



PRODUCT CATALOG



AQUATROL™
CONTROL VALVES & SYSTEMS



TERMS AND CONDITIONS



The products described in this document are hereby offered for sale to be established by Aquatrol, Hydrofit Quick Connect Fittings, Polaris Scientific Ultraviolet, Hydron Membranes, Shok Blok, HydroGuard, Hydronix Water Technology, any of its subsidiaries and its authorized distributors. This offer and its acceptance by any customer (the "Buyer") shall be governed by all of the following Terms and Conditions. Buyer's order for any item described in this document, when communicated to Aquatrol, Hydrofit Quick Connect Fittings, Polaris Scientific Ultraviolet, Hydron Membranes, Shok Blok, HydroGuard, Hydronix Water Technology, its subsidiaries or an authorized distributor (the "Seller") verbally or in writing, shall constitute acceptance of this offer. Provided, however, that these terms and conditions shall not operate as a rejection of the Buyer's offer unless such offer contains variances in the description, quantity, price, or delivery schedule of the items.

1. Terms and Conditions of Sale.

All descriptions, quotations, proposals, offers, acknowledgments, acceptances and sales of the Seller's products are subject to and shall be governed exclusively by the terms and conditions stated herein (the "Agreement"). The Buyer's acceptance of any offer to sell is limited to the terms and conditions in the Agreement. Any terms or conditions in addition to or inconsistent with those stated in the Agreement, proposed by the Buyer in any acceptance of an offer by the Seller, are hereby rejected. No such additional, different or inconsistent terms and conditions shall become part of the agreement between the Buyer and the Seller unless expressly accepted in writing by the Seller. The Seller's acceptance of any offer to purchase by the Buyer is expressly conditioned upon the Buyer's assent to all the terms and conditions in this Agreement, irrespective of any terms in addition to, or inconsistent with those contained in the Buyer's offer. Acceptance of the Seller's products shall in all events constitute such assent.

2. Documents.

Unless provided otherwise in the Agreement, all catalog descriptions, illustrations, drawings and literature or independently submitted estimates of performance, weights and measurements or other specifications provided by the Seller are mere approximations and the Seller reserves the right to alter or amend them at any time. The Seller reserves the right to correct clerical or technical errors in the contract documents. The Buyer shall furnish with his order all necessary specifications and information. The Seller takes no responsibility for goods manufactured, priced or delivered not in accordance with the order or the specifications unless the Buyer's order and specifications are clear and correct.

3. Prices.

Unless otherwise provided, all prices contained in our quotations and written acceptances are ex-works and do not include the cost of packing. All orders are accepted on the condition that all such prices are subject to revision by the Seller at any time before the goods are dispatched to take account of any price change. In the event that the Buyer does not place the entire order quoted by the Seller for the Buyer, the Seller reserves the right to revise its prices. The Seller also reserves the right to revise its prices if the Buyer modifies the specification or quantity of the goods or the delivery requirements after the order has been accepted by the Seller.

4. Advice.

All advice given in connection with the Seller's goods is provided without charge to the Buyer. ANY ADVICE AND ASSISTANCE GIVEN BY THE SELLER TO THE BUYER IS GIVEN AT THE BUYER'S RISK, AND THE SELLER SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE OR CLAIM ARISING THEREFROM.

5. Payment.

(a) Unless otherwise provided in the Agreement, or explicitly agreed upon in writing by the Seller, payment is due in full 30 days from date of shipment of the items purchased hereunder. (b) In the case of an installment contract, deliveries or parts, payment for each installment delivery or part shall be made under sub-clause (a) as if the same constituted a separate agreement. (c) Amounts not timely paid shall bear interest at the rate of 2-1/2% above the Seller's bank's prime rate from time to time in force. (d) In the event that the Buyer fails within one calendar month of the date for payment to effect any payment which may be due under the Agreement or any agreement with the Seller, or if the Buyer commits any breach of the Agreement, or if the Buyer becomes insolvent or commits any act of bankruptcy or contemplation of liquidation, the Seller will be entitled, without prejudice to the Seller's other rights, to terminate the Agreement or any unfulfilled part thereof, or at the Seller's option to make partial deliveries.

6. Modifications and Cancellations.

This Agreement is not subject to oral modification or cancellation. A Buyer's request for modification or cancellation will not be incorporated into the Agreement unless the request is accepted by the Seller in a writing that amends the Agreement. Acceptance of any such requested modification or cancellation shall be at the Seller's discretion and shall be upon such terms and conditions as the Seller may require.

7. Handling Charge.

Goods supplied in accordance with the Buyer's order may later be returned to the Seller at the Seller's discretion provided the return is pre-authorized in writing, and the merchandise is unused, in original packages, unaltered, clean and no older than 60 days from the date of shipment by the Seller. The Buyer will be required to pay to the Seller a handling charge of 25% of the purchase price of the returned goods. A copy of the original invoice for the merchandise must accompany all returns.

8. Delivery.

(a) Unless delivery dates quoted are approximate only and the Seller shall have no liability for any delays in delivery. (b) Unless provided otherwise, delivery of the goods shall be made when the Seller has notified the Buyer that the goods are ready for dispatch. Regardless of the method of delivery, delivery shall be made F.O.B. Seller's plant, where the risk of loss shall thereupon pass to the Buyer upon the Seller's delivery to a carrier. Notwithstanding that the Seller's prices are ex-works, the Seller is prepared by special contract to procure carriage or freight and insurance on behalf of the Buyer and at Buyer's cost in which event the Seller shall be under no liability for damage in transit or loss or damage to the goods beyond the point at which the Seller contracts to deliver the same. (c) The Seller will not make drop shipments.

9. Inspection and Rejection.

(a) The following provisions shall apply in relation to all deliveries of goods: the Seller shall not be held liable for any claims of damage in transit, shortage of delivery or loss of goods, unless in the case of shortage of delivery, a separate notice in writing is given to the carrier concerned and to the Seller within three (3) days of the receipt of the goods, followed by a complete claim in writing within five (5) days of receipt of the goods and in the case of loss of goods, a separate notice in writing is given to the carrier concerned and to the Seller and a complete claim in writing made within thirty (30) days of the date of consignment. The Buyer must inspect the goods on arrival from the carrier; however, where goods are accepted from the carrier concerned without being inspected, the delivery book of the carrier concerned must be signed "not examined". The Seller shall have the right to inspect the goods at the Buyer's premises in respect to any such claims made by the Buyer and the Buyer shall retain such goods until the Seller has inspected such goods or until the Seller has notified the Buyer that the Seller does not wish to inspect such goods. Any breach of these conditions in this provision shall serve as a waiver to any claim brought by the buyer. (b) Without prejudice to the Seller's other rights, should the Buyer fail for any reason to send the Seller forwarding instructions within ninety (90) days after the date of the Seller's notification that the goods are ready for dispatch or to accept delivery of the goods, the Seller shall be entitled at the Buyer's risk and expense to store the goods and/or to procure or effect storage of the goods elsewhere. Goods so stored shall be paid for as if they had been dispatched and/or accepted.

10. Special Tooling.

Where it is necessary for the Seller to manufacture or to purchase special tooling, including without limitation tools, dies, jigs, mandrills, fixtures, molds, and patterns, in order to execute a contract, the Buyer will be charged with all or a proportion of the cost of such special tools. Such special tooling shall be and remain the Seller's property notwithstanding payment of any charges made by the Buyer. In no event will the Buyer acquire any interest in apparatus belonging to the Seller which is utilized in the manufacture of the items sold hereunder, even if such apparatus has been specially converted or adopted for such manufacture and notwithstanding any charges paid by the Buyer therefor. Unless otherwise agreed, the Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

11. Test and Performance.

(a) The Seller's goods are, where practicable, submitted to the Seller's standard test before delivery. If special tests are required, these shall be made at the Seller's premises unless otherwise agreed, and will be subject to an extra charge. (b) The Seller accepts no liability for failure to attain any performance figures quoted by the Seller unless the Seller specifically has guaranteed them with an agreed sum as liquidation damages and the Buyer has suffered actual loss by reason of the failure to attain the figures quoted. (c) Any particulars of weights and measurements, power and consumption, power output or performance relating to the goods and like matters furnished by the Seller to the Buyer in the Seller's catalogs, literature or otherwise, are approximate and are intended only to present a general idea of the goods to be supplied and unless previously agreed specifically in writing shall not form part of the Agreement.

12. Buyer's Property.

Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished to the Seller by the Buyer, or any other items which become the Buyer's property, may be considered obsolete and may be destroyed by the Seller after two (2) consecutive years have elapsed without the Buyer placing an order for the items which are manufactured using such property. The Seller shall not be responsible for any loss or damage to such property while it is in the Seller's possession or control.

13. Taxes.

Unless otherwise indicated, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such taxes must be paid by the Seller, or if the Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts for the item sold. The Buyer agrees to pay all such taxes or to reimburse the Seller therefor upon receipt of its invoice. If the Buyer claims exemption from any sales, use or other tax

imposed by any taxing authority, the Buyer shall promptly indemnify and hold the Seller harmless from and against any such tax, as well as any interest or penalties thereon which may be assessed if the items are held to be taxable.

14. Warranty.

EXCEPT AS EXPRESSLY WARRANTED IN WRITING BY THE SELLER, THE GOODS SOLD BY THE SELLER ARE PURCHASED BY THE BUYER "AS IS." THE SELLER DOES NOT WARRANT THAT THE GOODS ARE OF MERCHANTABILITY QUALITY OR THAT THEY CAN BE USED FOR ANY PARTICULAR PURPOSE. EXCEPT AS EXPRESSLY WARRANTED IN WRITING BY THE SELLER, THE SELLER MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND WITH RESPECT TO THE PRODUCTS.

(a) The Seller warrants that the items sold hereunder shall be free from defects in material or workmanship at the time of shipment by the Seller. The Seller warrants that if within 12 months of delivery of the goods to the Buyer the Buyer returns immediately to the Seller's premises any of the said goods which the Buyer believes to be defective, carrier paid, properly packed and clearly marked with the Buyer's full name and address and any other information such as serial numbers which may be necessary to enable the goods to be identified, together with a complete description of the alleged defect, they will be repaired or new goods will be supplied in exchange and the goods so repaired or such new goods will be delivered to the Buyer free of charge at the Seller's premises; provided, however, that the foregoing warranty shall be applicable only if upon demand by the Seller, the Buyer proves to the Seller's satisfaction: (i) that the defect was due solely to defective workmanship; (ii) that no alterations or repairs have been made to the goods except with the Seller's written consent; (iii) that the defect was not caused by any act of the Buyer or its agents; and (iv) that the defect was not caused by any matter beyond the reasonable control of the Seller, including, without limitation, accident or normal wear and tear. (b) THIS WARRANTY DOES NOT APPLY UNLESS THE SELLER'S PRODUCTS ARE: (I) USED IN DOMESTIC PLUMBING APPLICATIONS; (II) INSTALLED BY A LICENSED CONTRACTOR, PLUMBER OR QUALIFIED EQUIPMENT INSTALLATION PROFESSIONAL; AND (III) INSTALLED AND OPERATED IN ACCORDANCE WITH PUBLISHED HYDROFIT / HYDRONIX WATER TECHNOLOGY SPECIFICATIONS. (c) All costs and expenses, including freight charges, customs duties, and insurance incurred in returning the goods to the Seller's premises in accordance with this provision shall be paid by the Buyer. The benefit of this warranty shall not be assignable by the Buyer. (d) THIS WARRANTY DOES NOT EXTEND TO ANY GOODS NOT MANUFACTURED BY THE SELLER EVEN THOUGH SUPPLIED BY THE SELLER NOR DOES IT EXTEND TO ANY SECOND-HAND OR RECONDITIONED GOODS NOR DOES IT EXTEND TO COMPONENTS MANUFACTURED BY THE SELLER BUT INSTALLED, ATTACHED OR WELDED BY THE BUYER OR HIS CUSTOMER ON EQUIPMENT NOT MANUFACTURED BY THE SELLER. GOODS NOT MANUFACTURED BY THE SELLER CARRY ONLY THE WARRANTY (IF ANY) OF THEIR MAKERS AND THE BUYER IS ENTITLED TO THE BENEFIT THEREOF ONLY SO FAR AS THE SELLER HAS THE POWER TO TRANSFER IT. (e) THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER; THE SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY AND FITNESS FOR PURPOSE, WHETHER EXPRESSED OR IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING, ARE HEREBY DISCLAIMED. (f) NOTWITHSTANDING THE FOREGOING, THERE ARE NO WARRANTIES WHATSOEVER ON ITEMS BUILT OR ACQUIRED WHOLLY OR PARTIALLY TO THE BUYER'S DESIGNS OR SPECIFICATIONS.

15. Limited Remedy.

THE SELLER'S LIABILITY ARISING FROM OR IN ANY WAY CONNECTED WITH THE ITEMS SOLD OR THIS AGREEMENT SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF THE ITEMS SOLD. IN NO EVENT SHALL THE SELLER BE LIABLE TO THE BUYER OR ANY THIRD PARTY FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND OR NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOSS PROFITS ARISING FROM OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR ANY ITEMS SOLD, WHETHER ALLEGED TO ARISE FROM BREACH OF CONTRACT, EXPRESS OR IMPLIED WARRANTY, OR IN TORT, INCLUDING WITHOUT LIMITATION, NEGLIGENCE, FAILURE TO WARN OR STRICT LIABILITY. IN NO EVENT SHALL THE SELLER BE LIABLE TO THE BUYER OR ANY OTHER ENTITY FOR MORE THAN THE INVOICE PRICE RECEIVED BY THE SELLER FOR ANY NON-CONFORMING PRODUCTS. THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR ANY OTHER ENTITY FOR PERSONAL INJURY, PROPERTY DAMAGE, OR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, SPECIAL, OR OTHER DAMAGES OF ANY KIND, INCLUDING WITHOUT LIMITATION THE COST OF PROCUREMENT OF SUBSTITUTE GOODS, THE LOSS OF PROFITS, PRODUCTS, OR PRODUCTION, OR THE INTERRUPTION OF BUSINESS, HOWEVER CAUSED. THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR ANY OTHER ENTITY ON ANY THEORY OF LIABILITY INCLUDING WITHOUT LIMITATION BREACH OF CONTRACT OR EXPRESS OR IMPLIED WARRANTY, TORT, NEGLIGENCE, FAILURE TO WARN, OR STRICT LIABILITY, AND WHETHER OR NOT THE SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE ESSENTIAL PURPOSE OF THIS PROVISION IS TO LIMIT THE LIABILITY OF THE SELLER ARISING OUT OF THE SALE OF PRODUCTS TO THE BUYER WHETHER FOR BREACH OF CONTRACT, NEGLIGENCE, OR ANY OTHER THEORY OF LIABILITY. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY AND NOTWITHSTANDING THE PROVISIONS OF ANY OTHER AGREEMENT BETWEEN THE SELLER AND THE BUYER.

16. Indemnity for Infringement of Intellectual Property Rights.

(a) The Buyer shall defend and indemnify the Seller against all actions, claims, demands, penalties and costs by third parties in tort, or for infringement, or alleged infringement, of patents, trademarks, copyrights, trade dress, trade secret or other rights of any third party resulting from the goods manufactured in accordance with the Buyer's specifications or based on any information provided by the Buyer. The Buyer will defend any action against the Seller for title, patent, trademark, copyright infringement, or other claimed by a third party at the Buyer's sole cost and expense. (b) The Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this provision. The Seller will defend and indemnify the Buyer against allegations of infringement of patents, trademarks, copyrights, trade dress and trade secrets ("Intellectual Property Rights"). The Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against the Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights of a third party. The Seller's obligation to defend and indemnify the Buyer is contingent on the Buyer notifying the Seller within 10 days after sole control over the defense of any allegations or actions, including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringes the Intellectual Property Rights of a third party, the Seller may, at its sole expense and option, procure for the Buyer the right to continue using said item, replace or modify said item so as to make it non-infringing, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, the Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to items delivered hereunder for which the designs are specified in combination or use in a system of any item sold hereunder. The foregoing in this provision shall constitute the Seller's sole and exclusive liability and the Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

17. Lien.

In addition to any right of lien to which the Seller may by law be entitled, the Seller shall have a general lien on all goods of the Buyer in the Seller's possession (although such goods or some of them may have been paid for) for the unpaid price of any other goods sold and delivered to the Buyer by the Seller under the same or other contracts.

18. Waiver.

The Seller's rights shall not be affected or restricted by any indulgence or forbearance granted to the Buyer. No waiver by the Seller of any breach shall operate as a waiver of any later breach.

19. Force Majeure.

The Seller shall be excused from performing any of its obligations under this Agreement which are prevented or delayed by any occurrence not within the reasonable control of the Seller, including but not limited to, accidents, acts of God, destruction or damage to the goods or the Seller's manufacturing plant, delays or failures in delivery of carriers or suppliers, shortages of materials, strikes or other labor matters, floods, earthquakes, fire, riots, explosions, or any regulations, rules, ordinances or orders of any governmental authority, federal, state or local, whether such cause exists at the date of the order or not.

20. Buyer's Representation of Solvency.

The Buyer hereby represents that as of the signing of this Agreement it was not insolvent within the meaning of the Uniform Commercial Code or any Bankruptcy Laws.

21. Assignment and Delegation.

The rights and obligations of the parties under this Agreement may not be assigned or delegated, except on the express written consent of the other party to the assignment or delegation.

22. Integration.

The rights and obligations of the parties and the terms and conditions set forth herein, together with any amendments, modifications and any different terms and conditions expressly accepted by the Seller in writing, shall constitute a complete and exclusive statement of the terms of this Agreement. This Agreement supersedes not only all prior agreements, but also oral agreements made contemporaneously with the execution of this Agreement. All such materials may not be used to supplement, explain, or contradict the terms of this Agreement.

