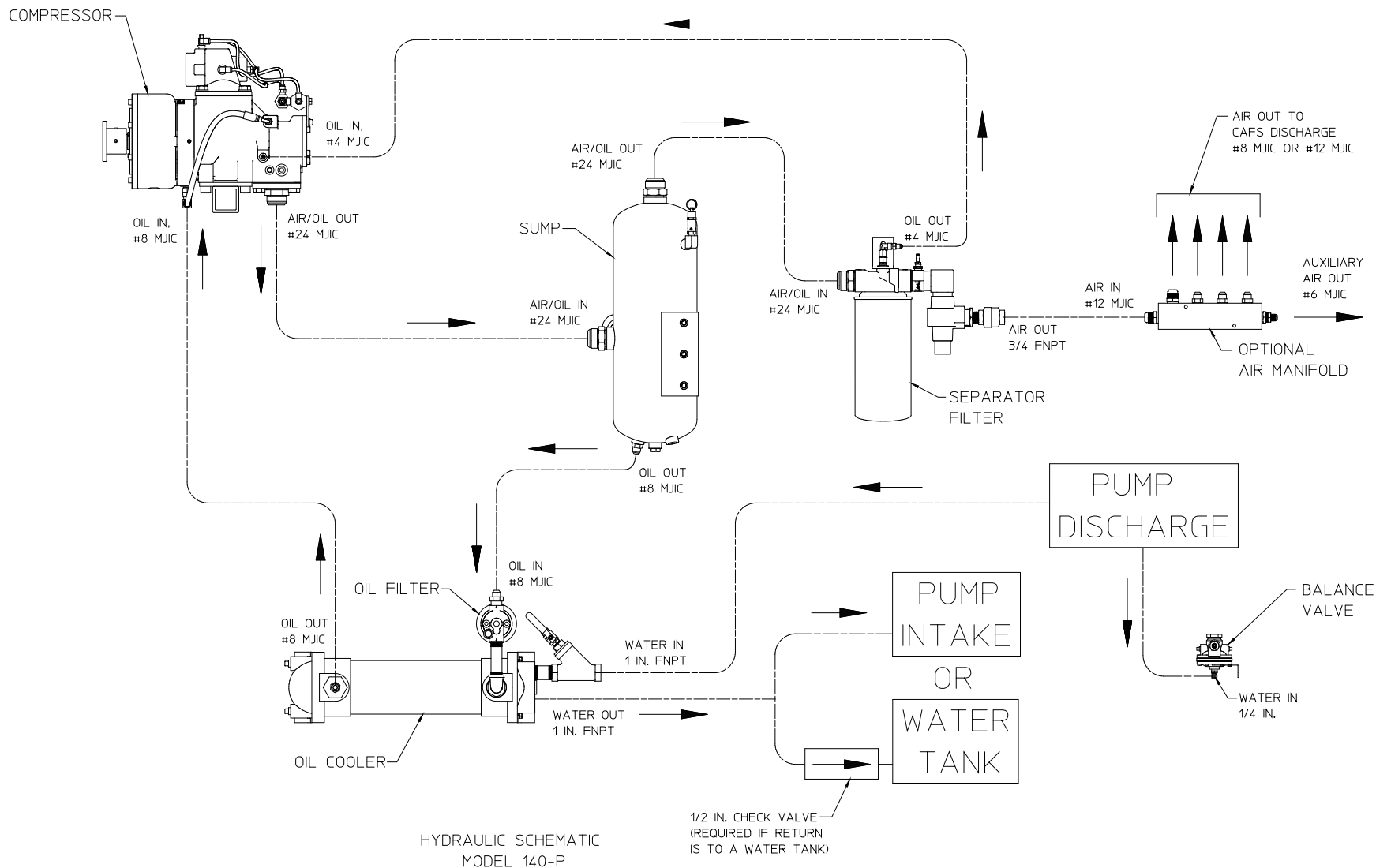
MAY BE USED AS SECONDARY COOLER IN CONJUNCTION WITH
OIL COOLER ON PAGE 5,
NOT AVAILABLE AS STAND ALONE COOLER

