DELTA AGRIFLOW

TECHNICAL DOCUMENT PACK

Modular Irrigation Filtration Stations

Factory-assembled, factory-tested filtration packages configured around project duty.



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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
System type	Project-configured modular filtration station	Verified catalogue value
Flow range	Confirmed in technical proposal	Confirmed in technical proposal
Filtration degree	Confirmed in technical proposal	Confirmed in technical proposal
Working pressure	Confirmed in technical proposal	Confirmed in technical proposal
Interfaces	Defined inlet, outlet, power and drain interfaces	Verified catalogue value
Supply format	Factory assembled and factory tested	Verified catalogue value

SOURCE CONTROL

System concept uses catalogue equipment and verified project imagery; final station values are project-specific.

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

PROJECT-CONFIGURED SYSTEM

No modular-station model table is published in the supplied catalogue. The station is assembled from verified filtration equipment and configured against project inputs.

Selection input	Status
Water source	Confirmed in technical proposal
Peak flow	Confirmed in technical proposal
Target filtration	Confirmed in technical proposal
Working pressure	Confirmed in technical proposal
Application	Confirmed in technical proposal
Site interfaces	Confirmed in technical proposal
Power supply	Confirmed in technical proposal
Drain conditions	Confirmed in technical proposal

PRODUCT CATALOGUE AND MODEL SELECTION

Model Range and Configuration

Only catalogue-backed model codes and values are listed

Configuration option	Availability
Single or multi-stage filtration	Confirmed in technical proposal
Screen, media, disc or centrifugal stages	Confirmed in technical proposal
Common inlet and outlet manifolds	Confirmed in technical proposal
Automatic valves and controller / PLC	Confirmed in technical proposal
Pressure instrumentation	Confirmed in technical proposal
Drain and optional dosing interface	Confirmed in technical proposal

IMPORTANT

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.

APPLICATIONS AND OPERATING PRINCIPLE

Applications and Operating Principle

Factory-assembled, factory-tested filtration packages configured around project duty.

BEST APPLICATIONS

01
Commercial farms

02
Greenhouses

03
Orchards and vineyards

04
Drip irrigation

05
Surface-water treatment

06
EPC irrigation projects

OPERATING PRINCIPLE

01
Water source

02
Pretreatment

03
Main filtration

04
Precision filtration

05
Automatic backwash

06
Irrigation network

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 source -> Pretreatment -> Main filtration -> Precision filtration -> Automatic backwash -> Irrigation network

PROCUREMENT TECHNICAL SPECIFICATION

Procurement Technical Specification

Tender-ready requirements with transparent confirmation status

Requirement	Published basis	Status
System type	Project-configured modular filtration station	Verified catalogue value
Flow range	Confirmed in technical proposal	Confirmed in technical proposal
Filtration degree	Confirmed in technical proposal	Confirmed in technical proposal
Working pressure	Confirmed in technical proposal	Confirmed in technical proposal
Interfaces	Defined inlet, outlet, power and drain interfaces	Verified catalogue value
Supply format	Factory assembled and factory tested	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

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