



#1 - 7163 Vantage Way, V4G 1N1 | 604.940.5556 | 604.940.5557 fx | www.biomaxx.ca

EQUIPMENT DATA SHEET DAF

Description	260 GPM DAF
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EQUIPMENT TYPE	OEM
DAF	World Water Works

NORMAL OPERATING PARAMETERS			
Operating Water Temperature	< 95	°F	
Fluid Type	Waste Water		
Design Solids Removal	< 2500	ppm	
FOG Removal	< 500	ppm	
pH Range	4.5 - 8.0	s.u.	
Liquid Volume		gal	
Total Pretreatment Volume		gal	

UNIT CONFIGURATION	
Clarifier Type	Dissolved Air Floatation
Reaction Tank - Coag	800 gallons
Reaction Tank - Flocc	1614 gallons
Sludge Settle Zone	
Lamella Plates & Mat'l	
Projected Plate Area	
Plate Angle	
Material of Constr	PPL
Rake Mechanism	Nord SK9032 Gear / Paddle

POWER REQUIREMENTS						
Control Panels	VAC	PH	HZ	Amps	Src	
Main Control Panel	220	3	60	110	Ext	
Instrumentation	110	1	60	10	Int	
Motors	VAC	PH	HZ	HP	Amps	
Reaction Mixer - Coag	220	3	60	1.2		
Reaction Mixer - Flocc	220	3	60	1.2		
Skimmer Motor	220	3	60	0.5		
Feed Pump	220	3	60	5		
Aeration Pump	220	3	60	20		

FLOW RANGE		
Min Disch Flow	n/a	gpm
Rise Rate	n/a	gpm / ft2
Max Disch Flow	270	gpm
Rise Rate		gpm / ft2
Design Flow	260	gpm
Rise Rate		gpm / ft2

PHYSICAL SPECIFICATIONS						
Dimensions	Length	Width	Height	Wt - Shipping	Wt - Flooded	
Coagulant Zone	48.5"	54"	120"	8,700 lbs	55,200 lbs	
Flocculant Zone	57.5"	54"	120"	11,500 lbs	60,000 lbs	
Neutralization Tank	9.5'	9'	8.5'	5,900 lbs	44,000 lbs	

AVAILABLE DOCUMENTATION			
Description	AVAIL	Description	AVAIL
Process & Instrumentation Diagram - P&ID	Y	Electrical Schematics	Y
Piping layout/General Arrangement	Y	Program Logic	Y
Major Component List - MC List	Y	Operations/Maintenance Manuals	Y



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PROCESS CONNECTIONS (SIZES & LOCATION SYMBOLS)		
	Size & Type	Location
Reaction Tank Inlet	12" 150# Flange	(2) Front - Upper Right & Left
Reaction Tank Outlet	12" 150# Flange	(1) Back - Upper Center
Clarifier Inlet	12" 150# Flange	(1) Front - Upper Center
Clarifier Outlet	12" 150# Flange	(1) Back - Upper Center
Clarifier Sludge Outlet	4" 150# Flange	(3) Back - Lower Right, Center, & Left
Neutralization Tank Inlet	12" 150# Flange	(1) Front - Center Right
Neutralization Tank Outlet	6" 150# Flange	(1) Back - Lower Right

