

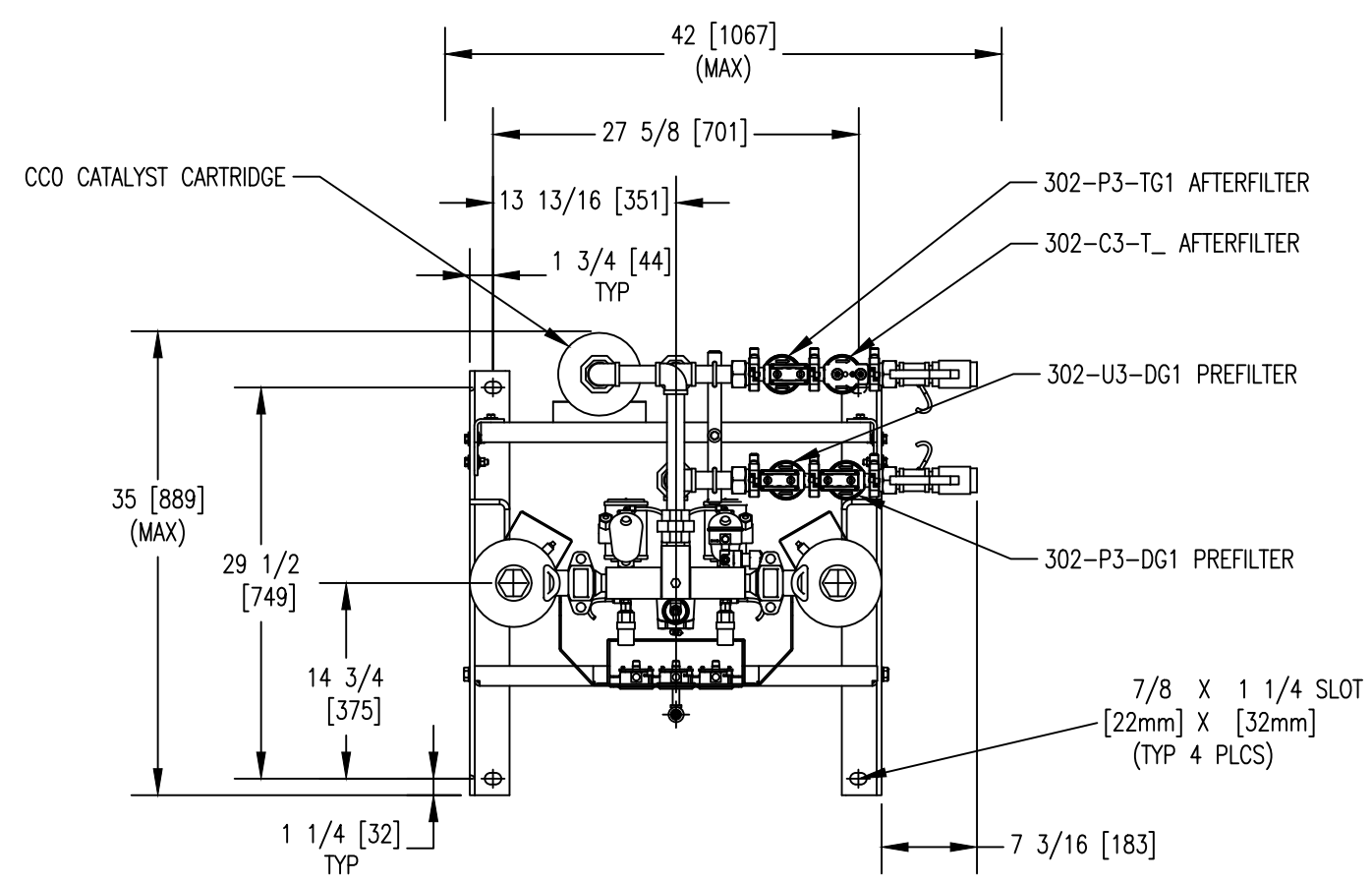
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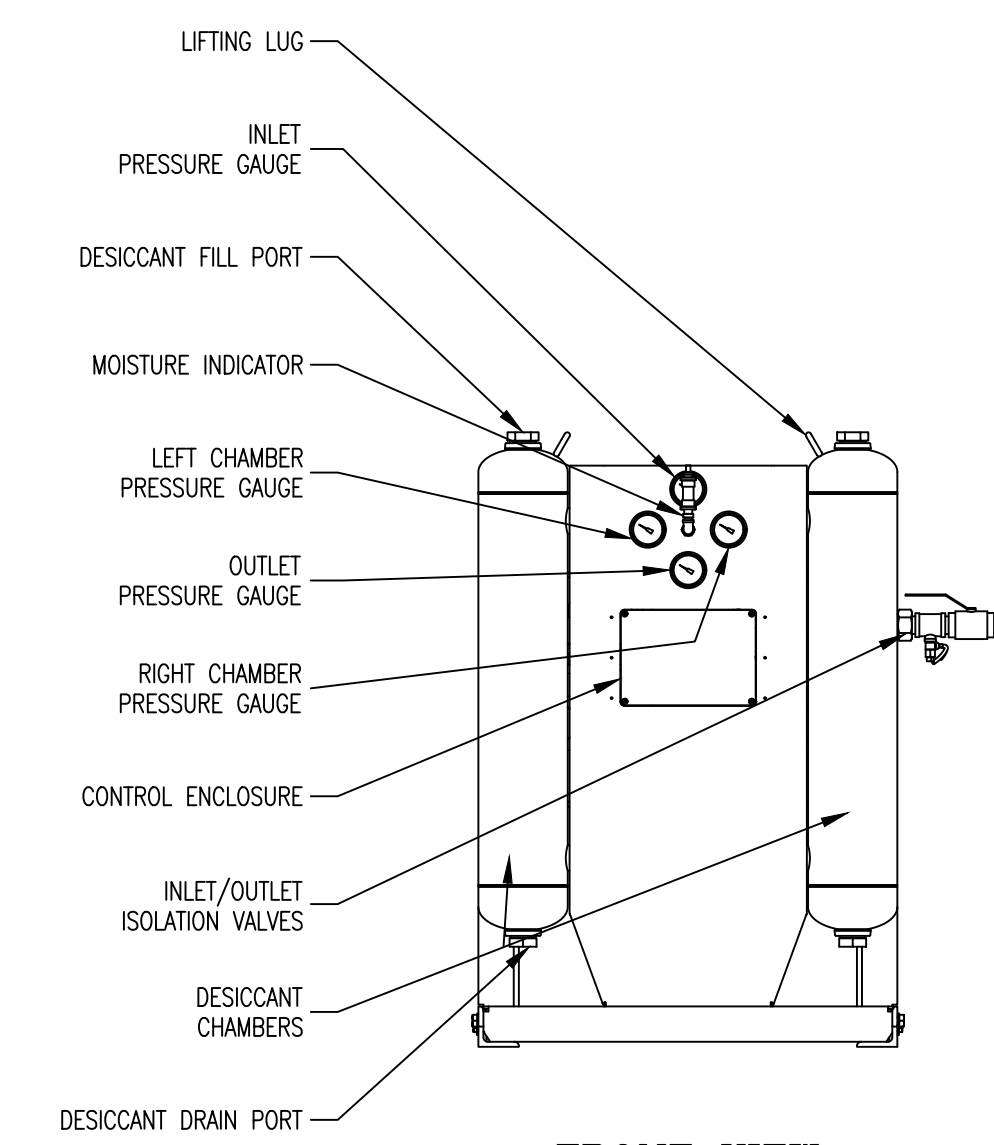
