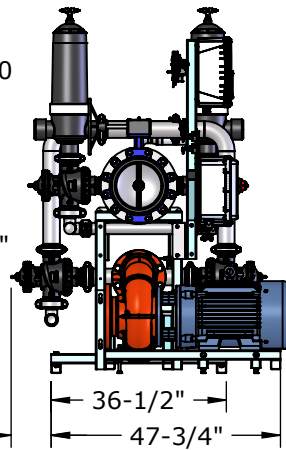
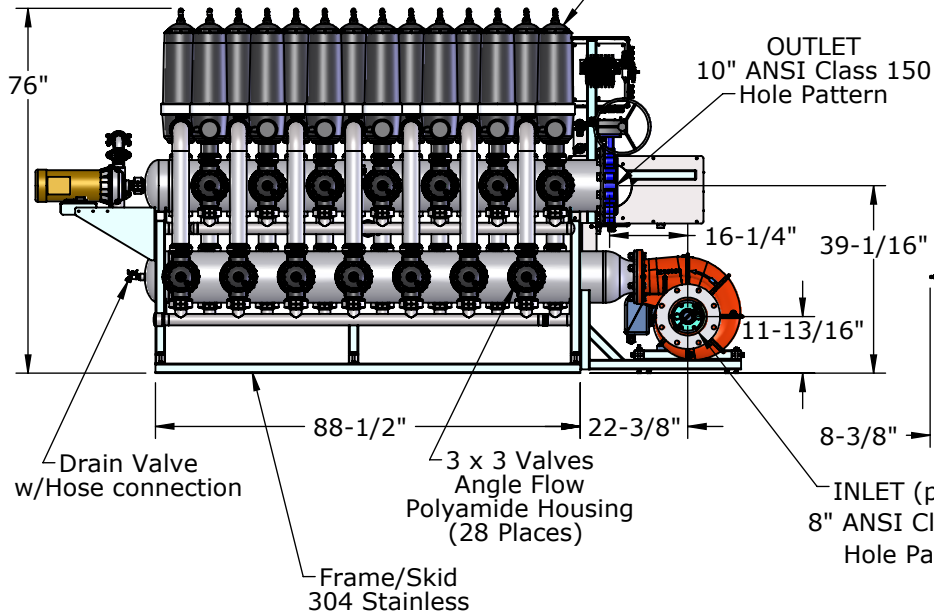


ATD-3NV-130M Filter
(130 Micron)
Polyamide Housing
(14 Places)



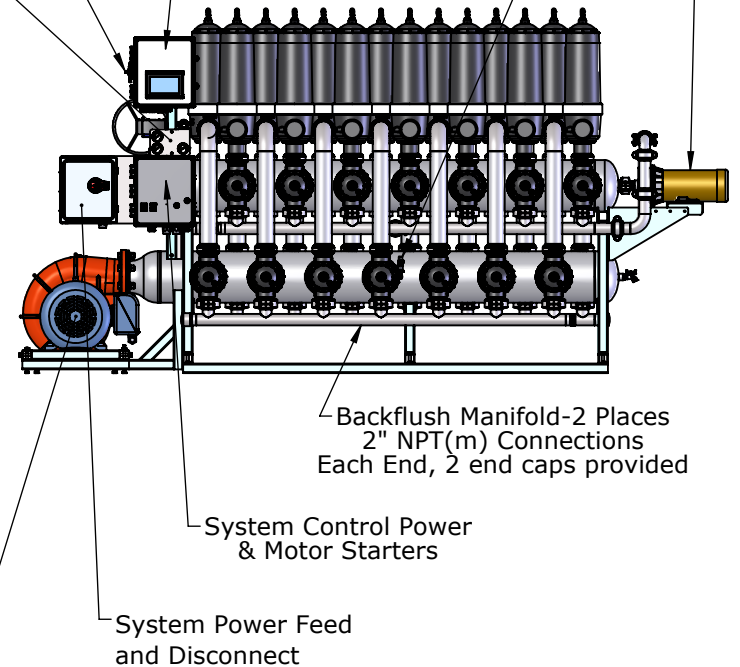
Air Supply Connection
1/4" (m) Quick Disconnect
& Regulator

System Gauge Panel
Inlet, Outlet, &
Booster Manifold

Allen Bradley Controller
w/Panel View Touch Screen

Pressure Transducers
Inlet/Outlet Manifold

Booster Pump
5 HP



PRODUCT SPECIFICATION

MILLER LEAMAN INC

800 Orange Ave. Daytona Beach FL 32114

DRAWN	J. Larsen	4/21/20
CHECKED		
ENG APPR.		
MKT APPR.		
SHEET 1 of 1	Ref: ML21065-14D-MOD1	Rev: B

SYSTEM REQUIREMENTS:

Electrical: 460VAC/3Ph/60 Hz/42 Amps
Air Supply: 4 CFM@80 to 100 PSI
Water Supply @ Inlet: 30 PSI
Dry Weight: 2600 Lbs.

TITLE:
Automatic Turbo Disc
Filter Skid System
B2-ATD3(14)x10-130M-P1400-MOD1

Pump Performance Datasheet

Customer :	Quote number :
Customer reference :	Size : 6 x 8 x 9.5 BHH (B6ZPBHH)
Item number : Default	Stages : 1
Service :	Based on curve number : 6x8x9.5BHH
Quantity : 1	Basic model number : B6ZBHH
	Date last saved : 21 Apr 2020 11:04 AM

Operating Conditions		Liquid	
Flow, rated	: 1,400.0 USgpm	Liquid type	: --Water
Differential head / pressure, rated (requested)	: 50.00 ft	Additional liquid description	:
Differential head / pressure, rated (actual)	: 49.27 ft	Solids diameter, max	: 0.00 in
Suction pressure, rated / max	: 0.00 / 0.00 psi.g	Solids concentration, by volume	: 0.00 %
NPSH available, rated	: Ample	Temperature, max	: 68.00 deg F
Frequency	: 60 Hz	Fluid density, rated / max	: 1.000 / 1.000 SG

Performance		Material	
Speed, rated	: 1750 rpm	Material selected	: Not specified
Impeller diameter, rated	: 8.31 in		
Impeller diameter, maximum	: 9.63 in		
Impeller diameter, minimum	: 8.12 in		
Efficiency	: 76.73 %		
PEI (CL)	: 0.96		
NPSH required / margin required	: 15.03 / 0.00 ft		
Ns (imp. eye flow) / Nss (imp. eye flow)	: 3,261 / 9,583 US Units		
MCSF	: 603.6 USgpm		
Head, maximum, rated diameter	: 61.57 ft		
Head rise to shutoff	: 21.24 %		
Flow, best eff. point	: 1,650.6 USgpm		
Flow ratio, rated / BEP	: 84.82 %		
Diameter ratio (rated / max)	: 86.32 %		
Head ratio (rated dia / max dia)	: 64.00 %		
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		

Pressure Data	
Maximum working pressure	: 26.66 psi.g
Maximum allowable working pressure	: - psi.g
Maximum allowable suction pressure	: N/A
Hydrostatic test pressure	: N/A

Driver & Power Data (@Max density)	
Driver sizing specification	: Rated power
Margin over specification	: 0.00 %
Service factor	: 1.00
Power, hydraulic	: 17.68 hp
Power, rated	: 23.04 hp
Power, maximum, rated diameter	: 24.87 hp
Minimum recommended motor rating	: 25.00 hp / 18.64 kW