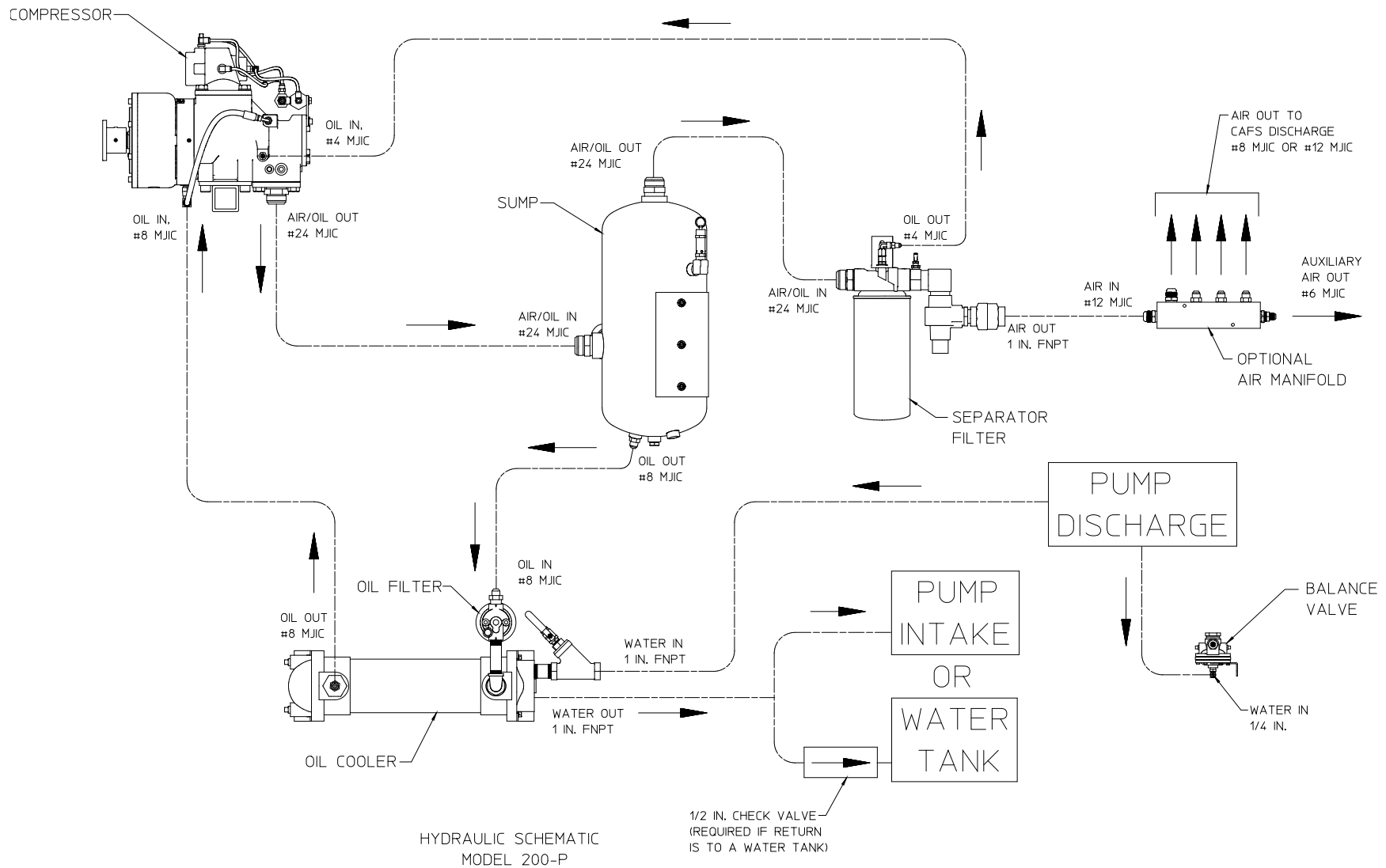
ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
 INCH
 (MILLIMETER)