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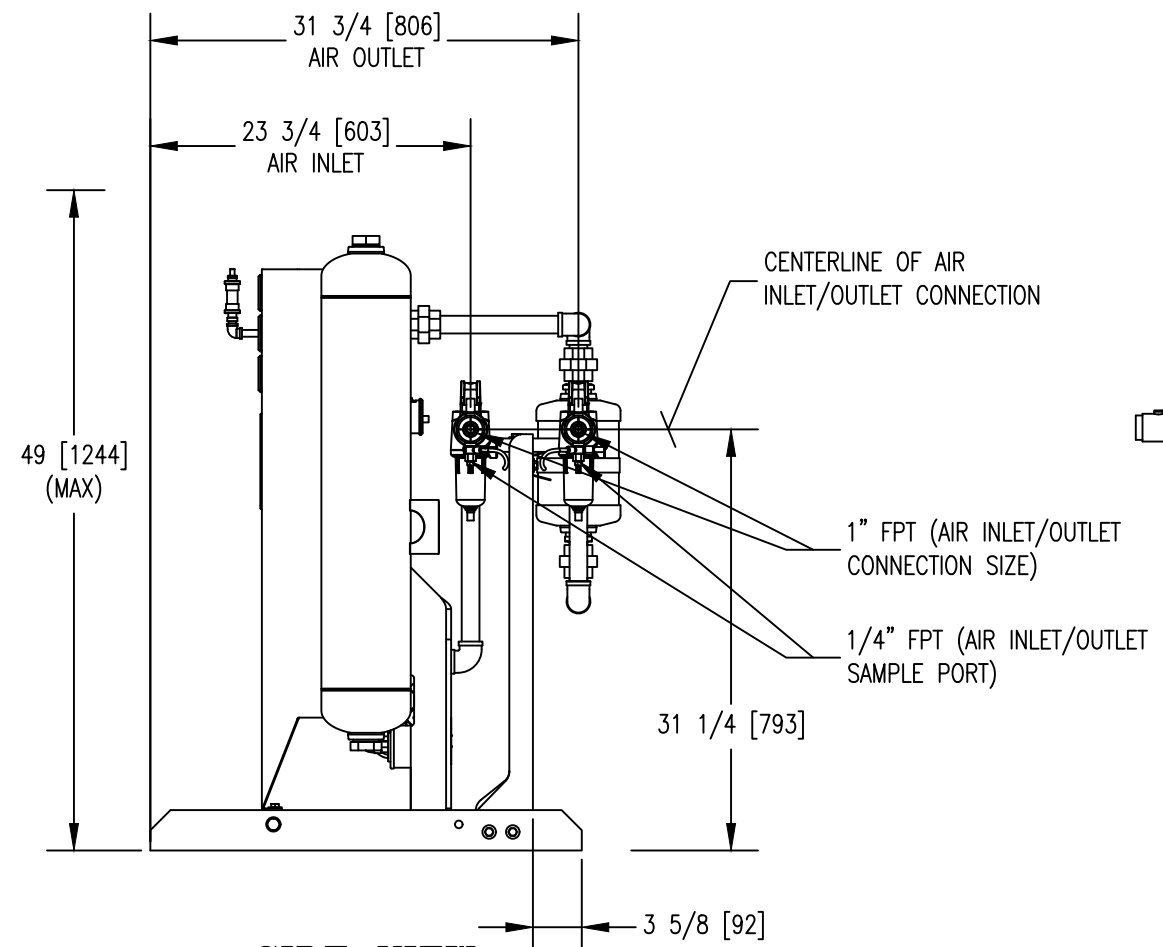
- REVISIONS -							
ZONE	REV	DESCRIPTION	CHG BY	CHK BY	APP BY	REL BY	DATE
-	A	UPDATE PILOT AIR FILTER TO NGF STYLE	NDM	SDM	DEH	SDM	07/02/14