23. Severability.

If any of these conditions or any part thereof purports to exclude or restrict or limit any liability and such exclusion or restriction or limitation is prohibited or rendered void or unenforceable by any legislation to which it is subject, or is itself prohibited or rendered void or unenforceable by any legislation to which it is subject, then the exclusion, restriction or limitation on the condition or part thereof in question shall be so prohibited or rendered void or unenforceable and the validity or enforceability of any other part of these provisions shall not thereby be affected.

24. Governing Law/Limitation on Actions.

The terms, conditions, rights, and obligations under this Agreement shall be construed under the laws of the State of California, without regard to principles of conflicts of laws. No actions arising out of the sale of the items sold hereunder or this Agreement may be brought by the Buyer more than two (2) years after such cause of action accrues.

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BRAND



RESIDENTIAL, COMMERCIAL AND INDUSTRIAL VALVES

AQT-56 SERIES (RESIDENTIAL / LIGHT COMMERCIAL)

Part Number	Description
AQT-56FT	AQUATROL AQT-56 FILTRATION/TIMER VALVE, 24V/60HZ
AQT-56SE-ST	AQUATROL AQT-56 ELECTRONIC SOFTENER/TIMER VALVE, 24V/60HZ
AQT-56SE-SM	AQUATROL AQT-56 ELECTRONIC SOFTENER/METER VALVE, 24V/60HZ
AQT-56SE-FT	AQUATROL AQT-56 ELECTRONIC FILTER/TIMER VALVE, 24V/60HZ
AQT-56ST	AQUATROL AQT-56 SOFTENING/TIMER VALVE, 24V/60HZ
AQT-56SM	AQUATROL AQT-56 SOFTENING/METER VALVE, 24V/60HZ

AQT-275 SERIES (RESIDENTIAL / LIGHT COMMERCIAL)

Part Number	Description
AQT-275FT	AQUATROL AQT-275 FILTRATION/TIMER VALVE, 24V/60HZ
AQT-275F-NX	AQUATROL AQT-275 FILTER NX VALVE, 24V/60HZ
AQT-275ST-HW	AQUATROL AQT-275 SOFTENING/TIMER/HW VALVE, 24V/60HZ
AQT-275ST-NH	AQUATROL AQT-275 SOFTENING/TIMER/NHWP VALVE, 24V/60HZ
AQT-275SM-HW	AQUATROL AQT-275 SOFTENING/METER/HW VALVE, 24V/60HZ
AQT-275SM-NH	AQUATROL AQT-275 SOFTENING/METER/NHWP VALVE, 24V/60HZ
AQT-275S-NX-HW	AQUATROL AQT-275 SINGLE NX VALVE W/O NX METER, 24V/60HZ
AQT-275S-NX-NH	AQUATROL AQT-275 ELECTRONIC/SOFTENER/TIMER/NHW VALVE, 24V/60HZ

AQT-285 SERIES (COMMERCIAL)

Part Number	Description
AQT-285FT	AQUATROL AQT-285 FILTRATION/TIMER VALVE, 24V/60HZ
AQT-285F-NX	AQUATROL AQT-285 FILTER NX VALVE, 24V/60HZ
AQT-285ST-HW	AQUATROL AQT-285 SOFTENING/TIMER/HW VALVE, 24V/60HZ
AQT-285ST-NH	AQUATROL AQT-285 SOFTENING/TIMER/NHWP VALVE, 24V/60HZ
AQT-285S-NX-HW	AQUATROL AQT-285 SINGLE NX VALVE W/O NX METER, 24V/60HZ
AQT-285S-NX-NH	AQUATROL AQT-285 ELECTRONIC/SOFTENER/TIMER/NHW, 24V/60HZ

AQT-290 SERIES (COMMERCIAL / INDUSTRIAL)

Part Number	Description
AQT-290FT	AQUATROL AQT-290 FILTRATION/TIMER VALVE, 24V/60HZ
AQT-290F-NX	AQUATROL AQT-290 FILTER NX VALVE, 24V/60HZ
AQT-290ST-HW	AQUATROL AQT-290 SOFTENING/TIMER/HW VALVE, 24V/60HZ
AQT-290ST-NH	AQUATROL AQT-290 SOFTENING/TIMER/NHWP VALVE, 24V/60HZ
AQT-290S-NX-HW	AQUATROL AQT-290 SINGLE NX VALVE W/O NX METER, 24V/60HZ
AQT-290S-NX-NH	AQUATROL AQT-290 ELECTRONIC/SOFTENER/TIMER/NHW VALVE, 24V/60HZ

AQT-315 SERIES (INDUSTRIAL)

Part Number	Description
AQT-315FT	AQUATROL AQT-315 FILTRATION/TIMER VALVE, 24V/60HZ
AQT-315F-NX	AQUATROL AQT-315 FILTER NX VALVE, 24V/60HZ
AQT-315ST-HW	AQUATROL AQT-315 SOFTENING/TIMER/HW VALVE, 24V/60HZ
AQT-315ST-NH	AQUATROL AQT-315 SOFTENING/TIMER/NHWP VALVE, 24V/60HZ
AQT-315S-NX-HW	AQUATROL AQT-315 SINGLE NX VALVE W/O NX METER, 24V/60HZ
AQT-315S-NX-NH	AQUATROL AQT-315 ELECTRONIC/SOFTENER/TIMER/NHW VALVE, 24V/60HZ

AQT-390 SERIES (INDUSTRIAL)

Part Number	Description
AQT-390FT	AQUATROL AQT-390 FILTRATION/TIMER, 24V/60HZ
AQT-390F-NX	AQUATROL AQT-390 FILTER NX VALVE, 24V/60HZ
AQT-390STDM-HW	AQUATROL AQT-390 SOFTENING/TIMER/HW DELAY, 24V/60HZ
AQT-390STDM-NH	AQUATROL AQT-390 SOFTENING/TIMER/NH DELAY, 24V/60HZ
AQT-390S-NX-HW	AQUATROL AQT-390 SINGLE NX VALVE W/O NX METER, 24V/60HZ
AQT-390S-NX-NH	AQUATROL AQT-390 ELECTRONIC/SOFTENER/TIMER/NHW VALVE, 24V/60HZ



AQT-580XT SERIES (LIGHT COMMERCIAL)

Part Number	Description
AQT-580FT-XT12	AQUATROL AQT-580XT FILTER VALVE, TIMER, XT DIGITAL, 12VDC, 1.25"
AQT-580ST-XT12-HW	AQUATROL AQT-580XT SOFTENER VALVE, TIMER, XT DIGITAL, 12VDC, HARD WATER, 1.25"
AQT-580ST-XT12-NH	AQUATROL AQT-580XT SOFTENER VALVE, TIMER, XT DIGITAL, 12VDC, NO HARD WATER, 1.25"
AQT-580SM-XT12-HW	AQUATROL AQT-580XT SOFTENER VALVE, METER, XT DIGITAL, 12VDC, HARD WATER, 1.25"
AQT-580SM-XT12-NH	AQUATROL AQT-580XT SOFTENER VALVE, METER, XT DIGITAL, 12VDC, NO HARD WATER, 1.25"



AQT-581XT SERIES (COMMERCIAL)

Part Number	Description
AQT-581FT-XT15	AQUATROL AQT-581XT FILTER VALVE, TIMER, XT DIGITAL, 12VDC, 1.5"
AQT-581ST-XT15-HW	AQUATROL AQT-581XT SOFTENER VALVE, TIMER, XT DIGITAL, 12VDC, HARD WATER, 1.5"
AQT-581ST-XT15-NH	AQUATROL AQT-581XT SOFTENER VALVE, TIMER, XT DIGITAL, 12VDC, NO HARD WATER, 1.5"
AQT-581SM-XT15-HW	AQUATROL AQT-581XT SOFTENER VALVE, METER, XT DIGITAL, 12VDC, HARD WATER, 1.5"
AQT-581SM-XT15-NH	AQUATROL AQT-581XT SOFTENER VALVE, METER, XT DIGITAL, 12VDC, NO HARD WATER, 1.5"



AQT-910XT SERIES (RESIDENCIAL / LIGHT COMMERCIAL)

Part Number	Description
AQT-910SM-XT	AQUATROL AQT-910XT SOFTENER TWIN VALVE, METER, XT DIGITAL, 12VDC, 1"



AQT-950XT SERIES (COMMERCIAL)

Part Number	Description
AQT-950SM-XT	AQUATROL SOFTENER TWIN VALVE, METER, DIGITAL XT, 12V/60HZ, 1.5"



MANUAL VALVES (FILTER AND SOFTENER)

Part Number	Description
AQT-MFV-34	MANUAL FILTER VALVE, 0.75", BASE 2.5" 8 NPSM, DRAIN 0.75"
AQT-MFV-1	MANUAL FILTER VALVE, 1", BASE 2.5" 8 NPSM, DRAIN 1"
AQT-MFV-2	MANUAL FILTER VALVE, 2", BASE 4" 8 UN, DRAIN 2"
AQT-MSV-34	MANUAL SOFTENER VALVE, 0.75", BASE 2.5" 8 NPSM, DRAIN 0.5"
AQT-MSV-1	MANUAL SOFTENER VALVE, 1", BASE 2.5" 8 NPSM, DRAIN 0.5"
AQT-MSV-2	MANUAL SOFTENER VALVE, 2", BASE 4" 8 UN, DRAIN 1"

Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft2..



AQUATROL™

AQT-56 Timer/Meter Control Valves

offer a rigid valve body made from Noryl material for a superior quality and durability. The AQT-56 Control Valves are low power consumption and have a precision piston-seal-spacer assembly. With a wide range of piston selections as well as a full series of DLFC/BLFC/Injector modules the AQT-56 can be customized to meet many requirements.



FEATURES

- Highly durable, non-corrosive Noryl body design.
- For residential and light commercial applications. 3/4" and 1" connection.
- 3/4" and 1" connection, 12 day time control, flow control up to 2100 gallons.
- Time clock: 12 days
- Meter: delayed regeneration



AQUATROL™ AQT-56 VALVE COMPARISON CHART (RESIDENTIAL/LIGHT COMMERCIAL)

Part Number	AQT-56FT	AQT-56ST	AQT-56SM	AQT-56SE-FT	AQT-56SE-ST	AQT-56SE-SM
Connection	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"
Service Flow Rate	20 gpm	20 gpm	20 gpm	20 gpm	20 gpm	20 gpm
Peak Flow Rate	26 gpm	26 gpm	26 gpm	26 gpm	26 gpm	26 gpm
Backwash Flow Rate	7 gpm	7 gpm	7 gpm	7 gpm	7 gpm	7 gpm
Drain Line	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Operating Pressure	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi
Distributor	1.05"OD (3/4" SCH 40)	1.05"OD (3/4" SCH 40)	1.05"OD (3/4" SCH 40)	1.05"OD (3/4" SCH 40)	1.05"OD (3/4" SCH 40)	1.05"OD (3/4" SCH 40)
Mounting Base	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM
Material	Noryl	Noryl	Noryl	Noryl	Noryl	Noryl
Brine Line	No	3/8"	3/8"	No	3/8"	3/8"
Mechanical Control	Time 12 Days	Time 12 Days	Flow	No	No	No
Digital Control	No	No	No	SE Time	SE Time	SE Flow
Immediate Regeneration	No	No	No	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable
Delayed Regeneration	12:00 am	2:00 am	2:00 am	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable
Cycles	3	5	5	2	4	4
Adjustable Cycles	No	Brine Refill	Brine Refill	All	All	All
Meter	No	No	2100 gal	No	1-9,999,999 gal	1-9,999,999 gal
Filters (Tank Size)	7" - 10"	No	No	7" - 10"	No	No
Softener (Tank Size)	No	6" - 13"	6" - 13"	No	6" - 13"	6" - 13"

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the customer and/or installer to verify that they meet their engineering needs.

Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft².



AQUATROL™ AQT-275 Timer/Meter Control Valves

Offer a flanged body design for convenient maintenance and are made of solid lead-free brass for superior strength and durability. The AQT-275 also offers a NH piston and is 5 cycle adjustable.

FEATURES

- Brass body with a 1" connection.
- Mechanical control adjustable for 5 cycles.
- Time-based control for 12 days.
- NX digital control with adjustable times.
- Delayed regeneration with NX control.
- Backwash for units up to 30" softener and 21" filter.



AQUATROL™ AQT-275 VALVE COMPARISON CHART (RESIDENCIAL/LIGHT COMMERCIAL)

Part Number	AQT-275FT	AQT-275ST	AQT-275F-NX	AQT-275S-NX
Connection	1"	1"	1"	1"
Service Flow Rate	26 gpm	26 gpm	26 gpm	26 gpm
Peak Flow Rate	33 gpm	33 gpm	33 gpm	33 gpm
Backwash Flow Rate	25 gpm	25 gpm	25 gpm	25 gpm
Working Pressure	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi
Drain Line	3/4"	3/4"	3/4"	3/4"
Distributor	1.05 OD (3/4" SCH 40)	1.05 OD (3/4" SCH 40)	1.05 OD (3/4" SCH 40)	1.05 OD (3/4" SCH 40)
Mounting Base	2.5" - 8 NPSM	2.5" - 8 NPSM	2.5" - 8 NPSM	2.5" - 8 NPSM
Material	Brass	Brass	Brass	Brass
Brine Line	No	3/8"	No	3/8"
Mechanical Control	Time 12 Days	Time 12 Days	No	No
Digital Control	No	No	AQT-NX - Time and Flow	AQT-NX - Time and Flow
Immediate Regeneration	No	No	Adjustable	Adjustable
Delayed Regeneration	12:00 am	2:00 am	Adjustable	Adjustable
Cycles	5	5	5	5
Adjustable Cycles	All	All	All	All
Meter	No	No	Optional	999,999,999 gal
HW	Yes	Yes	Yes	Yes
NH	Optional	Optional	Optional	Optional
Filters (Tank Size)	10" - 21"	No	10" - 21"	No
Softener (Tank Size)	No	10" - 30"	No	10" - 30"

* HW - Hard Water Bypass. NH - Hard Water Bypass

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the customer and/or installer to verify that they meet their engineering needs. Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft2.

AQUATROL™**AQT-285 SERIES - Filter/Softener**
NX Control for Time and Flow

offer a flanged body design for convenient maintenance and are made of solid lead-free brass for superior strength and durability. The AQT-285 also has a time-tested piston, seal and spacer design.

FEATURES

- Brass body with a 1.5" connection.
- Mechanical control adjustable for 5 cycles.
- Time-based control for 12 days.
- NX digital control with adjustable times.
- Delayed regeneration with NX control.
- Backwash for units up to 36" softener and 30" filter.

**AQUATROL™ AQT-285 VALVE COMPARISON TABLE (COMMERCIAL)**

Part Number	AQT-285FT	AQT-285ST	AQT-285F-NX	AQT-285S-NX
Connection	1.5"	1.5"	1.5"	1.5"
Service Flow Rate	51 gpm	51 gpm	51 gpm	51 gpm
Peak Flow Rate	66 gpm	66 gpm	66 gpm	66 gpm
Backwash Flow Rate	49 gpm	49 gpm	49 gpm	49 gpm
Working Pressure	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi
Drain Line	1"	1"	1"	1"
Distributor	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)
Mounting Base	4" - 8 UN	4" - 8 UN	4" - 8 UN	4" - 8 UN
Material	Brass	Brass	Brass	Brass
Brine Line	No	1/2"	No	1/2"
Mechanical Control	Time 12 Days	Time 12 Days	No	No
Digital Control	No	No	AQT-NX - Time and Flow	AQT-NX - Time and Flow
Immediate Regeneration	No	No	Adjustable	Adjustable
Delayed Regeneration	12:00 am	2:00 am	Adjustable	Adjustable
Cycles	5	5	5	5
Adjustable Cycles	All	All	All	All
Meter	No	No	Optional	999,999,999 gal
HW	Filter	Yes	Yes	Yes
NH	Optional	Optional	Optional	Optional
Filters (Tank Size)	14" - 30"	No	14" - 30"	No
Softener (Tank Size)	No	14" - 36"	No	14" - 36"

* HW - Bypass Agua Dura. NH - Bypass Agua Dura

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the customer and/or installer to verify that they meet their engineering needs. Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft2.



AQUATROL™

AQT-290 SERIES - Filter/Softeners NX Control for Time and Flow

are made of solid lead-free brass for superior strength and durability. The AQT-290 incorporates 2 hydraulically-balanced pistons, seal and spacers. It can be used with single or multiple tank systems and it also offers continuous flow rate of 106 gpm.

FEATURES

- Brass body with a 2" connection.
- Mechanical control adjustable for 5 cycles.
- Time-based control for 12 days.
- NX digital control with adjustable times.
- Delayed regeneration with NX control.
- Backwash for units up to 36" softener and 21" filter.
- Continuous flow of up to 106 gpm.



AQUATROL™ AQT-290 VALVE COMPARISON CHART (COMMERCIAL/INDUSTRIAL)

Part Number	AQT-290 FT	AQT-290ST	AQT-290F-NX	AQT-290S-NX
Connection	2"	2"	2"	2"
Service Flow Rate	106 gpm	106 gpm	106 gpm	106 gpm
Peak Flow Rate	140 gpm	140 gpm	140 gpm	140 gpm
Backwash Flow Rate	25 gpm	25 gpm	25 gpm	25 gpm
Working Pressure	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi
Drain Line	3/4"	3/4"	3/4"	3/4"
Distributor	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)
Mounting Base	4" - 8 UN	4" - 8 UN	4" - 8 UN	4" - 8 UN
Material	Brass	Brass	Brass	Brass
Brine Line	No	1/2"	No	1/2"
Mechanical Control	Time	Time	No	No
Digital Control	No	No	AQT-NX - Time and Flow	AQT-NX - Time and Flow
Immediate Regeneration	No	No	Adjustable	Adjustable
Delayed Regeneration	12:00 am	2:00 am	Adjustable	Adjustable
Cycles	5	5	5	5
Adjustable Cycles	All	All	All	All
Meter	No	No	Optional	999,999,999 gal
HW	Filter	Yes	Yes	Yes
NH	No	Optional	Optional	Optional
Filters (Tank Size)	14" - 21"	No	14" - 21"	No
Softener (Tank Size)	No	14" - 36"	No	14" - 36"

* HW - Hard Water Bypass. NH - Hard Water Bypass

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the customer and/or installer to verify that they meet their engineering needs. Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft².

