DELTA AGRIFLOW

TECHNICAL DOCUMENT PACK

Automatic Disc Filters

Precision irrigation filtration with automatic backwash.



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2026 International Edition

DAF-TDP-2026

Source-controlled against the supplied 2026 manufacturer catalogue

TECHNICAL DATASHEET

Technical Datasheet

Verified family-level technical overview

Parameter	Published value	Status
Series	SEA	Verified catalogue value
Flow range	10-420 m3/h	Verified catalogue value
Connection range	DN80-DN250	Verified catalogue value
Drain range	DN50-DN100	Verified catalogue value
Filtration options	20 / 50 / 100 / 130 / 200 micron	Verified catalogue value
Backwash	Automatic	Verified catalogue value

SOURCE CONTROL

2026 manufacturer catalogue, SEA Series table, PDF page 7.

Numerical product data in this pack is reproduced from the supplied 2026 manufacturer catalogue. Where the catalogue does not state a value, the document uses 'Confirmed in technical proposal' rather than an estimate.

DOCUMENT USE

Prepared for commercial agriculture, irrigation contractors, EPC companies, distributors and water-treatment integrators.

PRODUCT CATALOGUE AND MODEL SELECTION

Product Catalogue and Model Selection

Only catalogue-backed model codes and values are listed

Model	Configuration	Flow m3/h	Inlet / outlet	Drain
SEA202B	2 in x 2	10-20	DN80	DN50
SEA203B	2 in x 3	30-60	DN100	DN50
SEA302B	3 in x 2	40-70	DN100	DN80
SEA303B	3 in x 3	60-90	DN150	DN80
SEA304B	3 in x 4	80-140	DN150	DN80
SEA305B	3 in x 5	100-180	DN200	DN80
SEA403B	4 in x 3	90-180	DN200	DN100
SEA404B	4 in x 4	120-240	DN200	DN100
SEA405B	4 in x 5	150-300	DN200	DN100
SEA406B	4 in x 6	180-360	DN250	DN100
SEA407B	4 in x 7	210-420	DN250	DN100
SEA408B	4 in x 8	240-400	DN250	DN100

FILTRATION OPTIONS

20 / 50 / 100 / 130 / 200 micron

PRODUCT CATALOGUE AND MODEL SELECTION

Model Range and Configuration

Only catalogue-backed model codes and values are listed

Configuration option	Availability
2 inch modules	Verified catalogue value
3 inch modules	Verified catalogue value
4 inch modules	Verified catalogue value
2-8 module banks	Verified catalogue value
Automatic valves	Verified catalogue value
Controller-equipped bank	Verified catalogue value

IMPORTANT

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APPLICATIONS AND OPERATING PRINCIPLE

Applications and Operating Principle

Precision irrigation filtration with automatic backwash.

BEST APPLICATIONS

01
Drip irrigation

02
Greenhouses

03
Commercial farms

04
Reservoir water

05
Precision filtration

06
Final filtration stage

OPERATING PRINCIPLE

01
Water in

02
Disc-stack filtration

03
Solids retention

04
Backwash initiation

05
Disc cleaning

06
Clean water out

INSTALLATION AND INTERFACE GUIDE

Installation and Interface Guide

Preliminary, non-dimensional guidance for project planning

IMPORTANT

This document is not a certified installation drawing. Final dimensions, nozzle orientation, support loads, electrical interfaces and project P&ID are issued after model and project confirmation.

PRELIMINARY SYSTEM INTERFACES

Interface	Planning basis
Inlet / outlet	Use the selected model connection shown in the catalogue table
Drain / backwash	Use the selected model drain value where published; otherwise confirm in proposal
Power and controls	Confirmed after selected motor, valve and controller configuration
Foundation / support	Final certified loads and dimensions supplied with approved drawing
Isolation and instruments	Coordinate isolation valves and pressure instruments in project P&ID;
Commissioning	Confirm water source, pressure, flow, drain capacity and control sequence before start-up

TYPICAL PROCESS POSITION

Water in -> Disc-stack filtration -> Solids retention -> Backwash initiation -> Disc cleaning -> Clean water out

PROCUREMENT TECHNICAL SPECIFICATION

Procurement Technical Specification

Tender-ready requirements with transparent confirmation status

Requirement	Published basis	Status
Series	SEA	Verified catalogue value
Flow range	10-420 m3/h	Verified catalogue value
Connection range	DN80-DN250	Verified catalogue value
Drain range	DN50-DN100	Verified catalogue value
Filtration options	20 / 50 / 100 / 130 / 200 micron	Verified catalogue value
Backwash	Automatic	Verified catalogue value
Materials / coating	Confirmed in technical proposal	Confirmed in technical proposal
Electrical supply	Confirmed in technical proposal	Confirmed in technical proposal
Controller and communication	Confirmed in technical proposal	Confirmed in technical proposal
Certified general arrangement drawing	Confirmed in technical proposal	Confirmed in technical proposal
Inspection and test documentation	Confirmed in technical proposal	Confirmed in technical proposal
Packing and shipping configuration	Confirmed in technical proposal	Confirmed in technical proposal

PROCUREMENT NOTE

Use this page as a procurement framework. Final compliance is confirmed only against the selected model, water analysis and issued technical proposal.

PROJECT SELECTION CHECKLIST

Project Selection Checklist

Inputs required for final technical selection

Water source

Peak flow

Normal flow

Target filtration

Working pressure

Available backwash pressure

Water analysis / contaminant load

Application and crop

Irrigation method

Country and installation environment

Power supply

Drain capacity

Required delivery date

Project timeline

Request Technical Selection

delta-agriflow.com/get-a-quote/

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