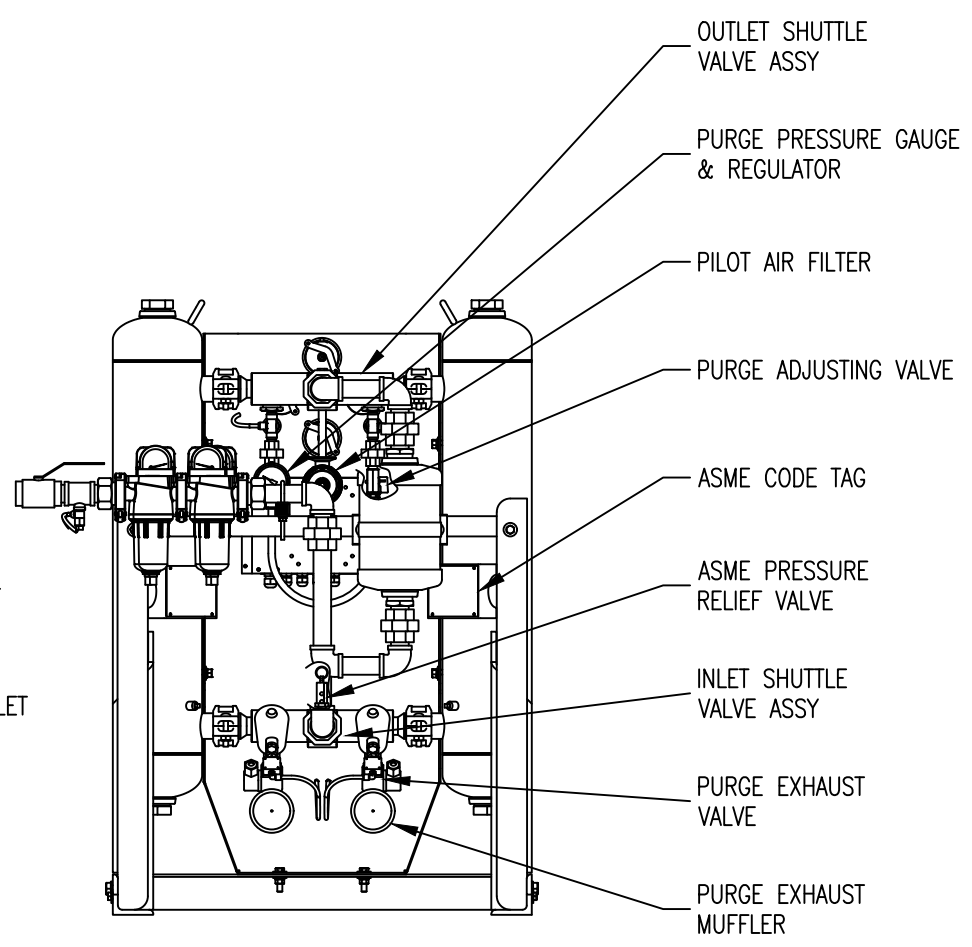
TOP VIEW



FRONT VIEW



SIDE VIEW



REAR VIEW

NOTES:

- THIS DRAWING, TOGETHER WITH P&ID AND SPECIFICATION SHEET, PROVIDES OPERATING CONDITIONS, SPECIFICATIONS, INSTALLATION, MOUNTING AND CONNECTION REQUIREMENTS.
- DESICCANT DRYER CHAMBERS ARE DESIGNED AND BUILT IN ACCORDANCE WITH THE CURRENT CODE AND ADDENDA OF SECTION VIII, DIV. I, OF THE A.S.M.E. CODE FOR UNFIRED PRESSURE VESSELS.
- ELECTRICAL CONSTRUCTION IS IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- ANCHOR BOLTS ARE TO PROJECT A MINIMUM OF 2" ABOVE THE FOUNDATION. ANCHOR BOLTS SHOULD BE INSTALLED IN SLEEVES TO ALLOW SOME ADJUSTMENT AT TIME OF INSTALLATION.
- EXTERNAL PIPING MUST BE RIGIDLY MOUNTED AND NOT SUPPORTED BY THIS UNIT.
- FOR MAINTENANCE PURPOSES, RECOMMENDED CLEARANCE AROUND UNIT IS 4 FEET [1220 MM].
- BREATHING AIR PURIFIERS CANNOT BE SUPPLIED WITH, OR REACTIVATED BY, ANY GAS OTHER THAN AIR. DO NOT PIPE PURGE EXHAUST TO A REMOTE LOCATION WITHOUT CONSULTING THE FACTORY.
- CUSTOMER SHOULD REQUEST A COPY OF QMS-013 IF PLANNING ON STORING UNIT LONG TERM BEFORE PLACING INTO SERVICE.