AQUATROL™

AQT-315 SERIES - Filter/Softeners

NX Control for Time and Flow

are made of solid lead-free brass for strength and durability. The AQT-315 has a time-tested piston, seal and spacer design. The AQT-315 is ideal for filter applications.

FEATURES

- Brass body with a 2" connection.
- Mechanical control adjustable for 5 cycles.
- Time-based control for 12 days.
- NX digital control with adjustable times.
- Delayed regeneration with NX control.
- Backwash for units up to 63" softener and 42" filter.
- Continuous flow of up to 95 gpm.



AQUATROL™ AQT-315 VALVE COMPARISON CHART (INDUSTRIAL)

Part Number	AQT-315FT	AQT-315ST	AQT-315F-NX	AQT-315S-NX
Connection	2"	2"	2"	2"
Service Flow Rate	95 gpm	95 gpm	95 gpm	95 gpm
Peak Flow Rate	124 gpm	124 gpm	124 gpm	124 gpm
Backwash Flow Rate	105 gpm	105 gpm	105 gpm	105 gpm
Working Pressure	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi
Drain Line	2"	2"	2"	2"
Distributor	2.49" OD (2" SCH 40)	2.49" OD (2" SCH 40)	2.49" OD (2" SCH 40)	2.49" OD (2" SCH 40)
Mounting Base	4" - 8 UN	4" - 8 UN	4" - 8 UN	4" - 8 UN
Material	Brass	Brass	Brass	Brass
Brine Line	No	1"	No	1"
Mechanical Control	Time 12 Days	Time 12 Days	No	No
Digital Control	No	No	AQT-NX - Time and Flow	AQT-NX - Time and Flow
Immediate Regeneration	No	No	Adjustable	Adjustable
Delayed Regeneration	12:00 am	2:00 am	Adjustable	Adjustable
Cycles	5	5	5	5
Adjustable Cycles	All	All	All	All
Meter	No	No	Optional	999,999,999 gal
HW	Yes	Yes	Yes	Yes
NH	Optional	Optional	Optional	Optional
Filters (Tank Size)	24" - 42"	No	24" - 42"	No
Softener (Tank Size)	No	24" - 63"	No	24" - 63"

* HW - Hard Water Bypass. NH - Hard Water Bypass

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the customer and/or installer to verify that they meet their engineering needs. Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft2.



AQUATROL™
CONTROL VALVES

AQUATROL™

SERIE AQT-390 - Filter/Softeners
NX Control for Time and Flow

are made of solid lead-free brass for superior strength and durability. The AQT-390 also offers a time-tested piston, seal and spacer design. The AQT-390 also offers a fully adjustable 5 cycle controller. The AQT-390 is ideal for filter applications.

FEATURES

- Brass body with a 3" connection.
- Mechanical control adjustable for 5 cycles.
- Time-based control for 12 days.
- NX digital control with adjustable times.
- Delayed regeneration with NX control.
- Backwash for units up to 63" softener and 48" filter.
- Continuous flow of up to 250 gpm.



AQUATROL™ AQT-390 VALVE COMPARISON CHART (INDUSTRIAL)

Part Number	AQT-390FT	AQT-390ST	AQT-390F-NX	AQT-390S-NX
Connection	3"	3"	3"	3"
Service Flow Rate	250 gpm	250 gpm	250 gpm	250 gpm
Peak Flow Rate	325 gpm	325 gpm	325 gpm	325 gpm
Backwash Flow Rate	100 gpm	100 gpm	100 gpm	100 gpm
Working Pressure	20 - 125 psi	20 - 125 psi	20 - 125 psi	20 - 125 psi
Drain Line	2"	2"	2"	2"
Distributor	3.5" OD (3" SCH 40)	3.5" OD (3" SCH 40)	3.5" OD (3" SCH 40)	3.5" OD (3" SCH 40)
Mounting Base	6" Flange	6" Flange	6" Flange	6" Flange
Material	Brass	Brass	Brass	Brass
Brine Line	No	1"	No	1"
Mechanical Control	Time 12 Days	Time 12 Days	No	No
Digital Control	No	No	AQT-NX - Time and Flow	AQT-NX - Time and Flow
Immediate Regeneration	No	No	Adjustable	Adjustable
Delayed Regeneration	12:00 am	2:00 am	Adjustable	Adjustable
Cycles	5	5	5	5
Adjustable Cycles	All	All	All	All
Meter	No	No	Optional	999,999,999 gal
HW	Yes	Yes	Yes	Yes
NH	Optional	Optional	Optional	Optional
Filter (Tank Size)	36" - 48"	No	36" - 48"	No
Softener (Tank Size)	No	36" - 63"	No	36" - 63"

* HW - Hard Water Bypass. NH - Hard Water Bypass

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the customer and/or installer to verify that they meet their engineering needs. Note: Suggested tank sizes are based on a filtration factor of 10 gpm/ft².

AQUATROL™

AQT-580XT SERIES - Filter/Softeners Digital XT Control for Time and Flow

The Aquatrol AQT-580XT valves feature a rigid Noryl body for enhanced durability and superior quality. The AQT-580XT valve includes new features and safety functions that enable easy operation while offering value-added options suitable for a wide range of applications. With its quick connectors, easy-access injectors, and new seal and spacer design, maintenance for the AQT-580XT valve is simpler than ever. It can be used in filters up to 21" and softeners up to 24" in diameter.



FEATURES

- Quick-connect inlet and outlet
- Pre-refill before regeneration
- Auxiliary relay
- New stack-type seal and spacer design
- Historical values
- Easy-access injector module
- Quick-connect for brine and drain lines
- 6 adjustable cycles
- Intelligent proportional regeneration
- Remote signal DP switch
- Easy-access flow meter



AQUATROL™ AQT-580XT VALVE COMPARISON TABLE

Part Number	AQT-580FT-XT	AQT-580ST-XT	AQT-580SM-XT
Connection	1.25"	1.25"	1.25"
Service Flow Rate	33 gpm	33 gpm	33 gpm
Peak Flow Rate	40 gpm	40 gpm	40 gpm
Backwash Flow Rate	33 gpm	33 gpm	33 gpm
Drain Line	1" NPT	1" NPT	1" NPT
Distributor	1.32" OD (1" SCH 40)	1.32" OD (1" SCH 40)	1.32" OD (1" SCH 40)
Mounting Base	2.5"	2.5"	2.5"
Material	Noryl	Noryl	Noryl
Brine Line	No	3/8" QC	3/8" QC
*NH Piston	Optional	Optional	Optional
Digital Control	XT Control	XT Control	XT Control
Immediate Regeneration	Yes	Yes	Yes
Delayed Regeneration	Yes	Yes	Yes
Cycles	6	6	6
Adjustable Cycles	All	All	All
Turbine	No	No	0.25 - 80 gpm
Tank Size (Filter)	10" - 21"	No	No
Tank Size (Softener)	No	10" - 24"	10" - 24"

*HW and NH pistons are not interchangeable. Choose correctly the model you need as you will not be able to convert an HW valve to an NH or vice versa.

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the client and/or installer to verify that they meet their engineering needs.



AQUATROL™ AQT-581XT VALVE COMPARISON TABLE

Part Number	AQT-581FT-XT	AQT-581ST-XT	AQT-581SM-XT
Connection	1.5"	1.5"	1.5"
Service Flow Rate	45 gpm	45 gpm	45 gpm
Peak Flow Rate	58 gpm	58 gpm	58 gpm
Backwash Flow Rate	37 gpm	37 gpm	37 gpm
Drain Line	1" NPT	1" NPT	1" NPT
Distributor	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)	1.96" OD (1.5" SCH 40)
Mounting Base	4"	4"	4"
Material	Noryl	Noryl	Noryl
Brine Line	No	1/2" QC	1/2" QC
*NH Piston	Optional	Optional	Optional
Digital Control	XT Control	XT Control	XT Control
Immediate Regeneration	Yes	Yes	Yes
Delayed Regeneration	Yes	Yes	Yes
Cycles	6	6	6
Adjustable Cycles	All	All	All
Turbine	No	No	0.25 - 80 gpm
Tank Size (Filter)	10" - 24"	No	No
Tank Size (Softener)	No	10" - 30"	10" - 30"

*HW and NH pistons are not interchangeable. Choose correctly the model you need as you will not be able to convert an HW valve to an NH or vice versa.

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under specific and ideal conditions. To use water with special conditions, check first with your distributor for more details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is responsibility of the client and/or installer to verify that they meet their engineering needs.

AQUATROL™

AQT-581XT SERIES - Filter/Softeners Digital XT Control for Time and Flow

The Aquatrol AQT-581XT valves feature a rigid Noryl body for enhanced durability and superior quality. The AQT-581XT valve includes new features and safety functions that enable easy operation while offering value-added options suitable for a wide range of applications. With its quick connectors, easy-access injectors, and new seal and spacer design, maintenance for the AQT-581XT valve is simpler than ever. It can be used in filters up to 24" and softeners up to 30" in diameter.

FEATURES

- Quick-connect inlet and outlet
- Pre-refill before regeneration
- Auxiliary relay
- New stack-type seal and spacer design
- Historical values
- Easy-access injector module
- Quick-connect for brine and drain lines
- 6 adjustable cycles
- Intelligent proportional regeneration
- Remote signal DP switch
- Easy-access flow meter

AQUATROL™

AQT-910XT SERIES - Twin Alternating Digital XT Control

The Aquatrol AQT-910XT valves feature a rigid Noryl body for enhanced durability and superior quality. The AQT-910XT valve includes new features and safety functions that enable easy operation while offering value-added options suitable for a wide range of applications. With its quick connectors, easy-access injectors, and new seal and spacer design, maintenance for the AQT-910XT valve is simpler than ever.

AQUATROL™

AQT-950XT SERIES - Twin Alternating Digital XT Control

Aquatrol AQT-950XT Twin series control valves offer a rigid valve body made from Noryl material for superior quality and durability. AQT-950XT with their diverse options and added security features allow for ease of use, while offering value added options to fit a wide range of applications. AQT-950XT valves are easy to maintain with multiple quick connect connectors, easy access to injectors and simplified programming. They can be used on softener tanks up to 30".



FEATURES

- Quick-connect inlet and outlet
- New stack-type seal and spacer design
- Historical values
- Easy-access injector module
- Quick-connect for brine and drain lines
- Redesigned bypass (included)
- 6 adjustable cycles
- Intelligent proportional regeneration
- Remote signal DP switch
- Easy-access flow meter

Note: Important. The characteristics shown in the table are values given by the manufacturer. They are values calculated under conditions specific and ideal. To use water with special conditions, check Contact your dealer first for details. Aquatrol provides this data in an informative manner, so it is not responsible for poor selection, use and maintenance of the valve and/or its internal components. It is the responsibility of the client and/or installer verify that they meet your engineering needs.

AQUATROL™ AQT-910XT / AQT-950XT VALVE COMPARISON CHART

Part Number	AQT-910SM-XT	AQT950SM-XT
Connection	1"	1.5"
Service Flow Rate	18 gpm	40 gpm
Peak Flow Rate	24 gpm	53 gpm
Backwash Flow Rate	9 gpm	25 gpm
Drain Line	1/2" QC, Elbow	1" NPT
Distributor	1.05" OD (3/4" SCH 40)	1.96" OD (1.5" SCH 40)
Mounting Base	2.5" 8 NPSM	4" - 8UN
Material	Noryl	Noryl
Brine Line	3/8" QC	1/2" QC
Digital Control	XT Control	XT Control
Immediate Regeneration	Yes	Yes
Cycles	6	6
Adjustable Cycles	All	All
Turbine	0.3 - 27 gpm	0.3 - 66 gpm
Tank Size (Softener)	7" - 16"	14" - 30"



AQUATROL™

MFV SERIES - Filter

MSV SERIES - Softener

The Aquatrol manual valves offer simple manual operation. They are suitable for filtration applications such as activated carbon, multimedia, and many other filtering media.

A wide range of sizes is available for both residential and light commercial use, from 2.5" to 4" in base diameter, and from 1" to 2" in hydraulic connection diameters.

FEATURES

- Easy installation
- Very low investment cost
- Can be used with a wide variety of tank sizes
- Internal ceramic disc for greater resistance to friction
- Sleek design
- No electricity required
- Easy operation with lever or handwheel



AQT-MFV-34



AQT-MFV-1



AQT-MFV-2



AQT-MSV-34



AQT-MSV-1



AQT-MSV-2

COMPARISON TABLE MANUAL VALVES AQUATROL™ - AQT-MFV-34, AQT-MFV-1, AQT-MSV-34 & AQT-MSV-1 (RESIDENCIAL/COMMERCIAL) AQT-MFV-2 & AQT-MSV-2 (COMMERCIAL)

Part Number	AQT-MFV-34	AQT-MFV-1	AQT-MFV-2	AQT-MSV-34	AQT-MSV-1	AQT-MSV-2
Connection	3/4"	1"	2"	3/4"	1"	2"
Service Flow Rate	8 gpm	16.5 gpm	46.3 gpm	9 gpm	17 gpm	36.4 gpm
Backwash Flow Rate	8 gpm	17 gpm	41.85 gpm	4 gpm	6.7 gpm	25.1 gpm
Drain Line	3/4"	1"	1 1/2"	1/2"	1/2"	1 1/2"
Distributor	1.05" OD	1.05" OD	1.96" OD	1.05" OD	1.05" OD	1.96" OD
Mounting Base	2.5"	2.5"	4"	2.5"	2.5"	4"
Material	Noryl	Noryl	Noryl	Noryl	Noryl	Noryl
Brine Line	-	-	-	3/8"	3/8"	1/2"
Control	Lever	Lever	Wheel	Wheel	Wheel	Wheel
Tank Size	6"-10"	6"-12"	14"-24"	6"-10"	6"-18"	14"-30"



AQUATROL™ REPLACEMENT PARTS

BRAND



PISTON SET HW & NH

Part Number	Description	For Valve
A-60102-20	AQT-56, NEW FILTER AND SOFTENER PISTON KITS	AQT-56
A-60102-SE	AQT-56SE PISTON	AQT-56SE
A-60101-01	AQT-275 SOFTENER PISTON KITS NHW	AQT-275
A-60090-HF	AQT-275, SOFTENER PISTON KITS HW, OR FOR AQT-290, SOFTENER PISTON KIT HW UPPER	AQT-275 y AQT-290
A-60105	AQT-285, SOFTENER PISTON KITS HW	AQT-285
A-60114-01	AQT-285 SOFTENER PISTON KITS NHW	AQT-285
A-60103	AQT-290, SOFTENER PISTON KITS HW LOWER	AQT-290
A-60104	AQT-290, SOFTENER PISTON KITS NHW LOWER	AQT-290
A-60106-00	AQT-315, SOFTENER PISTON KITS HW OR FOR AQT-390, SOFTENER PISTON KIT UPPER	AQT-315 & AQT-390
A-60113-01	AQT-315, SOFTENER PISTON KITS NHW	AQT-315
A-60107-00	AQT-390, SOFTENER PISTON KITS HW LOWER	AQT-390
A-60107-10	AQT-390, SOFTENER PISTON KITS NHW LOWER	AQT-390
A-60500-01	AQUATROL PISTON ASSY, SOFTENER, HW, AQT-580/581	AQT-580 & AQT-581
A-60501-01	AQUATROL PISTON ASSY, SOFTENER, NH, AQT-580/581	
A-60500-02	AQUATROL PISTON ASSY, FILTER, HW, AQT-580/581	
A-60501-02	AQUATROL PISTON ASSY, FILTER, NHW, AQT-580/581	
A-91003-01	AQUATROL PISTON ASSY, AQT-910XT, UPPER	AQT-910
A-91003-02	AQUATROL PISTON ASSY, AQT-910XT, LOWER	
A-95003-01	AQUATROL PISTON ASSY, AQT-950XT, UPPER	AQT-950
A-95003-02	AQUATROL PISTON ASSY, AQT-950XT, LOWER	

(HW - Hard water bypass, NH - No hard water bypass)



SEAL AND SPACER KITS

Part Number	Description	For Valve
A-60125	AQT-56, SEAL AND SPACER KITS	AQT-56
A-60121-10	AQT-275, SEAL AND SPACER KITS NHW	AQT-275 & AQT-290
A-60128	AQT-290, SEAL AND SPACER KITS LOWER	AQT-290
A-60129-20	AQT-285, SEAL AND SPACER KITS	AQT-285
A-60131	AQT-390, SEAL AND SPACER KITS UPPER	AQT-315 y AQT-390
A-60132	AQT-390, SEAL AND SPACER KITS LOWER	AQT-390
A-71012	AQUATROL SEALS AND SPACERS STACK, AQT-580/581	AQT-580 & AQT-581
A-91002-01	AQUATROL SEALS AND SPACERS STACK, AQT-910XT, UPPER	AQT-910
A-91002-02	AQUATROL SEALS AND SPACERS STACK, AQT-910XT LOWER	
A-95002-01	AQUATROL SEALS AND SPACERS STACK, AQT-950XT, UPPER	AQT-950
A-95002-02	AQUATROL SEALS AND SPACERS STACK, AQT-950XT LOWER	



INJECTOR BODIES

Part Number	Description	For Valve
A-60480	INJECTOR ASSY FOR AQT-275 COMPLETE	AQT-275
A-60381	INJECTOR ASSY FOR AQT-285/290 COMPLETE	AQT-285 & AQT-290
A-60277	INJECTOR ASSY FOR AQT-315/390 COMPLETE	AQT-315 & AQT-390





