

Product Information Sheet



FLOW RATE

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

DIMENSIONS (L x W x H)

ALFA 5	:	2475mm x 1320mm x 1560mm	97.4 in. x 52 in. x 61.4 in.
ALFA 10	:	3475mm x 1320mm x 1560mm	136.8 in. x 52 in. x 61.4 in.
ALFA 15	:	3975mm x 1520mm x 1600mm	156.8 in. x 59.8 in. x 63 in.
ALFA 20	:	4980mm x 1520mm x 1700mm	196.0 in. x 59.8 in. x 66.9 in.
ALFA 30	:	5380mm x 2070mm x 1700mm	211.8 in. x 81.5 in. x 66.9 in.
ALFA 40	:	6220mm x 2320mm x 2050mm	244.8 in. x 91.3 in. x 80.7 in.
ALFA 50	:	7330mm x 2320mm x 2200mm	288.6 in. x 91.3 in. x 86.6 in.
ALFA 60	:	8830mm x 2320mm x 2400mm	347.6 in. x 91.3 in. x 94.5 in.

Product Information Sheet

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

CONSTRUCTION DETAILS

Skimmer Drive Model	:	Transtech or equivalent
Auger Drive Model	:	Transtech or equivalent
Recycle pump	:	Centrifugal pump
Bottom Valve	:	Audco 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	:	CI & SS shaft and impeller
DAF Cover (Optional)	:	Plastic or SS
Lifting Lugs	:	MS
Dissolved Air Make Up System	:	ABS
Aeration Valves	:	Stainless steel
Pneumatic Panel	:	MS Powder Coated (Optional)
Bottom Valve (Butterfly)	:	Body cast iron GGG-50, disc 304 SS, seal EPDM
Stairs and Sidewalk (Optional)	:	Galvanized Steel or fiberglass



Sri Vallabai ZLD Private Limited

Mfrs. & Suppliers of : Waste Water Treatment Plants

Door No. 38 / 1 , 7th Street, Narayana Layout,
Kandhampalayam, Perundurai, Erode - 638 052.

Cell : 96882 44777 / 94870 73930

Mail ID : srivallabaizld@gmail.com