



QTY: ONE (1) UNIT REQUIRED

OPERATING DATA

AIR VOLUME	1,089 ACFM
DUST	FORMED SILICAN
OPERATING PRESSURE	-5" WG
OPERATING TEM.	AMBIENT
DUST DENSITY	N/S
DUST SIZE	> 0.5 μ
DUST LOADING	INTERMITTENT
END USE	BAG DUMP STATION

DESIGN DATA

MODEL NUMBER	015-BDS-036-B-C
FILTER AREA	69 SQ. FT.
AIR-TO-CLOTH RATIO	15.8/1
DESIGN PRESSURE	±20" WG
DESIGN TEMP	275°F
COMPR. AIR REQ'D (CLEAN AND DRY)	8.0 SCFM @ 70 PSIG.
DEAD WEIGHT	900 LBS
MAXIMUM LOAD	1,600 LBS (HOPPER FULL-BAGS CAKED)
LOCATION	OUTDOORS

CONSTRUCTION DATA

CLEAN AIR PLENUM	12 GA. CARBON STEEL
TUBE SHEET	10 GA. C. S. (internally welded)
FILTER PLENUM	12 GA. CARBON STEEL
HOPPER	12 GA. CARBON STEEL
AIR HEADER	4" DIA. 11 GA. TUBING, CARBON STEEL
DIAPHRAGM VALVES	THREE (3) 3/4" DIA. GOYEN W/ 1/8" SOL.
FILTER BAGS	16 OZ. POLYESTER FELT W/PTFE
BAG CAGES	11GA. GALVANIZED STEEL
VENTURIS /CUPS	GALVANIZED
GASKET MATERIAL	FDA WHITE SILICONE FOR DOOR

SHOP NOTES

ALL EXTERIOR CARBON STEEL SURFACES TO BE SOLVENT WIPED (SSPC-SP1), POWER TOOL CLEANED (SSPC-SP3), COATED WITH S-W RUST INHIBITIVE ALKYD PRIMER TO A TWO (2) MIL DFT, AND FINISH COATED WITH S-W WHITE INDUSTRIAL ENAMEL TO A THREE (3) MILL DFT.

THREE (3) 1/8" SOLENOID VALVES TO BE INSTALLED IN A NEMA-4 ENCLOSURE ALONG WITH THE TIMER & CONNECTED TO THE DIAPHRAGM VALVES USING BRASS FITTINGS & NYLON TUBING.

GAUGE CONNECTION TO CAP & DAP W/ 1/8" Ø CPGS

REV.	DESCRIPTION	DATE

DATE	2/6/08	SCALE	3/4" = 1'	DRAWN BY	K L A
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REF.	DWG.	BDS-0014
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