BRINE INJECTION VALVES

Part Number	Description	For Valve
A-60384	INJECTOR ASSY, FILTER FOR AQT-56	AQT-56 Filter
A-60068	BRINE VALVE, 3/8", AQT-56 SOFTENER ONLY	AQT-56 Softener
A-60029	BRINE VALVE, SHORT STEM LESS BLFC FOR AQT-275	AQT-275
A-60034	BRINE VALVE FOR AQT-285/290	AQT-285 & 290
A-60036	BRINE VALVE FOR AQT-315/390	AQT-315 & 390

INJECTOR SET - FOR VALVE AQT-315 & AQT-390



Part Number	Description	For Valve
A-10225-0-N	INJECTOR ASSY, #0, RED (7" AND 8" TANK) FOR AQT-56	AQT-56 AQT-580 AQT-910
A-10225-1-N	INJECTOR ASSY, #1, WHITE (9" AND 10" TANK) FOR AQT-56	
A-10225-2-N	INJECTOR ASSY, #2, BLUE (12" TANK) FOR AQT-56	
A-10225-3-N	INJECTOR ASSY, #3, YELLOW (13" AND 14" TANK) FOR AQT-56	
A-12540-3	INJECTOR ASSY, #3, WHITE, FOR AQT-581 & AQT-950, 14"-16" TANKS	AQT-581
A-12540-4	INJECTOR ASSY, #4, GREEN, FOR AQT-581 & AQT-950, 18"-21"	
A-12540-5	INJECTOR ASSY, #5, BLUE, FOR AQT-581 & AQT-950, 24"-30"	
A-18272-0	INJECTOR ASSY #0 RED (12" AND 13" TANK) FOR AQT-275 BRINE	AQT-275
A-18272-1	INJECTOR ASSY #1 WHITE (14" AND 16" TANK) FOR AQT-275 BRINE	
A-18272-2	INJECTOR ASSY #2 BLUE (18" TANK) FOR AQT-275 BRINE	
A-18272-3	INJECTOR ASSY #3 YELLOW (20" TANK) FOR AQT-275 BRINE	
A-14801-03C	INJECTOR ASSY, #3C, WHITE (18" & 20" TANK) FOR AQT-285/290	AQT-285 AQT-290
A-14801-04C	INJECTOR ASSY, #4C, GREEN (21" TANK) FOR AQT-285/290	
A-14801-05C	INJECTOR ASSY, #5C, BLUE (24" TANK) FOR AQT-285/290	
A-14801-06C	INJECTOR ASSY, #6C, RED (30" AND 36" TANK) FOR AQT-285/290	
A-15128-04	NOZZLE, INJECTOR, #4 (24" TANK) FOR AQT-315/390	AQT-315 AQT-385 AQT-390
A-15128-05	NOZZLE, INJECTOR, #5 (30" TANK) FOR AQT-315/390	
A-15128-06	NOZZLE, INJECTOR, #6 (36" TANK) FOR AQT-315/390	
A-15128-07	NOZZLE, INJECTOR, #7 (42" TANK) FOR AQT-315/390	
A-15128-08	NOZZLE, INJECTOR, #8 (48" TANK) FOR AQT-315/390	
A-15128-09	NOZZLE, INJECTOR, #9 (54" TANK) FOR AQT-315/390	
A-15128-10	NOZZLE, INJECTOR, #10 (63" TANK) FOR AQT-315/390	AQT-581 AQT-950
A-12540-3	INJECTOR, AQT-581/950, #3, WHITE, TANK 14" - 16"	
A-12540-4	INJECTOR, AQT-581/950, #3, GREEN, TANK 18" - 21"	
A-12540-5	INJECTOR, AQT-581/950, #3, BLUE, TANK 24" - 30"	

*Note: Verify the type of injector your valve has before placing your replacement order.

BLFC - (BRINE LINE FLOW CONTROL) BUTTON

Part Number	Description	For Valve
A-12094	BLFC BUTTON 0.25 GPM FOR AQT-56 AND AQT-275	AQT-56 AQT-275 AQT-910
A-12095	BLFC BUTTON 0.50 GPM FOR AQT-56 AND AQT-275	
A-12097	BLFC BUTTON 1 GPM FOR AQT-275	
A-71015-01	AQUATROL BLFC BUTTON, 1.00 GPM	AQT-580 AQT-581 AQT-950
A-71015-02	AQUATROL BLFC BUTTON, 2.00 GPM	
A-71015-03	AQUATROL BLFC BUTTON, 3.00 GPM	
A-71015-04	AQUATROL BLFC BUTTON, 4.00 GPM	
A-71015-05	AQUATROL BLFC BUTTON, 5.00 GPM	
A-28543-10	AQUATROL BUTTON, BLFC 1.0 GPM, AQT-285/290	AQT-285 AQT-290
A-28544-12	AQUATROL BUTTON, BLFC 1.2 GPM, AQT-285/290	
A-28545-15	AQUATROL BUTTON, BLFC 1.5 GPM, AQT-285/290	
A-28546-20	AQUATROL BUTTON, BLFC 2.0 GPM, AQT-285/290	
A-28547-24	AQUATROL BUTTON, BLFC 2.4 GPM, AQT-285/290	
A-28548-30	AQUATROL BUTTON, BLFC 3.0 GPM, AQT-285/290	
A-28549-40	AQUATROL BUTTON, BLFC 4.0 GPM, AQT-285/290	
A-28550-50	AQUATROL BUTTON, BLFC 5.0 GPM, AQT-285/290	
A-17938	AQUATROL DLFC WASHER FLOW 2 GPM	AQT-315 AQT-385 AQT-390
A-17942	AQUATROL DLFC WASHER FLOW 5 GPM	
A-17943	DLFC WASHER FLOW 8.0GPM	
A-17944	DLFC WASHER FLOW 9.0GPM	
A-16529	DLFC WASHER FLOW 10.0GPM	



DLFC BUTTON - (DRAIN LINE FLOW CONTROL)

Part Number	Description	For Valve
A-12085	DLFC WASHER FLOW 1.2GPM	AQT-56 AQT-910
A-12086	DLFC WASHER FLOW 1.5GPM	
A-12087	DLFC WASHER FLOW 2.0GPM	
A-12088	DLFC WASHER FLOW 2.4GPM	
A-12089	DLFC WASHER FLOW 3.0GPM	
A-12090	DLFC WASHER FLOW 3.5GPM	
A-12091	DLFC WASHER FLOW 4.0GPM	
A-12092	DLFC WASHER FLOW 5.0GPM	
A-17938	AQUATROL DLFC WASHER FLOW 2 GPM	AQT-275 AQT-285 AQT-290 AQT-315 AQT-385 AQT-390 AQT-580 AQT-581 AQT-950
A-17939	AQUATROL DLFC WASHER FLOW 3.2 GPM	
A-17940	AQUATROL DLFC WASHER FLOW 3.5 GPM	
A-17941	AQUATROL DLFC WASHER FLOW 4 GPM	
A-17942	AQUATROL DLFC WASHER FLOW 5 GPM	
A-17943	DLFC WASHER FLOW 8.0GPM	
A-17944	DLFC WASHER FLOW 9.0GPM	
A-16529	DLFC WASHER FLOW 10.0GPM	
A-16735	DLFC WASHER FLOW 12.0GPM	
A-16736	DLFC WASHER FLOW 15.0GPM	
A-16528	DLFC WASHER FLOW 20.0GPM	
A-16737	DLFC WASHER FLOW 25.0GPM	
A-16738	AQUATROL DLFC WASHER FLOW 32 GPM	
A-16739-PLG	AQUATROL DLFC WASHER PLUG	AQT-315 & AQT-390



Buttons DLFC



DLFC



TURBINE METERS

Part Number	Description	For Valve
AQT-275-NXMETER	Aquatrol NX-METER 275, 1", Cable Included	AQT-275
AQT-285-NXMETER	Aquatrol NX-METER 285, 1.5", Cable Included	AQT-285
AQT-290-NXMETER	Aquatrol NX-METER 290, 2", Cable Included	AQT-290
AQT-315-NXMETER	Aquatrol, NX-METER 315, 2", Cable Included	AQT-315
AQT-390-NXMETER	Aquatrol, NX-METER 390, 3", Cable Included	AQT-390
A-60626	Turbine, 3/4", AQT-56SE	AQT-56SE
A-71017	Turbine, AQT-580, 581, XT	AQT-580 & AQT-581
A-91020	Turbine, AQT-910, XT	AQT-910
A-95020	Turbine, AQT-950, XT	AQT-950

SIDE MOUNTING BASES



Part Number	Description	For Valve
A-61415	Brass Side Mount Base	AQT-285 & AQT-290
A-61414	Brass Side Mount Base	AQT-315
A-61417	Brass Side Mount Base	AQT-390



BY-PASSES

Part Number	Description	For Valve
A-60041SS	Bypass, Inox., AQT-56	AQT-56
A-60049	Bypass, Plastic, Valve AQT-56	AQT-56
A-60010-XT	Bypass, Plastic, Blue, AQT-580, 1.25"	AQT-580
AQT-910-BYPASS	Bypass, Plastic, Blue AQT-910, 1"	AQT-910



CONNECTION TYPES



BRAND



*DISTRIBUTORS -
Residential and Commercial*

TOP DISTRIBUTOR BASKET - RESIDENTIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-TD-1203	1.05", Thread	25	7" - 13"	AQT-56 & AQT-56SE	D1203	18280
AQT-TD-1204-10	1.32" OD (1" SCH 40), Lock	11 - 14 gpm	10" - 14"	AQT-580	--	--
AQT-TD-1205-10	1.32" OD (1" SCH 40), Lock	11 - 18 gpm	16" - 21"	AQT-580	--	--

BOTTOM DISTRIBUTOR BASKET - RESIDENTIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-BD-1212-04	1.05", Glue	25 - 30	10" - 18"	AQT-275	D1212-04	40922
AQT-BD-1213-04	1.05", Glue	25	7" - 13"	AQT-56 & AQT-56SE	D1236	13851
AQT-BD-1214-10	1.32" OD (1" SCH 40), Glue	11 - 14 gpm	10" - 14"	AQT-580	--	--
AQT-BD-1215-10	1.32" OD (1" SCH 40), Glue	11 - 18 gpm	16" - 21"	AQT-580	--	--

TOP DISTRIBUTOR BASKET, STACK TYPE - COMMERCIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-TD-MV2	5.5" X 3.5", 1.5" Thread	70 - 85	14" - 36"	AQT-MSV-2 AQT-MFV-2	--	--
AQT-TD-1199	5.5" X 3.5", 1.5" Screw	70 - 85	14" - 36"	AQT-285 AQT-290	D1199	--

TOP DISTRIBUTOR BASKET, STACK TYPE- INDUSTRIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-TD-D1199-02	5.5" X 3.5", 2", Screw	70 - 85	21" - 48"	AQT-315	D1199-02	--
AQT-TD-TM6F3S	8.5" X 5.5", 3", Flange Mount	132 - 189	36" - 63"	AQT-390	--	--

BOTTOM DISTRIBUTOR BASKET, STACK TYPE - COMMERCIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-BD-1196-07	3" X 3.5", 1.5", Glue	40 - 50	14" - 16"	AQT-285 AQT-290	D1196-07	--
AQT-BD-1197-07	6" X 3.5", 1.5", Glue	75 - 96	16" - 24"	AQT-285 AQT-290	D1197-07	--



AQT-TD-1203



AQT-TD-1204-10



AQT-TD-1205-10



AQT-BD-1212-04



AQT-BD-1213-04



AQT-BD-1214-10



AQT-BD-1215-10



AQT-TD-MV2



AQT-TD-1199



AQT-TD-D1199-02



AQT-TD-TM6F3S



AQT-BD-1196-07



AQT-BD-1197-07



AQT-TBD-7155H



AQT-TBD-B5679

DISTRIBUTORS TOP / BOTTOM, STACK TYPE- COMMERCIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-TBD-7155H	4" - 8UN Thread, 2" Glue	75 - 97	14" - 36"	Lateral Assembly	D7155	5671
AQT-TBD-B5679	6" Flange, 3" FNPT Thread	220 - 255	36" - 63"	Lateral Assembly	DKSTSF3	5679



AQT-HL-B10849



6 LATERALS, TOP MOUNTED VALVE - COMMERCIAL/ INDUSTRIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-HL-B5665	3/4" Thread, 1.5" Glue	125 - 145	14" - 16"	AQT-285 AQT-290	DKSHL16TM1.5S	5665
AQT-HL-B5666	3/4" Thread, 1.5" Glue	125 - 145	18" - 21"	AQT-285 AQT-290	DKSHL18TM1.5S	5666
AQT-HL-B5667	3/4" Thread, 1.5" Glue	140 - 155	24"	AQT-285 AQT-290	DKSHL21TM1.5S	5667
AQT-HL-B10848	3/4" Thread, 1.5" Glue	140 - 155	30"	AQT-285 AQT-290	--	10849
AQT-HL-B10849	3/4" Thread, 1.5" Glue	155 - 172	36"	AQT-285 AQT-290	--	10849



AQT-HL-7161



6 LATERALS, LATERAL MOUNTED VALVE - COMMERCIAL/ INDUSTRIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-HL-7160	3/4" Thread, 2" Glue	120 - 141	16"	Lateral Assembly	D7160	--
AQT-HL-B5669	3/4" Thread, 2" Glue	120 - 141	18" - 21"	Lateral Assembly	D7161	5669
AQT-HL-7161	3/4" Thread, 2" Glue	138 - 155	24"	Lateral Assembly	D7161	5670
AQT-HL-7162	3/4" Thread, 2" Glue	138 - 155	30"	Lateral Assembly	D7162	11039
AQT-HL-7163	3/4" Thread, 2" Glue	155 - 175	36"	Lateral Assembly	D7163	11040



AQT-HL-24TM2



8 LATERALS, TOP MOUNTED VALVE - COMMERCIAL/ INDUSTRIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-HL-24TM2	3/4" Thread, 2" Glue	66 - 110	24"	AQT-315	DKSHL24TM2T	--
AQT-HL-30TM2	3/4" Thread, 2" Glue	77 - 121	30"	AQT-315	DKSHL30TM2S	--
AQT-HL-36TM2	3/4" Thread, 2" Glue	88 - 132	36"	AQT-315	DKSHL36TM2S	--
AQT-HL-42TM2	3/4" Thread, 2" Glue	99 - 143	42"	AQT-315	DKSHL42TM2S	--
AQT-HL-48TM2	3/4" Thread, 2" Glue	99 - 143	48"	AQT-315	DKSHL48TM2S	--
AQT-HL-30TM3	3/4" Thread, 3" Glue	77 - 121	30"	AQT-390	DKSHL30TM3S	5672
AQT-HL-36TM3	3/4" Thread, 3" Glue	88 - 132	36"	AQT-390	DKSHL36TM3S	5673
AQT-HL-42TM3	3/4" Thread, 3" Glue	99 - 143	42"	AQT-390	DKSHL42TM3S	5674
AQT-HL-48TM3	3/4" Thread, 3" Glue	99 - 143	48"	AQT-390	DKSHL48TM3S	5675
AQT-HL-63TM3	3/4" Thread, 3" Glue	110 - 154	63"	AQT-390	DKSHL63TM3S	13492



AQT-HL-48TM3



8 LATERALS, LATERAL MOUNTED VALVE - COMMERCIAL/ INDUSTRIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-HL-B5683	¾" Thread, Flange 6" X 3" FNPT	99 - 115	30"	Lateral Assembly	DKSHL30FBM3T	5683
AQT-HL-B5684	¾" Thread, Flange 6" X 3" FNPT	115 - 125	36"	Lateral Assembly	DKSHL36FBM3T	5684
AQT-HL-B5685	¾" Thread, Flange 6" X 3" FNPT	122 - 135	42"	Lateral Assembly	DKSHL42FBM3T	5686
AQT-HL-B5686	¾" Thread, Flange 6" X 3" FNPT	135 - 145	48"	Lateral Assembly	DKSHL48FBM3T	5686
AQT-HL-D63FB	¾" Thread, Flange 6" X 3" FNPT	140 - 155	63"	Lateral Assembly	DKSHL63FBM3T	--



AQT-HL-B5685



16 LATERALS, LATERAL MOUNTED VALVE - COMMERCIAL/ INDUSTRIAL

Part Number	Description	Flow (gpm)	Tank	Valve	Clack	Fleck/ Bayonet
AQT-HL-B11665HF	¾" Thread, Flange 6" X 3" FNPT	229 - 255	48"	Lateral Assembly	DKSHL48FBM3T-HF	11665
AQT-HL-B14248HF	¾" Thread, Flange 6" X 3" FNPT	250 - 280	63"	Lateral Assembly	DKSHL63FBM3T-HF	14248



AQT-HL-B14248HF



IN/OUT TANK HEADS

Part Number	Description	Tank
AQT-TH34-25	AQUATROL TANK HEAD IN/OUT 3/4" NPT 2.5" THREAD	2.5" superior
AQT-TH1-25	AQUATROL TANK HEAD IN/OUT 1" NPT 2.5" THREAD	2.5" superior
AQT-TH2-4	AQUATROL TANK HEAD IN/OUT 2" NPT 4" THREAD	4" superior



AQT-TH34-25 / AQT-TH1-25



AQT-TH2-4

ADAPTORS

Part Number	Description	Fleck/ Bayonet
AQT-TC4	4" THREADED CLOSURE	4821-1
AQT-TC6F	6" FLANGE CLOSURE	10664
AQT-FA-6F3T	FLANGE ADAPTOR 6"F TO 3" THREAD	5267
AQT-FA-6F4T	FLANGE ADAPTOR 6"F TO EXTERIOR 4" THREAD, INTERIOR 3" THREAD	5295
AQT-TA-425	TANK THREAD ADAPTOR 4"T TO 2.5"T	4821-2
AQT-TA-6F4	TANK THREAD ADAPTOR 6" FLANGE TO 4" THREAD	10663
AQT-VB	1" NPT VACCUM BREAKER FOR FRP TANK	--

CAPS



AQT-TC4

AQT-TC6F

FLANGE ADAPTORS



AQT-FA-6F3T / AQT-FA-6F4T

REDUCERS



AQT-TA-425

AQT-TA-6F4

VACUUM BREAKERS



AQT-VB

BRAND



FEATURES AND BENEFITS

- Cost effective reliability.
- Easy handling and installation.
- Standard and tripod bases. NSF / ANSI 44 certified.
- Exceptional performance.
- Durability.

