

Product Information Sheet**FLOW RATE**

ALPHA 5	:	5 m ³ /hr	22 usgpm
ALPHA 10	:	10 m ³ /hr	44 usgpm
ALPHA 15	:	15 m ³ /hr	66 usgpm
ALPHA 20	:	20 m ³ /hr	88 usgpm
ALPHA 30	:	30 m ³ /hr	132 usgpm
ALPHA 40	:	40 m ³ /hr	176 usgpm
ALPHA 50	:	50 m ³ /hr	220 usgpm
ALPHA 60	:	60 m ³ /hr	264 usgpm
ALPHA 70	:	70 m ³ /hr	308 usgpm
ALPHA 80	:	80 m ³ /hr	352 usgpm
ALPHA 100	:	100 m ³ /hr	440 usgpm
ALPHA 120	:	120 m ³ /hr	528 usgpm
ALPHA 140	:	140 m ³ /hr	616 usgpm
ALPHA 160	:	160 m ³ /hr	704 usgpm
ALPHA 180	:	180 m ³ /hr	793 usgpm

DIMENSIONS (L x W x H)

ALPHA 5	:	2475mm x 1320mm x 1560mm	97.4 in. x 52 in. x 61.4 in.
ALPHA 10	:	3475mm x 1320mm x 1560mm	136.8 in. x 52 in. x 61.4 in.
ALPHA 15	:	3475mm x 1820mm x 1600mm	136.8 in. x 71.6 in. x 63 in.
ALPHA 20	:	4380mm x 1820mm x 1600mm	172.4 in. x 71.6 in. x 63 in.
ALPHA 30	:	5380mm x 2070mm x 1700mm	211.8 in. x 81.5 in. x 66.9 in.
ALPHA 40	:	6220mm x 2320mm x 2050mm	244.8 in. x 91.3 in. x 80.7 in.
ALPHA 50	:	7330mm x 2320mm x 2200mm	288.6 in. x 91.3 in. x 86.6 in.
ALPHA 60	:	8830mm x 2320mm x 2400mm	347.6 in. x 91.3 in. x 94.5 in.

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ALPHA 70	: 9830mm x 2320mm x 2400mm	387 in. x 91.3 in. x 94.5 in.
ALPHA 80	: 11220mm x 2320mm x 2400mm	442 in. x 91.3 in. x 94.5 in.
ALPHA 100	: 11220mm x 2820mm x 2400mm	442 in. x 111 in. x 94.5 in.
ALPHA 120	: 13220mm x 2820mm x 2400mm	520 in. x 111 in. x 94.5 in.
ALPHA 140	: 12760mm x 3400mm x 2400mm	503 in. x 134 in. x 94.5 in.
ALPHA 160	: 14250mm x 3400mm x 2400mm	561 in. x 134 in. x 94.5 in.
ALPHA 180	: 14250mm x 3820mm x 2400mm	561 in. x 151 in. x 94.5 in.

CONSTRUCTION DETAILS

Skimmer Drive Model	: NORD or equivalent
Auger Drive Model	: NORD or equivalent
Recycle pump	: Regenerative turbine or centrifugal pump
Bottom Valve	: Keystone or equal
Stairs and Sidewalk (Optional)	: L-Shape, 800 mm width

ELECTRICAL AND CONTROLS

Power Supply	: 230V, 480V or 575V, 3 phase, 60 Hz
Recirculation Pump	: 1 duty, standby optional
Pneumatic Panel	: 24 VDC
Local Control Panel	: Optional

MATERIALS OF CONSTRUCTION

DAF Tank	: 304 SS, optional 316 SS
Static Sludge Thickener	: 304 SS, optional 316 SS
Skimmer System	: SS with fiberglass blades
Chain	: Plastic
Chain Wheel	: Plastic
Recirculation Pump	: Stainless steel with SS shaft and impeller
DAF Cover (Optional)	: Plastic or SS
Lifting Lugs	: 304 SS
Dissolved Air Make Up System	: 304 SS, optional 316 SS
Aeration Valves	: Stainless steel
Pneumatic Panel	: Fiberglass
Bottom Valve (Butterfly)	: Body cast iron GGG-50, disc 316 SS, seal EPDM
Stairs and Sidewalk (Optional)	: Galvanized Steel or fiberglass