9. OPERATING CONDITIONS:

INLET AIR PRESSURE:			
MAXIMUM:	150 PSIG	10.5	KGF/CM2
MINIMUM:	60 PSIG	4.2	KGF/CM2
DESIGN:	100 PSIG	7.0	KGF/CM2
INLET AIR TEMPERATURE:			
MAXIMUM:	140 °F	60	°C
MINIMUM:	35 °F	1.7	°C
DESIGN:	100 °F	37.8	°C
AMBIENT AIR TEMPERATURE:			
MAXIMUM:	120 °F	48.9	°C
MINIMUM:	35 °F	1.7	°C
DESIGN:	100 °F	37.8	°C
AIR FLOW:			
INLET:	18 SCFM @ 100 PSIG & 100 °F		
	31 M3/HR @ 7.0 KGF/CM2 & 37.8 °C		
OUTLET:	15 SCFM @ 100 PSIG & 100 °F		
	25 M3/HR @ 7.0 KGF/CM2 & 37.8 °C		

10. SUPPLY POWER:

85-264 VAC, 1 PH, 47-63 HZ OR 11.5-28 VDC

11. AVAILABLE OPTIONS:

- L2 - ADVANCED CONTROLLER WITH: VACUUM FLUORESCENT TEXT DISPLAY, PURGE SAVER(R) AUTOMATIC ENERGY SAVINGS, HIGH INLET AIR TEMPERATURE ALARM, LOW INLET AIR PRESSURE ALARM
- N7 - NEMA7 ELECTRICAL RATING
- CB - COPPER INSTRUMENT TUBING
- SS - STAINLESS STEEL INSTRUMENT TUBING, FITTINGS, AND GAUGES
- AZ1 - CO MONITOR
- AZ2 - CO & OXYGEN MONITOR
- AZ3 - CO & DEW POINT MONITOR
- AZ4 - CO, OXYGEN, & DEW POINT MONITOR
- 10 - SSPC-SP10 SANDBLAST & EPOXY PAINT

12. WEIGHTS: SHIPPING WEIGHT

SHIPPING WEIGHT	440 LBS. (APPROX.)
OPERATING WEIGHT	200 KGS
	440 LBS. (APPROX.)
	200 KGS

UNLESS OTHERWISE SPECIFIED:			NAME	DATE
DIMENSIONS ARE IN: INCHES/MM			DWN BY	MDB 04/30/14
SURFACE FINISH: N/A ✓			ENG BY	SDM 04/30/14
TOL.	MM	INCHES	CHK BY	SDM 04/30/14
.X	±12	-	APP BY	SDM 04/30/14
.XX	-	-	REL BY	SDM 04/30/14
.XXX	-	-	MAT NO.	----
FRACT: ±1/2	ANG: ±1/2°			
SCALE: 1:16	WT: N/A			

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* DO NOT SCALE. USE DIMENSIONS ONLY *

GENERAL ARRANGEMENT
DM 15, BREATHING AIR PURIFIER

SIZE	DWG. NO.	REV.	SHEET
C	0072208-15	A	1/1

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