APPLICATIONS

- Residential, Commercial and Industrial
- Water softeners
- Water Filtration
- Demineralizers
- Storage

CONSTRUCTION MATERIALS

Tanks 6" - 36" :	Polyethylene inner liner
Tanks 40" - 63" :	FRP

WARANTY:

Tanks 6" - 13" :	10-year warranty
Tanks 14" - 63" :	5-year warranty

CONNECTIONS TYPES

- 2.5", 4" and 6" Connections
- Upper, Upper and Lower
- Thread and/or Flange

MAXIMUM OPERATING TEMPERATURE:

- 104°F (40°C)

MAXIMUM OPERATING PRESSURE:

- 150 PSI (10 Bar)

TECHNICAL SPECIFICATIONS

- Maximum Pressure: 10.5 Bar (150 PSIG)
 - Maximum Temperature: 120°F (49°C)
 - Minimum Temperature: 34°F (1°C)
 - Maximum Vacuum: 140 mmHg (5.5" Hg)
- DO NOT EXCEED THESE SPECIFICATIONS

SAFETY FACTORS

- 100,000 Cycle Tests No Leak Tests
- Safety Factor: 4:1
- Minimum Failure at 600 psi

AQUATROL™

AT SERIES - Pressure Tanks

Aquatrol™ Tanks offer a reliable and cost-effective alternative for all your light residential and heavy-duty commercial applications. Aquatrol™ Tanks are available in a variety of sizes ranging from 0618 to 6383.

All tanks up to 16" are NSF/ANSI 44 certified. Aquatrol™ proudly offers a 10-year warranty on tanks from 6" to 13" and a 5-year warranty on all tanks from 14" to 63".

Aquatrol™ pressure tanks deliver exceptional performance and durability features while providing cost-saving benefits with their competitive prices. With Aquatrol™, there's truly no need to choose a higher-priced alternative.

* For complete installation and operation instructions, please visit: https://aquatroltech.com/dl/data_sheets/AT-SERIES_DS.pdf



Certified by NSF International against NSF / ANSI Standard 61 for material requirements only

COMPONENT



		SIZE (DIAMETER X HEIGHT)		CHARACTERISTICS		TOTAL VOLUME		CAPACITY (MEDIA)
	Part Number	Inches	Millimeters	Connection	Color	Gallons	Liters	Ft³
6"	AT-0618BL-25T	6 x 18	152 x 457	2.5" T	Blue	1.8	6.8	0.30
7"	AT-0713BL-25T	7 x 13	177 x 330	2.5" T	Blue	1.9	7.2	0.15
	AT-0713BK-25T	7 x 13	177 x 330	2.5" T	Black	1.9	7.2	0.15
	AT-0717BK-25T	7 x 17	177 x 431	2.5" T	Black	2.5	9.5	0.30
	AT-0717BL-25T	7 x 17	177 x 431	2.5" T	Blue	2.5	9.5	0.30
	AT-0735BL-25T	7 x 35	177 x 889	2.5" T	Blue	5.2	19.7	0.50
	AT-0744BL-25T	7 x 44	177 x 1117	2.5" T	Blue	6.4	24.2	0.60
8"	AT-0817BL-25T	8 x 17	203 x 431	2.5" T	Blue	2.9	11.0	0.33
	AT-0835BL-25T	8 x 35	203 x 889	2.5" T	Blue	6.6	25.0	0.55
	AT-0844BL-25T	8 x 44	203 x 1117	2.5" T	Blue	8.7	32.9	0.75
	AT-0844BK-25T	8 x 44	203 x 1117	2.5" T	Black	8.7	32.9	0.75
9"	AT-0935BL-25T	9 x 35	228 x 889	2.5" T	Blue	8.3	31.4	0.80
	AT-0948BL-25T	9 x 48	228 x 1219	2.5" T	Blue	12.7	48.1	1.00
	AT-0948BK-25T	9 x 48	228 x 1219	2.5" T	Black	12.7	48.1	1.00
10"	AT-1017BL-25T	10 x 17	254 x 431	2.5" T	Blue	4.4	16.7	0.50
	AT-1017BK-25T	10 x 17	254 x 431	2.5" T	Black	4.4	16.7	0.50
	AT-1035BK-25T	10 x 35	254 x 889	2.5" T	Black	10.2	38.6	0.75
	AT-1035BL-25T	10 x 35	254 x 889	2.5" T	Blue	10.2	38.6	0.75
	AT-1044BL-25T	10 x 44	254 x 1117	2.5" T	Blue	13.1	49.6	1.00
	AT-1054BK-25T	10 x 54	254 x 1371	2.5" T	Black	16.4	62.1	1.50
	AT-1054BL-25T	10 x 54	254 x 1371	2.5" T	Blue	16.4	62.1	1.50
12"	AT-1248BL-25T	12 x 48	304 x 1219	2.5" T	Blue	21.0	79.5	1.60
	AT-1252BL-25T	12 x 52	304 x 1320	2.5" T	Blue	22.2	84.0	1.75
	AT-1252BK-25T	12 x 52	304 x 1320	2.5" T	Black	22.2	84.0	1.75
	AT-1265BL-25T	12 x 65	304 x 1651	2.5" T	Blue	28.0	106.0	1.85
13"	AT-1354BL-25T	13 x 54	330 x 1371	2.5" T	Blue	27.5	104.1	2.00
	AT-1354BK-25T	13 x 54	330 x 1371	2.5" T	Black	27.5	104.1	2.00
14"	AT-1465BL-25T	14 x 65	355 x 1651	2.5" T	Blue	40.6	153.7	3.00
	AT-1465BK-25T	14 x 65	355 x 1651	2.5" T	Black	40.6	153.7	3.00
	AT-1465BL-4T	14 x 65	355 x 1651	4" T	Blue	40.6	153.7	3.00
16"	AT-1665BL-25T	16 x 65	406 x 1651	2.5" T	Blue	49.0	185.5	4.00
	AT-1665BK-25T	16 x 65	406 x 1651	2.5" T	Black	49.0	185.5	4.00
	AT-1665BL-4T	16 x 65	406 x 1651	4" T	Blue	49.0	185.5	4.00
	AT-1665NA-4T4B	16 x 65	406 x 1651	4" T 4"B	Natural	49.0	185.5	4.00
18"	AT-1865NA-4T	18 x 65	457 x 1651	4" T	Natural	66.7	252.5	5.00
	AT-1865NA-4T4B	18 x 65	457 x 1651	4" T 4"B	Natural	66.7	252.5	5.00
21"	AT-2162NA-4T	21 x 62	533 x 1574	4" T	Natural	88.0	333.1	7.00
	AT-2162NA-4T4B	21 x 62	533 x 1574	4" T 4"B	Natural	88.0	333.1	7.00
24"	AT-2472NA-4T	24 x 72	609 x 1828	4" T	Natural	126.8	479.9	10.00
	AT-2472NA-4T4B	24 x 72	609 x 1828	4" T 4"B	Natural	126.8	479.9	10.00
30"	AT-3072NA-4T	30 x 72	762 x 1828	4" T	Natural	195.5	740.0	15.00
	AT-3072NA-4T4B	30 x 72	762 x 1828	4" T 4"B	Natural	195.5	740.0	15.00
36"	AT-3672NA-4T	36 x 72	914 x 1828	4" T	Natural	283.0	1071.2	20.00
	AT-3672NA-4T4B	36 x 72	914 x 1828	4" T 4"B	Natural	283.0	1071.2	20.00
	AT-3672NA-6T6B	36 x 72	914 x 1828	6" T 6"B	Natural	283.0	1071.2	20.00
	AT-3694NA-6T6B	36 x 94	914 x 2388	6" T 6"B	Natural	318.0	1203.6	30.00
42"	AT-4272NA-6T6B	42 x 72	1066 x 1828	6" T 6"B	Natural	290.6	1099.9	30.00
48"	AT-4872NA-6T6B	48 x 72	1219 x 1828	6" T 6"B	Natural	477.7	1808.1	40.00
	AT-4894NA-6T6B	48 x 94	1219 x 2387	6" T 6"B	Natural	657.1	2487.1	40.00
60"	AT-6094NA-6T6B	60 x 94	1524 x 2387	6" T 6"B	Natural	710.2	2688.1	60.00
	AT-60110NA-6T6B	60 x 110	1524 x 2794	6" T 6"B	Natural	896.2	3392.1	75.00
63"	AT-6370NA-6T6B	63 x 70	1600 x 1778	6" T 6"B	Natural	687.0	2600.3	60.00
	AT-6383NA-6T6B	63 x 83	1600 x 2108	6" T 6"B	Natural	832.3	3150.3	70.00

† The listed resin volume are nominal values and are subject to change based on user preference and experience.

Colors Options : BL - Blue  NA - Natural  BK - Black 

Legend : T= Top Connection B= Bottom Connection

BRAND



CONSTRUCTION MATERIALS

High Durable Polyethylene

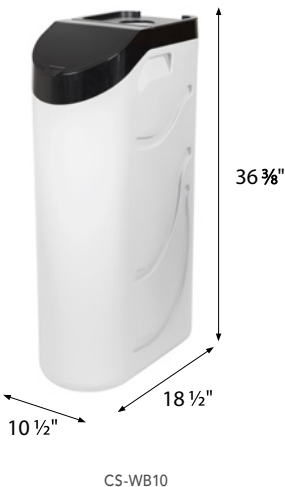
AQUATROL™ BT/CS Series - Brine Tanks

Aquatrol BT/CS Series Brine Tanks are highly durable tanks built to give you years of service without worrying about wear. With their ¼" (6.35mm)* wall thickness, Aquatrol Brine Tanks will not warp or crack easily, providing you with a high performance tank.



AQUATROL TANKS - BRINE

Part Number	Volume	Description	Color
BT-1633-100S	100L	AQUATROL 16"X16"X33", 100L BRINE WATER TANK COMPLETE, BLACK, SQUARE	Black
BT-1833-100	100L	AQUATROL 1833, 100L BRINE WATER TANK COMPLETE, BLACK, ROUND	Black
BT-1840-145	145L	AQUATROL 1840, 145L BRINE WATER TANK COMPLETE, BLACK,ROUND	Black
BT-2450-350	350L	AQUATROL 350L BRINE TANKE COMPLETE, WHITE	Natural
BT-3050-500	500L	AQUATROL 500L BRINE TANKE COMPLETE, WHITE	Natural
BT-3948-1000	1000L	AQUATROL 1000L BRINE TANKE COMPLETE	Natural
BT-4260-1500	1500L	AQUATROL 1500L BRINE TANKE COMPLETE	Natural
BT-5060-2000	2000L	AQUATROL 2000L BRINE TANKE COMPLETE	Natural



TANK CABINET

Part Number	Description	Color
100L CS-WB10	AQUATROL SOFTENER BRINE CABINET, WH/BLK, 100L COMPLETE	Black/ White

INCLUDES:

- 10" x 35" Aquatrol Tank
- Float and Check Valve



AQUATROL™ Manual Filtration Systems - AQT-MFV-1

FEATURES

Service	19 gpm	Material	Noryl
Backwash	19 gpm	Distributor	1.05" OD
Connections	1"	Filter	6" - 12"
Drain	1"	Pressure	14 - 87 psi
Base	2.5" 8 NPSM	Temperature	41 - 113 °F

MANUAL FILTERS - SELECTION TABLE BASED ON MEDIA FILTRATION FACTORS - AQUATROL™ AQT-MFV-34 AND AQT-MFV-1 MANUAL VALVE

Part Number	Valve	Filter Media	Tank	Volume (ft ³)
FS-ZX55-MFV34-0844	AQT-MFV-34	Zeolite ZX-55	8" x 44"	.075
FS-ZX55-MFV34-0948	AQT-MFV-34	Zeolite ZX-55	9" x 48"	1
FS-ZX55-MFV34-1054	AQT-MFV-34	Zeolite ZX-55	10" x 54"	1.5
FS-GAC-MFV34-0844	AQT-MFV-34	GAC	8" x 44"	.75
FS-GAC-MFV34-0948	AQT-MFV-34	GAC	9" x 48"	1
FS-GAC-MFV34-1054	AQT-MFV-34	GAC	10" x 54"	1.5
FS-ZX55-MFV1-0844	AQT-MFV-1	Zeolite ZX-55	8" x 44"	.75
FS-ZX55-MFV1-0948	AQT-MFV-1	Zeolite ZX-55	9" x 48"	1
FS-ZX55-MFV1-1054	AQT-MFV-1	Zeolite ZX-55	10" x 54"	1.5
FS-ZX55-MFV1-1252	AQT-MFV-1	Zeolite ZX-55	12" x 52"	2
FS-ZX55-MFV1-1354	AQT-MFV-1	Zeolite ZX-55	13" x 54"	2.5
FS-GAC-MFV1-0844	AQT-MFV-1	GAC	8" x 44"	.75
FS-GAC-MFV1-0948	AQT-MFV-1	GAC	9" x 48"	1
FS-GAC-MFV1-1054	AQT-MFV-1	GAC	10" x 54"	1.5
FS-GAC-MFV1-1252	AQT-MFV-1	GAC	12" x 52"	2
FS-GAC-MFV1-1354	AQT-MFV-1	GAC	13" x 54"	2.5

Important Note. The values of flow rates and characteristics of the filter media are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or special amounts of suspended solids, COD or BOD, laboratory tests are recommended to check the performance of the filter media. DLFCs must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.



AQUATROL™

Manual Filtration Systems -
AQT-MFV-2

Features

Service	44 gpm	Material	Noryl
Backwash	44 gpm	Distributor	1.96" OD
Connections	2"	Filter	14" - 24"
Drain	1 1/2"	Pressure	14 - 87 psi
Base	4" 8 UN	Temperature	41 - 113 °F



MANUAL FILTERS - SELECTION TABLE BASED ON MEDIA FILTRATION FACTORS - AQUATROL™ AQT-MFV-2 MANUAL VALVE

Part Number	Valve	Filter Media	Tank	Volume (ft³)
FS-ZX55-MFV2-1465	AQT-MFV-2	Zeolite ZX-55	14" x 65"	3
FS-ZX55-MFV2-1665	AQT-MFV-2	Zeolite ZX-55	16" x 65"	4
FS-ZX55-MFV2-1865	AQT-MFV-2	Zeolite ZX-55	18" x 65"	5
FS-ZX55-MFV2-2162	AQT-MFV-2	Zeolite ZX-55	21" x 62"	7
FS-ZX55-MFV2-2472	AQT-MFV-2	Zeolite ZX-55	24" x 72"	10
FS-GAC-MFV2-1465	AQT-MFV-2	GAC	14" x 65"	3
FS-GAC-MFV2-1665	AQT-MFV-2	GAC	16" x 65"	4
FS-GAC-MFV2-1865	AQT-MFV-2	GAC	18" x 65"	5
FS-GAC-MFV2-2162	AQT-MFV-2	GAC	21" x 62"	7
FS-GAC-MFV2-2472	AQT-MFV-2	GAC	24" x 72"	10
FS-KLX-MFV200-1465A	AQT-MFV-2	Katalox	14" x 65"	3
FS-KLX-MFV200-1665A	AQT-MFV-2	Katalox	16" x 65"	4
FS-KLX-MFV200-1865B	AQT-MFV-2	Katalox	18" x 65"	5
FS-KLX-MFV200-2162B	AQT-MFV-2	Katalox	21" x 62"	7
FS-KLX-MFV200-2472B	AQT-MFV-2	Katalox	24" x 72"	10

Important Note. The values of flow rates and characteristics of the filter media are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or special amounts of suspended solids, COD or BOD, laboratory tests are recommended to check the performance of the filter media. DLFCs must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.