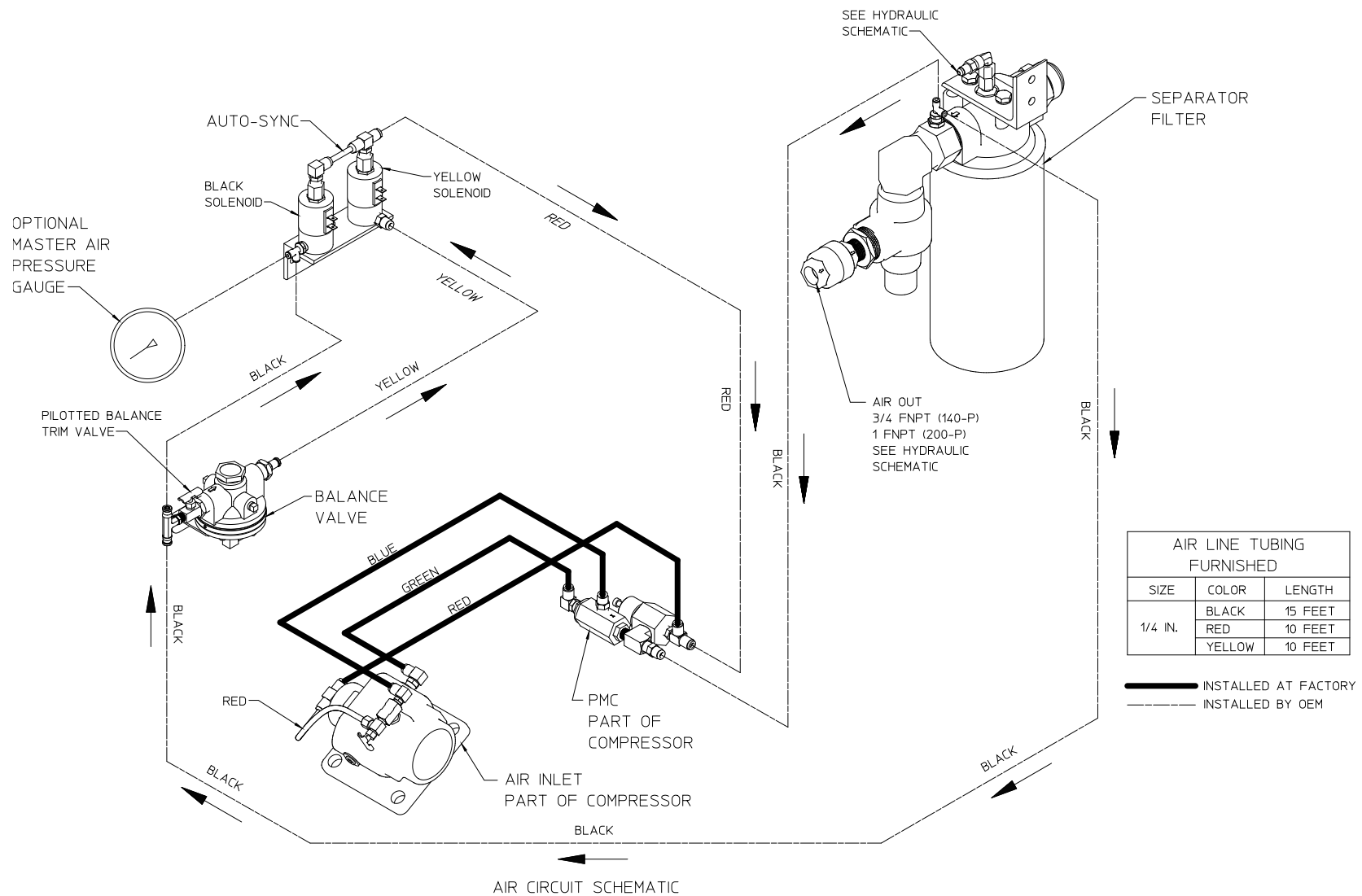


OPTIONAL TEE SUMP (OIL RESERVIOR)









IGNITION SWITCH
POWER SOURCE +12 OR 24V

SUMP AND TEMPERATURE
SENDER, SEE PAGES 3 & 4

OIL TEMPERATURE
GAUGE, SEE PAGE 7

RESISTOR
24V ONLY

1/4 IN.
LARGE
TERMINAL

CHASSIS
GROUND

3/16 IN.
SMALL
TERMINAL

OPTIONAL
COMPRESSOR OVERHEAT
WARNING LIGHT

NOTE: WIRING AND LIGHT NOT
FURNISHED BY WATEROUS

NOTE: ALL WIRE 16 GAGE UNLESS NOTED OTHERWISE.

CAFS COMPRESSOR ENGAGE
POWER SOURCE +12 OR 24V

WIRING NOT IDENTIFIED BY
COLOR, SWITCHES AND LIGHTS
NOT FURNISHED BY WATEROUS

SWITCH

CHASSIS
GROUND

OPTIONAL
AIR MANIFOLD
SOLENOID VALVE
SEE PAGE 8

RED
BLACK

CHASSIS
GROUND

WATEROUS
AUTO-SYNC

RED
BLACK

TO AUTO-SYNC SOLENOIDS,
SEE PAGE 7

RED
BLACK

CHASSIS
GROUND

WATEROUS
DISPLAY

RED
BLACK

OPTIONAL
DIGITAL FLOWMETER,
SEE PAGE 10

METER

1 2 1 2
RED
BLACK

CHASSIS
GROUND

OPTIONAL
SUMP VENT,
SEE PAGE 10

CAFS
DISCHARGE

OPTIONAL FROM
WATEROUS

SEE THE FOLLOWING:
AIR DISCHARGE CHECK VALVE KITS: DPL83477
ICS VALVES: DPL83478

ELECTRICAL SCHEMATIC