GAC FILTRATION SYSTEMS

AQT-56FT, AQT-275FT, AQT-285FT,
AQT-290FT, AQT-315FT & AQT-390FT

GAC FILTERS - SELECTION TABLE BASED ON FILTRATION FACTORS

Part Number	Valve	Tank Size	GAC (ft ³)	SERVICE gpm		BACKWASH gpm	
				5 gpm/ft ²	10 gpm/ft ²	10 gpm/ft ²	12 gpm/ft ²
FS-GAC-56FT-0844	AQT-56FT	8" x 44"	0.75	1.7	3.5	3.5	4.2
FS-GAC-56FT-0948	AQT-56FT	9" x 48"	1	2.2	4.4	4.4	5.3
FS-GAC-56FT-1054	AQT-56FT	10" x 54"	1.5	2.7	5.5	5.5	6.5
FS-GAC-56FT-1252	AQT-56FT	12" x 52"	1.75	3.9	7.9	7.9	9.4
FS-GAC-56FT-1354	AQT-275FT	10" x 54"	1.5	2.7	5.5	5.5	6.5
FS-GAC-275FT-1054	AQT-275FT	12" x 52"	1.75	3.9	7.9	7.9	9.4
FS-GAC-275FT-1252	AQT-275FT	13" x 54"	2	4.6	9.2	9.2	11.1
FS-GAC-275FT-1354	AQT-275FT	14" x 65"	3	5.3	10.7	10.7	12.8
FS-GAC-275FT-1465	AQT-275FT	16" x 65"	4	7	14	14	16.8
FS-GAC-275FT-1665	AQT-275FT	18" x 65"	5	8.8	17.7	17.7	21.2
FS-GAC-275FT-1865	AQT-285FT	14" x 65"	3	5.3	10.7	10.7	12.8
FS-GAC-285FT-1465	AQT-285FT	16" x 65"	4	7	14	14	16.8
FS-GAC-285FT-1665	AQT-285FT	18" x 65"	5	8.8	17.7	17.7	21.2
FS-GAC-285FT-1865	AQT-285FT	21" x 62"	7	12	24.1	24.1	28.9
FS-GAC-285FT-2162	AQT-285FT	24" x 72"	10	15.7	31.4	31.4	37.7
FS-GAC-285FT-2472	AQT-290FT	14" x 65"	3	5.3	10.7	10.7	12.8
FS-GAC-290FT-1465	AQT-290FT	16" x 65"	4	7	14	14	16.8
FS-GAC-290FT-1665	AQT-290FT	18" x 65"	5	8.8	17.7	17.7	21.2
FS-GAC-290FT-1865	AQT-315FT	21" x 62"	7	12	24.1	24.1	28.9
FS-GAC-315FT-2162	AQT-315FT	24" x 72"	10	15.7	31.4	31.4	37.7
FS-GAC-315FT-2472	AQT-315FT	30" x 72"	15	24.5	49.1	49.1	58.9
FS-GAC-315FT-3072	AQT-315FT	36" x 72"	20	35.5	70.7	70.7	84.8
FS-GAC-315FT-3672	AQT-315FT	36" x 72"	20	35.5	70.7	70.7	84.8
FS-GAC-315FT-4272	AQT-315FT	42" x 72"	30	48.1	96.2	96.2	115.5
FS-GAC-390FT-3672	AQT-390FT	36" x 72"	20	35.3	70.7	70.7	84.8
FS-GAC-390FT-4272	AQT-390FT	42" x 72"	30	48.1	96.2	96.2	115.5
FS-GAC-390FT-4872	AQT-390FT	48" x 72"	40	62.8	125.7	125.7	150.8



FEATURES

Filter Media	AQUATROL™ - Activated Carbon MED-GCS-1240 / MED-GCS-830
Filtration Factor	5 - 10 gpm/ft ²
Backwash Factor	10 - 12 gpm/ft ²
Iodine Value	1050 (min)
Mesh	8 x 30 and 12 x 40
NSF	Standard 61
Density	28 lb/ft ³

AQUATROL™ VALVES - SPECIFICATION TABLE

Valves	Inlet	Drain	Service (gpm)	Máx. Serv.	Backwash (gpm)	Distributor	Base	Voltage	Max Working Pressure	Max. hydrostatic pressure	Temp. °F
AQT-56FT	3/4" - 1"	1/2"	20	26	7	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-275FT	1"	3/4"	26	33	25	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-285FT	1.5"	1"	51	66	49	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-290FT	2"	3/4"	106	140	25	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-315FT	2"	2"	95	124	105	2.49" OD (2" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-390FT	3"	2"	250	325	100	3.5" OD (3" sch 40)	6" Flange	24V/60Hz	120 psi	300	34 - 113

Note Important. The flow rates and characteristics of Aquatrol carbon are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or special amounts of suspended solids, COD or BOD, laboratory tests are recommended to check the performance of the filter media. For more information, contact your supplier. DLFC must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.

ZEOLITE ZX-55 FILTERS



AQUATROL™ - ZX-55 FILTER SYSTEMS

AQT-56FT, AQT-275FT, AQT-285FT,
AQT-290FT, AQT-315FT & AQT-390FT

ZX-55 FILTERS - SELECTION TABLE BASED ON FILTRATION FACTORS

Part Number	Valve	Tank Size	ZX-55 (ft³)	SERVICE gpm		BACKWASH gpm	
				10 gpm/ft²	20 gpm/ft²	14 gpm/ft²	18 gpm/ft²
FS-ZX55-56FT-0844	AQT-56FT	8" x 44"	0.75	3.5	7.0	4.9	6.3
FS-ZX55-56FT-0948	AQT-56FT	9" x 48"	1	4.4	8.8	6.2	8.0
FS-ZX55-56FT-1054	AQT-56FT	10" x 54"	1.5	5.5	10.9	7.6	9.8
FS-ZX55-56FT-1252	AQT-56FT	12" x 52"	1.75	7.9	15.7	11.0	14.1
FS-ZX55-56FT-1354	AQT-56FT	13" x 54"	2	9.2	18.4	12.9	16.6
FS-ZX55-275FT-1054	AQT-275FT	10" x 54"	2	9.2	18.4	12.9	16.6
FS-ZX55-275FT-1252	AQT-275FT	12" x 52"	1.75	7.9	15.7	11.0	14.1
FS-ZX55-275FT-1354	AQT-275FT	13" x 54"	2	9.2	18.4	12.9	16.6
FS-ZX55-275FT-1465	AQT-275FT	14" x 65"	3	10.7	21.4	15.0	19.2
FS-ZX55-275FT-1665	AQT-275FT	16" x 65"	4	14.0	27.9	19.5	25.1
FS-ZX55-275FT-1865	AQT-275FT	18" x 65"	5	17.7	35.3	24.7	31.8
FS-ZX55-285FT-1465	AQT-285FT	14" x 65"	3	10.7	21.4	15.0	19.2
FS-ZX55-285FT-1665	AQT-285FT	16" x 65"	4	14.0	27.9	19.5	25.1
FS-ZX55-285FT-1865	AQT-285FT	18" x 65"	5	17.7	35.3	24.7	31.8
FS-ZX55-285FT-2162	AQT-285FT	21" x 62"	7	24.1	48.1	33.7	43.3
FS-ZX55-285FT-2472	AQT-285FT	24" x 72"	10	31.4	62.8	44.0	56.5
FS-ZX55-290FT-1465	AQT-290FT	14" x 65"	3	10.7	21.4	15.0	19.2
FS-ZX55-290FT-1665	AQT-290FT	16" x 65"	4	14.0	27.9	19.5	25.1
FS-ZX55-290FT-1865	AQT-290FT	18" x 65"	5	17.7	35.3	24.7	31.8
FS-ZX55-315FT-2162	AQT-315FT	21" x 62"	7	24.1	48.1	33.7	43.3
FS-ZX55-315FT-2472	AQT-315FT	24" x 72"	10	31.4	62.8	44.0	56.5
FS-ZX55-315FT-3072	AQT-315FT	30" x 72"	15	49.1	98.2	68.7	88.4
FS-ZX55-315FT-3672	AQT-315FT	36" x 72"	20	70.7	141.4	99.0	127.2
FS-ZX55-315FT-4272	AQT-315FT	42" x 72"	30	48.1	96.2	96.2	115.5
FS-ZX55-390FT-3672	AQT-390FT	36" x 72"	20	70.7	141.4	99.0	127.2
FS-ZX55-390FT-4272	AQT-390FT	42" x 72"	30	48.1	96.2	96.2	115.5
FS-ZX55-390FT-4872	AQT-390FT	48" x 72"	40	62.8	125.7	125.7	150.8



FEATURES

Filter Media	AQUATROL™ - Zeolite ZX-55
Filtration Factor	10 - 20 gpm/ft²
Backwash Factor	14 - 18 gpm/ft²
Micron Efficiency	3 - 5 microns
Mesh	12 x20
NSF	Standard 61
Density	48 lb/ft³

AQUATROL™ VALVES - SPECIFICATION TABLE

Valves	Inlet	Drain	Service (gpm)	Máx. Serv.	Backwash (gpm)	Distributor	Base	Voltage	Max Working Pressure	Max. hydrostatic pressure	Temp. °F
AQT-56FT	3/4" - 1"	1/2"	20	26	7	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-275FT	1"	3/4"	26	33	25	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-285FT	1.5"	1"	51	66	49	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-290FT	2"	3/4"	106	140	25	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-315FT	2"	2"	95	124	105	2.49" OD (2" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-390FT	3"	2"	250	325	100	3.5" OD (3" sch 40)	6" Flange	24V/60Hz	120 psi	300	34 - 113

Important Note. The flow rates and characteristics of the ZX-55 are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or amounts of suspended solids, please contact your supplier for more information. DLFC must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for informational purposes only and is not responsible for misuse or selection of internal parts.

KATALOX LIGHT™ FILTRATION SYSTEMS

AQT-56FT, AQT-275FT, AQT-285FT,
AQT-290FT, AQT-315FT & AQT-390FT

KATALOX LIGHT™ FILTERS - SELECTION CHART BASED ON FILTRATION FACTORS.

Part Number	Valve	Tank Size	KATALOX LIGHT™ (ft³)	SERVICE gpm		BACKWASH gpm	
				4 gpm/ft²	8 gpm/ft²	10 gpm/ft²	12 gpm/ft²
FS-KLX-056TME-0844A	AQT-56FT	8" x 44"	0.75	1.40	2.79	3.49	4.19
FS-KLX-056TME-0948A	AQT-56FT	9" x 48"	1.0	1.77	3.53	4.42	5.30
FS-KLX-056TME-1054A	AQT-56FT	10" x 54"	1.5	2.18	4.36	5.45	6.54
FS-KLX-275TME-1054A	AQT-275FT	10" x 54"	1.5	2.18	4.36	5.45	6.54
FS-KLX-275TME-1252A	AQT-275FT	12" x 52"	2	3.14	6.28	7.85	9.42
FS-KLX-275TME-1354A	AQT-275FT	13" x 54"	2.5	3.69	7.37	9.22	11.06
FS-KLX-275TME-1465A	AQT-275FT	14" x 65"	3	4.28	8.55	10.69	12.83
FS-KLX-275TME-1665A	AQT-275FT	16" x 65"	4	5.59	11.17	13.96	16.76
FS-KLX-275TME-1865B	AQT-275FT	18" x 65"	5	7.07	14.14	17.67	21.21
FS-KLX-285TME-1465A	AQT-285FT	14" x 65"	3	4.28	8.55	10.69	12.83
FS-KLX-285TME-1665A	AQT-285FT	16" x 65"	4	5.59	11.17	13.96	16.76
FS-KLX-285TME-1865B	AQT-285FT	18" x 65"	5	7.07	14.14	17.67	21.21
FS-KLX-285TME-2162B	AQT-285FT	21" x 62"	7	9.62	19.24	24.05	28.86
FS-KLX-285TME-2472B	AQT-285FT	24" x 72"	10	12.57	25.13	31.42	37.70
FS-KLX-290TME-1465A	AQT-290FT	14" x 65"	3	4.28	8.55	10.69	12.83
FS-KLX-290TME-1665A	AQT-290FT	16" x 65"	4	5.59	11.17	13.96	16.76
FS-KLX-290TME-1865B	AQT-290FT	18" x 65"	5	7.07	14.14	17.67	21.21
FS-KLX-315TME-2162B	AQT-315FT	21" x 62"	7	9.62	19.24	24.05	28.86
FS-KLX-315TME-2472B	AQT-315FT	24" x 72"	10	12.57	25.13	31.42	37.70
FS-KLX-315TME-3072B	AQT-315FT	30" x 72"	15	19.63	39.27	49.09	58.90
FS-KLX-315TME-3672B	AQT-315FT	36" x 72"	20	28.27	56.55	70.69	84.82
FS-KLX-315TME-3672D	AQT-315FT	36" x 72"	20	28.27	56.55	70.69	84.82
FS-KLX-390TME-3672D	AQT-390FT	36" x 72"	20	28.27	56.55	70.69	84.82



FEATURES

Filter Media	Katalox Light™
Filtration Factor	4-8 gpm/ft²
Backwash Factor	10-12 gpm/ft²
Size	0.6 - 1.4 mm
Mesh	14 x 30
NSF	Standard 61
Density	66 lbs/ft³

AQUATROL™ VALVES - SPECIFICATION TABLE

Valves	Inlet	Drain	Service (gpm)	Máx. Serv.	Backwash (gpm)	Distributor	Base	Voltage	Max Working Pressure	Max. hydrostatic pressure	Temp. °F
AQT-56FT	3/4" - 1"	1/2"	20	26	7	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-275FT	1"	3/4"	26	33	25	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-285FT	1.5"	1"	51	66	49	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-290FT	2"	3/4"	106	140	25	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-315FT	2"	2"	95	124	105	2.49" OD (2" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-390FT	3"	2"	250	325	100	3.5" OD (3" sch 40)	6" Flange	24V/60Hz	120 psi	300	34 - 113

Important Note. The Katalox Light™ flow rates and characteristics are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For the removal of Iron, Manganese and Sulfides, anion and cation analysis is recommended. For waters with special characteristics or special amounts of suspended solids, COD or BOD, it is recommended to perform laboratory tests to see the performance of the filter media. For more information, contact your supplier. DLFC must be verified by the customer and/or installer to meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.



GAC FILTRATION SYSTEMS

AQT-580FT-XT & AQT-581FT-XT

GAC DIGITAL XT FILTERS - SELECTION BASED ON FILTER FACTORS

Part Number	Valve	Tank Size	GAC (ft ³)	SERVICE gpm		BACKWASH gpm	
				5 gpm/ft ²	10 gpm/ft ²	10 gpm/ft ²	12 gpm/ft ²
FS-GAC-580FT-XT-1054	AQT-580FT-XT12	10" x 54"	1.5	3	5	5	7
FS-GAC-580FT-XT-1252	AQT-580FT-XT12	12" x 52"	1.75	4	8	8	9
FS-GAC-580FT-XT-1354	AQT-580FT-XT12	13" x 54"	2	5	9	9	11
FS-GAC-580FT-XT-1465	AQT-580FT-XT12	14" x 54"	3	5	11	11	13
FS-GAC-580FT-XT-1665	AQT-580FT-XT12	16" x 65"	4	7	14	14	17
FS-GAC-581FT-XT-1465	AQT-581FT-XT15	14" x 54"	3	5	11	11	13
FS-GAC-581FT-XT-1665	AQT-581FT-XT15	16" x 65"	4	7	14	14	17
FS-GAC-581FT-XT-1865	AQT-581FT-XT15	18" x 65"	5	9	18	18	21
FS-GAC-581FT-XT-2172	AQT-581FT-XT15	21" x 62"	7	12	24	24	29
FS-GAC-581FT-XT-2472	AQT-581FT-XT15	24" x 72"	10	16	31	31	38



FEATURES

Filter Media	AQUATROL™ - Activated Carbon MED-GCS-1240 / MED-GCS-830
Filtration Factor	5 - 10 gpm/ft ²
Backwash Factor	10 - 12 gpm/ft ²
Iodine Value	1050 (min)
Mesh	8 x 30 & 12 x 40
NSF	Standard 61
Density	28 lb/ft ³

Important Note. The flow values and characteristics of Aquatrol carbon are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or special amounts of suspended solids, COD or BOD, laboratory tests are recommended to check the performance of the filter media, contact your supplier for more information. DLFCs must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.

GAC FILTRATION SYSTEMS

AQT-56SE-FT, AQT-275F-NX, AQT-285F-NX,
AQT-290F-NX, AQT-315F-NX & AQT-390F-NX

SE/NX DIGITAL GAC FILTERS - SELECTION ON THE BASIS OF FILTRATION FACTORS

Part Number	Valve	Tank Size	GAC (ft³)	SERVICE gpm		BACKWASH gpm	
				5 gpm/ft²	10 gpm/ft²	10 gpm/ft²	12 gpm/ft²
FS-GAC-56FT-SE-0844	AQT-56SE-FT	8" x 44"	0.75	1.7	3.5	3.5	4.2
FS-GAC-56FT-SE-0948	AQT-56SE-FT	9" x 48"	1	2.2	4.4	4.4	5.3
FS-GAC-56FT-SE-1054	AQT-56SE-FT	10" x 54"	1.5	2.7	5.5	5.5	6.5
FS-GAC-56FT-SE-1252	AQT-56SE-FT	12" x 52"	1.75	3.9	7.9	7.9	9.4
FS-GAC-56FT-SE-1354	AQT-275F-NX	10" x 54"	1.5	2.7	5.5	5.5	6.5
FS-GAC-275FT-NX-1054	AQT-275F-NX	12" x 52"	1.75	3.9	7.9	7.9	9.4
FS-GAC-275FT-NX-1252	AQT-275F-NX	13" x 54"	2	4.6	9.2	9.2	11.1
FS-GAC-275FT-NX-1354	AQT-275F-NX	14" x 65"	3	5.3	10.7	10.7	12.8
FS-GAC-275FT-NX-1465	AQT-275F-NX	16" x 65"	4	7	14	14	16.8
FS-GAC-275FT-NX-1665	AQT-275F-NX	18" x 65"	5	8.8	17.7	17.7	21.2
FS-GAC-275FT-NX-1865	AQT-285F-NX	14" x 65"	3	5.3	10.7	10.7	12.8
FS-GAC-285FT-NX-1465	AQT-285F-NX	16" x 65"	4	7	14	14	16.8
FS-GAC-285FT-NX-1665	AQT-285F-NX	18" x 65"	5	8.8	17.7	17.7	21.2
FS-GAC-285FT-NX-1865	AQT-285F-NX	21" x 62"	7	12	24.1	24.1	28.9
FS-GAC-285FT-NX-2162	AQT-285F-NX	24" x 72"	10	15.7	31.4	31.4	37.7
FS-GAC-285FT-NX-2472	AQT-290F-NX	14" x 65"	3	5.3	10.7	10.7	12.8
FS-GAC-290FT-NX-1465	AQT-290F-NX	16" x 65"	4	7	14	14	16.8
FS-GAC-290FT-NX-1665	AQT-290F-NX	18" x 65"	5	8.8	17.7	17.7	21.2
FS-GAC-290FT-NX-1865	AQT-315F-NX	21" x 62"	7	12	24.1	24.1	28.9
FS-GAC-315FT-NX-2162	AQT-315F-NX	24" x 72"	10	15.7	31.4	31.4	37.7
FS-GAC-315FT-NX-2472	AQT-315F-NX	30" x 72"	15	24.5	49.1	49.1	58.9
FS-GAC-315FT-NX-3072	AQT-315F-NX	36" x 72"	20	35.5	70.7	70.7	84.8
FS-GAC-315FT-NX-3672	AQT-315F-NX	36" x 72"	20	35.5	70.7	70.7	84.8
FS-GAC-315FT-NX-4272	AQT-315F-NX	42" x 72"	30	48.1	96.2	96.2	115.5
FS-GAC-390FT-NX-3672	AQT-390F-NX	36" x 72"	20	35.3	70.7	70.7	84.8
FS-GAC-390FT-NX-4272	AQT-390F-NX	42" x 72"	30	48.1	96.2	96.2	115.5
FS-GAC-390FT-NX-4872	AQT-390F-NX	48" x 72"	40	62.8	125.7	125.7	150.8



FEATURES

Filter Media	AQUATROL™ - Activated Carbon MED-GCS-1240 / MED-GCS-830
Filter Factor	5 - 10 gpm/ft²
Backwash Factor	10 - 12 gpm/ft²
Iodine Value	1050 (min)
Mesh	8 x 30 & 12 x 40
NSF	Standard 61
Density	28 lb/ft³

AQUATROL™ VALVES - SPECIFICATION TABLE

Valves	Inlet	Drain	Service (gpm)	Máx. Serv.	Backwash (gpm)	Distributor	Base	Voltage	Max Working Pressure	Max. hydrostatic pressure	Temp. °F
AQT-56FT	3/4" - 1"	1/2"	20	26	7	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-275FT	1"	3/4"	26	33	25	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-285FT	1.5"	1"	51	66	49	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-290FT	2"	3/4"	106	140	25	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-315FT	2"	2"	95	124	105	2.49" OD (2" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-390FT	3"	2"	250	325	100	3.5" OD (3" sch 40)	6" Flange	24V/60Hz	120 psi	300	34 - 113

Important Note. The flow values and characteristics of Aquatrol carbon are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or special amounts of suspended solids, COD or BOD, laboratory tests are recommended to check the performance of the filter media, contact your supplier for more information. DLFCs must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for informational purposes only and is not responsible for misuse or selection of internal parts.



FEATURES

Filter Media	AQUATROL™ - Zeolite ZX-55
Filtration Factor	10 - 20 gpm/ft ²
Backwash Factor	14 - 18 gpm/ft ²
Micron Efficiency	3 - 5 Microns
Mesh	12 x 20
NSF	Standard 61
Density	48 lb/ft ³

AQUATROL™ - ZX-55 FILTRATION SYSTEMS

AQT-580FT-XT & AQT-581FT-XT

ZX-55 DIGITAL XT FILTERS - SELECTION BASED ON FILTER FACTORS

Part Number	Valve	Tank Size	ZX-55 (ft ³)	SERVICE gpm		BACKWASH gpm	
				10 gpm/ft ²	15 gpm/ft ²	12 gpm/ft ²	15 gpm/ft ²
FS-ZX55-580FT-XT-1054A	AQT-580FT-XT12	10" x 54"	1.5	5	8	7	8
FS-ZX55-580FT-XT-1252A	AQT-580FT-XT12	12" x 52"	1.75	8	12	9	12
FS-ZX55-580FT-XT-1354A	AQT-580FT-XT12	13" x 54"	2	9	14	11	14
FS-ZX55-580FT-XT-1465A	AQT-580FT-XT12	14" x 54"	3	11	16	13	16
FS-ZX55-580FT-XT-1665A	AQT-580FT-XT12	16" x 65"	4	14	21	17	21
FS-ZX55-581FT-XT-1465B	AQT-581FT-XT15	14" x 54"	3	11	16	13	16
FS-ZX55-581FT-XT-1665B	AQT-581FT-XT15	16" x 65"	4	14	21	17	21
FS-ZX55-581FT-XT-1865B	AQT-581FT-XT15	18" x 65"	5	18	27	21	27
FS-ZX55-581FT-XT-2172B	AQT-581FT-XT15	21" x 62"	7	24	36	29	36
FS-ZX55-581FT-XT-2472B	AQT-581FT-XT15	24" x 72"	10	31	44	38	47

Important Note. The flow rates and characteristics of the ZX-55 are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or amounts of suspended solids, please contact your supplier for more information. DLFC must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for informational purposes only and is not responsible for misuse or selection of internal parts.

AQUATROL™ - ZX-55 FILTRATION SYSTEMS

AQT-56SE-FT, AQT-275F-NX, AQT-285F-NX,
AQT-290F-NX, AQT-315F-NX & AQT-390F-NX

SE/NX DIGITAL ZX-55 FILTERS - SELECTION BASED ON FILTRATION FACTORS

Part Number	Valve	Tank Size	ZX-55 (ft³)	SERVICE gpm		BACKWASH gpm	
				10 gpm/ft²	20 gpm/ft²	14 gpm/ft²	18 gpm/ft²
FS-ZX55-56SE-0844	AQT-56SE-FT	8" x 44"	0.75	1.7	3.5	3.5	4.2
FS-ZX55-56SE-0948	AQT-56SE-FT	9" x 48"	1	2.2	4.4	4.4	5.3
FS-ZX55-56SE-1054	AQT-56SE-FT	10" x 54"	1.5	2.7	5.5	5.5	6.5
FS-ZX55-56SE-1252	AQT-56SE-FT	12" x 52"	1.75	3.9	7.9	7.9	9.4
FS-ZX55-56SE-1354	AQT-56SE-FT	13" x 54"	2	4.6	9.2	9.2	11.1
FS-ZX55-275FT-NX-1054	AQT-275F-NX	10" x 54"	1.5	2.7	5.5	5.5	6.5
FS-ZX55-275FT-NX-1252	AQT-275F-NX	12" x 52"	1.75	3.9	7.9	7.9	9.4
FS-ZX55-275FT-NX-1354	AQT-275F-NX	13" x 54"	2	4.6	9.2	9.2	11.1
FS-ZX55-275FT-NX-1465	AQT-275F-NX	14" x 65"	3	5.3	10.7	10.7	12.8
FS-ZX55-275FT-NX-1665	AQT-275F-NX	16" x 65"	4	7	14	14	16.8
FS-ZX55-275FT-NX-1865	AQT-275F-NX	18" x 65"	5	8.8	17.7	17.7	21.2
FS-ZX55-285FT-NX-1465	AQT-285F-NX	14" x 65"	3	5.3	10.7	10.7	12.8
FS-ZX55-285FT-NX-1665	AQT-285F-NX	16" x 65"	4	7	14	14	16.8
FS-ZX55-285FT-NX-1865	AQT-285F-NX	18" x 65"	5	8.8	17.7	17.7	21.2
FS-ZX55-285FT-NX-2162	AQT-285F-NX	21" x 62"	7	12	24.1	24.1	28.9
FS-ZX55-285FT-NX-2472	AQT-285F-NX	24" x 72"	10	15.7	31.4	31.4	37.7
FS-ZX55-290FT-NX-1465	AQT-290F-NX	14" x 65"	3	5.3	10.7	10.7	12.8
FS-ZX55-290FT-NX-1665	AQT-290F-NX	16" x 65"	4	7	14	14	16.8
FS-ZX55-290FT-NX-1865	AQT-290F-NX	18" x 65"	5	8.8	17.7	17.7	21.2
FS-ZX55-315FT-NX-2162	AQT-315F-NX	21" x 62"	7	12	24.1	24.1	28.9
FS-ZX55-315FT-NX-2472	AQT-315F-NX	24" x 72"	10	15.7	31.4	31.4	37.7
FS-ZX55-315FT-NX-3072	AQT-315F-NX	30" x 72"	15	24.5	49.1	49.1	58.9
FS-ZX55-315FT-NX-3672	AQT-315F-NX	36" x 72"	20	35.5	70.7	70.7	84.8
FS-ZX55-315FT-NX-4272	AQT-315F-NX	42" x 72"	30	48.1	96.2	96.2	115.5
FS-ZX55-390FT-NX-3672	AQT-390F-NX	36" x 72"	20	35.3	70.7	70.7	84.8
FS-ZX55-390FT-NX-4272	AQT-390F-NX	42" x 72"	30	48.1	96.2	96.2	115.5
FS-ZX55-390FT-NX-4872	AQT-390F-NX	48" x 72"	40	62.8	125.7	125.7	150.8



FEATURES

Filter Media	AQUATROL™ - Zeolite ZX-55
Filtration Factor	10 - 20 gpm/ft²
Backwash Factor	14 - 18 gpm/ft²
Micron Efficiency	3 - 5 Microns
Mesh	16 x 30
NSF	Standard 61
Density	48 lb/ ft³

AQUATROL™ VALVES - SPECIFICATION TABLE

Valves	Inlet	Drain	Service (gpm)	Máx. Serv.	Backwash (gpm)	Distributor	Base	Voltage	Max Working Pressure	Max. hydrostatic pressure	Temp. °F
AQT-56FT	3/4" - 1"	1/2"	20	26	7	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-275FT	1"	3/4"	26	33	25	1.05" OD (3/4" sch 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-285FT	1.5"	1"	51	66	49	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-290FT	2"	3/4"	106	140	25	1.96" OD (1.5" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-315FT	2"	2"	95	124	105	2.49" OD (2" sch 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-390FT	3"	2"	250	325	100	3.5" OD (3" sch 40)	6" Flange	24V/60Hz	120 psi	300	34 - 113

Important Note. The flow rates and characteristics of the ZX-55 are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For waters with special characteristics or amounts of suspended solids, please contact your supplier for more information. DLFC must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for informational purposes only and is not responsible for misuse or selection of internal parts.



FEATURES

Filter Media	Katalox Light™
Filtration Factor	4-8 gpm/ft ²
Backwash Factor	10-12 gpm/ft ²
Size	0.6 - 1.4 mm
Mesh	14 x 30
NSF	Standard 61
Density	66 lbs/ ft ³

KATALOX LIGHT™ FILTRATION SYSTEMS

AQT-56SE-FT, AQT-275F-NX, AQT-285F-NX,
AQT-290F-NX, AQT-315F-NX & AQT-390F-NX

KATALOX LIGHT™ FILTERS - SELECTION BASED ON FILTRATION FACTORS

Part Number	Valve	Tank Size	KATALOX LIGHT (ft ³)	SERVICE gpm		BACKWASH gpm	
				5 gpm/ft ²	10 gpm/ft ²	10 gpm/ft ²	12 gpm/ft ²
FS-IRON-56FT-SE-0844	AQT-56SE-FT	8" x 44"	0.75	1.4	2.79	3.49	4.19
FS-IRON-56FT-SE-0948	AQT-56SE-FT	9" x 48"	1	1.77	3.53	4.42	5.30
FS-IRON-56FT-SE-1054	AQT-56SE-FT	10" x 54"	1.5	2.18	4.36	5.45	6.54
FS-IRON-275FT-NX-1252	AQT-275F-NX	12" x 52"	2	3.14	6.28	7.85	9.42
FS-IRON-275FT-NX-1354	AQT-275F-NX	13" x 54"	2.5	3.69	7.37	9.22	11.06
FS-IRON-275FT-NX-1465	AQT-275F-NX	14" x 65"	3	4.28	8.55	10.69	12.83
FS-IRON-275FT-NX-1665	AQT-275F-NX	16" x 65"	4	5.59	11.17	13.96	16.76
FS-IRON-275FT-NX-1865	AQT-275F-NX	18" x 65"	5	7.07	14.14	17.67	21.21
FS-IRON-285FT-NX-1465	AQT-275F-NX	14" x 65"	3	4.28	8.55	10.69	12.83
FS-IRON-285FT-NX-1665	AQT-285F-NX	16" x 65"	4	5.59	11.17	13.96	16.76
FS-IRON-285FT-NX-1865	AQT-285F-NX	18" x 65"	5	7.07	14.14	17.67	21.21
FS-IRON-285FT-NX-2162	AQT-285F-NX	21" x 62"	7	9.62	19.24	24.05	28.86
FS-IRON-285FT-NX-2472	AQT-285F-NX	24" x 72"	10	12.57	25.13	31.42	37.70
FS-IRON-290FT-NX-1465	AQT-285F-NX	14" x 65"	3	4.28	8.55	10.69	12.83
FS-IRON-290FT-NX-1665	AQT-290F-NX	16" x 65"	4	5.59	11.17	13.96	16.76
FS-IRON-290FT-NX-1865	AQT-290F-NX	18" x 65"	5	7.07	14.14	17.67	21.21
FS-IRON-315FT-NX-2162	AQT-290F-NX	21" x 62"	7	9.62	19.24	24.05	28.86
FS-IRON-315FT-NX-2472	AQT-315F-NX	24" x 72"	10	12.57	25.13	31.42	37.70
FS-IRON-315FT-NX-3072	AQT-315F-NX	30" x 72"	15	19.63	39.27	49.09	58.90
FS-IRON-315FT-NX-3672	AQT-315F-NX	36" x 72"	20	28.27	56.55	70.69	84.82
FS-IRON-315FT-NX-4272	AQT-315F-NX	42" x 72"	30	48.1	96.2	96.2	115.5
FS-IRON-390FT-NX-3672	AQT-315F-NX	36" x 72"	20	28.27	56.55	70.69	84.82
FS-IRON-390FT-NX-4272	AQT-390F-NX	42" x 72"	30	48.1	96.2	96.2	115.5
FS-IRON-390FT-NX-4872	AQT-390F-NX	48" x 72"	40	62.8	125.7	125.7	150.8
FS-IRON-580FT-XT-1252	AQT-580F-NX	12" x 52"	2	3.14	6.28	7.85	9.42
FS-IRON-580FT-XT-1354	AQT-580F-NX	13" x 54"	2.5	3.69	7.37	9.22	11.06
FS-IRON-580FT-XT-1465	AQT-580F-NX	14" x 65"	3	4.28	8.55	10.69	12.83
FS-IRON-580FT-XT-1665	AQT-580F-NX	16" x 65"	4	5.59	11.17	13.96	16.76
FS-IRON-581FT-XT-1465	AQT-581F-NX	14" x 65"	3	4.28	8.55	10.69	12.83
FS-IRON-581FT-XT-1665	AQT-581F-NX	16" x 65"	4	5.59	11.17	13.96	16.76
FS-IRON-581FT-XT-1865	AQT-581F-NX	18" x 65"	5	7.07	14.14	17.67	21.21
FS-IRON-581FT-XT-2172	AQT-581F-NX	21" x 62"	7	9.62	19.24	24.05	28.86
FS-IRON-581FT-XT-2472	AQT-581F-NX	24" x 72"	10	12.57	25.13	31.42	37.70

AQUATROL™ VALVES - SPECIFICATION TABLE

Valves	Inlet	Drain	Service (gpm)	Máx. Serv.	Backwash (gpm)	Distributor	Base	Voltage	Max Working Pressure	Max. hydrostatic pressure	Temp. °F
AQT-56FT	3/4" - 1"	1/2"	20	26	7	1.05" OD (3/4" CED 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-275FT	1"	3/4"	26	33	25	1.05" OD (3/4" CED 40)	2.5" 8NPSM	24V/60Hz	120 psi	300	34 - 113
AQT-285FT	1.5"	1"	51	66	49	1.96" OD (1.5" CED 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-290FT	2"	3/4"	106	140	25	1.96" OD (1.5" CED 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-315FT	2"	2"	95	124	105	2.49" OD (2" CED 40)	4" 8UN	24V/60Hz	120 psi	300	34 - 113
AQT-390FT	3"	2"	250	325	100	3.5" OD (3" CED 40)	6" Brida	24V/60Hz	120 psi	300	34 - 113

Important Note. The Katalox Light™ flow rates and characteristics are values provided by the filter media manufacturer in its data sheet. The calculations of minimum and maximum flow rates are based on this information. For the removal of Iron, Manganese and Sulfides, anion and cation analysis is recommended. For waters with special characteristics or special amounts of suspended solids, COD or BOD, laboratory tests are recommended to check the performance of the filter media, contact your supplier for more information. DLFCs must be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for informational purposes only and is not responsible for misuse or selection of internal parts.



MANUAL SOFTENER SYSTEMS

AQT-MSV-1

FEATURES

Resin	MED-CAT100E
Service	19 gpm
Backwash	6.7 gpm
Connections	1"
Drain	1/2"
Base	2.5" 8 NPSM
Material	Noryl
Distributor	1.05" OD
Softeners	6" - 13"
Pressure	14 - 87 psi
Temperature	41 - 113 °F



MANUAL FILTERS - SELECTION TABLE BASED ON FILTRATION FACTORS - AQUATROL™ AQT-MSV-1, AQT-MSV-2 MANUAL VALVE

Part Number	Valve	Filter Media	Tank	Volume (ft³)	Brine Tank
SS-MSV1-0618	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	6" x 18"	0.3	18" x 33"
SS-MSV1-0735	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	7" x 44"	0.60	18" x 33"
SS-MSV1-0844	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	8" x 44"	0.75	18" x 33"
SS-MSV1-0948	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	9" x 48"	1.00	18" x 33"
SS-MSV1-1054	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	10" x 54"	1.50	18" x 33"
SS-MSV1-1252	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	12" x 52"	1.75	18" x 33"
SS-MSV1-1354	AQT-MSV-1	Aquatrol Resin - MED-CAT100E	13" x 54"	2.00	18" x 33"



MANUAL SOFTENER SYSTEMS

AQT-MSV-2

FEATURES

Resin	MED-CAT100E
Service	44 gpm
Backwash	25.1 gpm
Connections	2"
Drain	1"
Base	4" 8 UN
Material	Noryl
Distributor	1.96" OD
Softeners	14" - 24"
Pressure	14 - 87 psi
Temperature	41 - 113 °F



MANUAL FILTERS - SELECTION TABLE BASED ON FILTRATION FACTORS - AQUATROL™ AQT-MSV-2 MANUAL VALVE

Part Number	Valve	Filter Media	Tank	Volume (ft³)	Brine Tank
SS-MSV2-1465	AQT-MSV-2	Aquatrol Resin - MED-CAT100E	14" x 65"	3.00	18" x 40"
SS-MSV2-1665	AQT-MSV-2	Aquatrol Resin - MED-CAT100E	16" x 65"	4.00	18" x 40"
SS-MSV2-1865	AQT-MSV-2	Aquatrol Resin - MED-CAT100E	18" x 65"	5.00	24" x 50"
SS-MSV2-2162	AQT-MSV-2	Aquatrol Resin - MED-CAT100E	21" x 62"	7.00	24" x 50"
SS-MSV2-2472	AQT-MSV-2	Aquatrol Resin - MED-CAT100E	24" x 72"	10.00	30" x 50"



SOFTENER SYSTEMS

AQT-56ST & AQT-56SM



FEATURES

Valve	AQT-56ST/AQT-56SM
Meter	AQT-56-METER
Max. Flow Service	26 gpm
Max. Flow Backwash	7 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.05" OD (3/4" SCH 40)
Control	Manual time and flow
Drain	1/2"
Brine Line	3/8"
Valve Base	2 1/2" 8 NPSM



STRENGTHS AND BENEFITS

- 3/4" Noryl Valve
- Optional 1" or 3/4" NPT Yoke
- 12 Day Time Control
- 2100 gallon Flow Meter
- Adjustable Brine Refill
- Easy Maintenance
- Polycarbonate Lid
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- Electrical Connection 24V - 60 Hz
- Aquatrol Ready to Work Resin
- Original Aquatrol Spare Parts

For more information, contact your supplier. BLFC, DLFC and injectors have to be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.

SPECIFICATION TABLE - AQT-56ST/AQT-56SM VALVE

Part Number	Tank Size	Valve (time/flow)	Total System Resin (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity x Unit	Injector	DLFC (gpm)	BLFC (gpm)
SS-56ST-0844 SS-56SM-0844	8" x 44"	AQT-56ST AQT-56SM	0.75	7	1.5	16" x 33"	24,000	0	1.5	0.25
SS-56ST-0948 SS-56SM-0948	9" x 48"	AQT-56ST AQT-56SM	1.00	9	2	16" x 33"	32,000	1	2.0	0.25
SS-56ST-1054 SS-56SM-1054	10" x 54"	AQT-56ST AQT-56SM	1.50	12	2.5	16" x 33"	48,000	1	2.4	0.25
SS-56ST-1252 SS-56SM-1252	12" x 52"	AQT-56ST AQT-56SM	1.75	13	2.5	16" x 33"	56,000	2	3.5	0.5
SS-56ST-1354 SS-56SM-1354	13" x 54"	AQT-56ST AQT-56SM	2.00	13-15	3	16" x 33"	64,000	3	4.0	0.5
SS-56ST-1465 SS-56SM-1465	13" x 54"	AQT-56ST AQT-56SM	2.00	13-15	3	16" x 33"	64,000	3	4.0	0.5

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



TABLE OF SPECIFICATIONS - CABINET SUPPOSITION SYSTEMS

Part Number	Tank Size	Valve (time/flow)	Description	Color	Total System Resin (ft³)
SG-AQT56T-BCO	10" x 35"	AQT-56ST	Mechanical Timer	White /Black	1
SG-AQT56M-BCO	10" x 35"	AQT-56SM	Mechanical Meter	White /Black	1
SG-AQT56SE-ST-BCO	10" x 35"	AQT-56SE-ST	Electronic Timer	White /Black	1
SG-AQT56SE-SM-BCO	10" x 35"	AQT-56SE-SM	Electronic Meter	White /Black	1

* Includes 1 cubic ft of Aquatrol Resin MED-CAT100E, connections, float and complete internals.



SOFTENER SYSTEMS

AQT-275ST

STRENGTHS AND BENEFITS

- 1" Valve
- 12 Day Time Control
- 5,270 gal Flow Meter
- 5 Adjustable Cycles
- For Light Commercial Applications
- Easy Maintenance
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- 5 Year Warranty on 14"-63" Tanks
- 24V - 60 Hz Electrical Connection
- Aquatrol Ready to Work Resin
- Original Aquatrol Spare Parts

FEATURES

Valve	AQT-275ST/AQT-275SM*
Meter	AQT-275-METER
Max. Flow Service	33 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser inlet	1.05" OD (3/4" sch 40)
Control	Manual time and flow
Drain	3/4"
Brine Injection Valve	3/8"
Brine Line	3/8"
Valve Base	2 1/2" 8 NPSM



For larger systems with the AQT-275 valve, the 1/2" brine valve is required. For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only, therefore it is not responsible for the misuse or wrong selection of internal parts by the customer and/or installer.

SPECIFICATION TABLE - VALVE AQT-275ST/AQT-275SM* AQT-275ST/AQT-275SM* VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-275ST-HW-1054	10" x 54"	1.50	15	8	2.4	18" x 40"	48,000	1	2.4	0.5
SS-275ST-HW-1252	12" x 52"	1.75	17.5	9	3	18" x 40"	56,000	2	3.5	0.5
SS-275ST-HW-1354	13" x 54"	2.00	20	10	3.5	18" x 40"	64,000	2	5	1.0
SS-275ST-HW-1465	14" x 65"	3.0	30	15	4	24" x 50"	96,000	3	5	1.0
SS-275ST-HW-1665	16" x 65"	4.0	40	20	6	24" x 50"	128,000	4	7	1.0
SS-275ST-HW-1665	18" x 65"	5	50	25	7	24" x 50"	160,000	4	7	1.0

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



For smaller systems with the AQT-285 valve, the 3/8" brine valve is required. For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer.



SOFTENER SYSTEMS

AQT-285ST

STRENGTHS AND BENEFITS

- 1.5" Valve
- Time Control 12 days
- 5 Adjustable Cycles
- For Light Commercial Applications
- Easy Maintenance
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- 5 Year Warranty on 14"-63" Tanks
- Electrical Connection 24V - 60Hz
- Aquatrol Ready to Work Resin
- Original Aquatrol Spare Parts

FEATURES

Valve	AQT-285ST
Max. Flow Service	66 gpm
Max. Flow Backwash	49 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1.5" SCH 40)
Control	Time
Drain	1"
Brine Injection Valve	1/2"
Brine Line	1/2"
Valve Base	4" 8UN

SPECIFICATION TABLE - AQT-285ST VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-285ST-HW-1465	14" x 65"	3	30	-	15	4	24" x 50"	96,000	3C	5	1.0
SS-285ST-HW-1665	16" x 65"	4	40	-	20	7	24" x 50"	128,000	3C	7	1.2
SS-285ST-HW-1865	18" x 65"	5	50	-	25	9	24" x 50"	160,000	3C	7	1.2
SS-285ST-HW-2162	21" x 62"	7	70	-	35	12	24" x 50"	224,000	4C	10	2
SS-285ST-HW-2472	24" x 72"	10	50	50	50	15	30" x 50"	320,000	5C	15	2
SS-285ST-HW-3072	30" x 72"	15	75	75	60 - 65	25	39" x 48"	480,000	6C	25	4

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



SOFTENER SYSTEMS

AQT-290ST

STRENGTHS AND BENEFITS

- 2" Valve
- Time Control 12 days
- 5 Adjustable Cycles
- For Commercial Applications
- Easy Maintenance
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- 5 Year Warranty on 14"-63" Tanks
- Electrical Connection 24V - 60Hz
- Aquatrol Ready to Work Resin
- Original Aquatrol Spare Parts

FEATURES

Valve	AQT-290ST
Max. Flow Service	140 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1.5" SCH 40)
Control	Time
Drain	3/4"
Brine Injection Valve	1/2"
Brine Line	1/2"
Valve Base	4" 8UN



For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer.

SPECIFICATION TABLE - AQT-290ST VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-290ST-HW-1465	14" x 65"	3	30	-	19	4	24" x 50"	96,000	3C	5	1.0
SS-290ST-HW-1665	16" x 65"	4	40	-	20	7	24" x 50"	128,000	3C	7	1.2
SS-290ST-HW-1865	18" x 65"	5	50	-	25	9	24" x 50"	160,000	3C	10	1.2
SS-290ST-HW-2162	21" x 62"	7	70	-	35	12	24" x 50"	224,000	4C	10	2
SS-290ST-HW-2472	24" x 72"	10	50	50	50	15	30" x 50"	320,000	5C	15	2
SS-290ST-HW-3072	30" x 72"	15	75	75	75	25	39" x 48"	480,000	6C	25	4
SS-290ST-HW-3672	36" x 72"	20	150	150	100	25	39" x 48"	640,000	6C	25	4

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer.



SOFTENER SYSTEMS

AQT-315ST

STRENGTHS AND BENEFITS

- 2" Valve
- Time Control 12 days
- 5 Adjustable Cycles
- For Industrial Applications
- Easy Maintenance
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- 5 Year Warranty on 14"-63" Tanks
- 24V - 60Hz Electrical Connection
- Ready to Work Resin
- Original Aquatrol Spare Parts

FEATURES

Valve	AQT-315ST
Max. Flow. Service	124 gpm
Max. Flow Backwash	105 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	2.49" OD (2" SCH 40)
Control	Time
Drain	2"
Brine Injection Valve	1"
Brine Line	1"
Valve Base	4" 8UN

SPECIFICATION TABLE - AQT-315ST VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-315ST-HW-2472	24" x 72"	10	75	75	50	15	30" x 50"	320,000	4	20	2
SS-315ST-HW-3072	30" x 72"	15	125	100	75	25	39" x 48"	480,000	5	25	5
SS-315ST-HW-3672	36" x 72"	20	150	150	100	35	42" x 60"	640,000	6	35	5
SS-315ST-HW-4272	42" x 72"	30	250	200	110	50	50" x 60"	960,000	7	50	10
SS-315ST-HW-4872	48" x 72"	40	300	300	124	50	50" x 60"	1,280,000	8	70	10

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



SOFTENER SYSTEMS

AQT-390ST

STRENGTHS AND BENEFITS

- 3" Valve
- Time Control 12 days
- 5 Adjustable Cycles
- For Industrial Applications
- Easy Maintenance
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- 5 Year Warranty on 14"-63" Tanks
- 24V - 60Hz Electrical Connection
- Ready to Work Resin
- Original Aquatrol Spare Parts

FEATURES

Valve	AQT-390ST
Max. Flow. Service	325 gpm
Max. Flow. Backwash	100 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	3.5" OD (3" SCH 40)
Control	Time
Drain	2"
Brine Injection Valve	1"
Brine Line	1"
Valve Base	6" Flange



For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer.

SPECIFICATION TABLE - AQT-390ST VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-390ST-HW-3672	36" x 72"	20	100	100	100	35	42" x 60"	640,000	6	35	5
SS-390ST-HW-4272	42" x 72"	30	150	150	150	50	50" x 60"	960,000	7	50	10
SS-390ST-HW-4872	48" x 72"	40	200	200	200	65	50" x 60"	1,280,000	8	70	10

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



SOFTENER SYSTEMS

AQT-56SE-ST & AQT-56SE-SM

FEATURES

Valve	AQT-56SE-ST/AQT-56SE-SM
Meter	AQT-56 Electronic Turbine
Max. Flow Service	26 gpm
Max. Flow Backwash	7 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.05" OD (3/4" SCH 40)
Control	Aquatrol SE
Drain	1/2" Quick Connect Elbow
Brine Line	3/8" Quick Connect
Valve Base	2 1/2" 8 NPSM

STRENGTHS AND BENEFITS

- 3/4" Noryl Valve
- Optional 1" Yoke
- SE Electronic Control
- Time Regeneration, Immediate Flow, Delayed Flow modes
- Easy Maintenance
- Polycarbonate Lid
- Aquatrol Fiberglass Tanks
- 10 year warranty on 6"-13" Tanks
- 24V, 60 Hz Transformer
- Aquatrol Ready to Work Resin
- Original Aquatrol Spare Parts



For more information, contact your supplier. BLFC, DLFC and injectors have to be verified by the customer and/or installer to verify that they meet their engineering needs. Aquatrol provides this data for information purposes only and is not responsible for misuse or selection of internal parts.

SPECIFICATION TABLE - AQT-56SE/AQT-56SE-SM VALVE

Part Number	Tank Size	Valve (time/flow)	Resin (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-56SEST-0844 SS-56SESM-0844	8" x 44"	AQT-56SE-ST AQT-56SE-SM	0.75	7	1.5	16" x 33"	24,000	0	1.5	0.25
SS-56SEST-0948 SS-56SESM-0948	9" x 48"	AQT-56SE-ST AQT-56SE-SM	1.00	9	2	16" x 33"	32,000	1	2.0	0.25
SS-56SEST-1054 SS-56SESM-1054	10" x 54"	AQT-56SE-ST AQT-56SE-SM	1.50	12	2.5	16" x 33"	48,000	1	2.4	0.25
SS-56SEST-1252 SS-56SESM-1252	12" x 52"	AQT-56SE-ST AQT-56SE-SM	1.75	13	2.5	16" x 33"	56,000	2	3.5	0.5
SS-56SEST-1354 SS-56SESM-1354	13" x 54"	AQT-56SE-ST AQT-56SE-SM	2.00	13-15	3	16" x 33"	64,000	3	4.0	0.5
SS-56SEST-1465 SS-56SESM-1465	14" x 65"	AQT-56SE-ST AQT-56SE-SM	2.25	?	3.5	?	?	?	?	?

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



SOFTENER SYSTEMS

AQT-275S-NX

STRENGTHS AND BENEFITS

- 1" Valve
- Optional NHWB Piston
- Simple System (1 valve only)
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-275S NX
Meter	AQT-275-NXMETER
Max. Flow Service	33 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.05" OD (3/4" SCH 40)
Control	AQT-NX
Drain	3/4"
Brine Injection Valve	3/8"
Brine Line	3/8"
Valve Base	2 1/2" 8 NPSM



For larger systems with the AQT-275 valve, the 1/2" brine valve is required. For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer.

** For softeners with AQT-275SM valve for flow, ask your supplier for information..*

SPECIFICATION TABLE - AQT-275S-NX VALVE

Part Number	Tank Size	Resin (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-275ST-NXHW-1054 SS-275SM-NXHW-1054	10" x 54"	1.50	8	2.4	18" X 40"	48,000	1	2.4	0.5
SS-275ST-NXHW-1252 SS-275SM-NXHW-1252	12" x 52"	1.75	9	3	18" X 40"	56,000	2	3.5	0.5
SS-275ST-NXHW-1354 SS-275SM-NXHW-1354	13" x 54"	2.00	10	3.5	18" X 40"	64,000	2	5	1.0
SS-275ST-NXHW-1465 SS-275SM-NXHW-1465	14" x 65"	3.0	15	4	24" x 50"	96,000	3	5	1.0
SS-275ST-NXHW-1665 SS-275SM-NXHW-1665	16" x 65"	4.0	20	6	24" x 50"	128,000	4	7	1.0
SS-275ST-NXHW-1865 SS-275SM-NXHW-1865	18" x 65"	5.0	25	9	24" x 50"	160,000	4	9	1.0

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



SOFTENER SYSTEMS

AQT-285S-NX

STRENGTHS AND BENEFITS

- 1.5" Valve
- Optional NHWB Piston
- Simple System (1 valve only)
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay Output For Dosing Pump
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10 Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-285S-NX
Meter	AQT-285-NXMETER
Max. Flow Service	66 gpm
Max. Flow Backwash	49 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	AQT-NX
Drain	1"
Brine Injection Valve	1/2"
Brine Line	1/2"
Valve Base	4" 8UN

For smaller systems with the AQT-285 valve, the 3/8" brine valve is required. For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information purposes only, and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer.



SPECIFICATION TABLE - AQT-285S-NX VALVE

Part Number	Tank Size	Resin (ft ³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-285ST-NXHW-1465 SS-285SM-NXHW-1465	14" x 65"	3	50	-	15	6	24" x 50"	96,000	3C	7	1.2
SS-285ST-NXHW-1665 SS-285SM-NXHW-1665	16" x 65"	4	75	-	20	7	24" x 50"	128,000	3C	7	1.2
SS-285ST-NXHW-1865 SS-285SM-NXHW-1865	18" x 65"	5	100	-	25	9	24" x 50"	160,000	3C	7	1.2
SS-285ST-NXHW-2162 SS-285SM-NXHW-2162	21" x 62"	7	50	100	35	12	24" x 50"	224,000	4C	10	2
SS-285ST-NXHW-2472 SS-285SM-NXHW-2472	24" x 72"	10	100	150	50	15	30" x 50"	320,000	5C	15	2
SS-285ST-NXHW-3072 SS-285SM-NXHW-3072	30" x 72"	15	100	250	60-65	25	39" x 48"	480,000	6C	25	4

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



DIGITAL SOFTENER SYSTEMS

AQT-290S-NX

STRENGTHS AND BENEFITS

- 2" Valve
- Optional NHWB Piston
- Simple System (1 valve only)
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-290S-NX
Meter	AQT-290-NXMETER
Max. Flow Service	140 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	AQT-NX
Drain	3/4"
Brine Injection Valve	1/2"
Brine Line	1/2"
Valve Base	4" 8UN



Valve with HWB (Hard Water Bypass) piston. If NHWB (No Hard Water Bypass) piston is required, please request information from supplier.

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.

SPECIFICATION TABLE - AQT-290S-NX VALVE

Part Number	Tank Size	Resin (ft ³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Gravel Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-290ST-NXHW-1465 SS-290SM-NXHW-1465	14" x 65"	3	40	-	15	7	24" x 50"	96,000	3C	7	1.2
SS-290ST-NXHW-1665 SS-290SM-NXHW-1665	16" x 65"	4	40	-	20	7	24" x 50"	128,000	3C	7	1.2
SS-290ST-NXHW-1865 SS-290SM-NXHW-1865	18" x 65"	5	50	-	25	9	24" x 50"	160,000	3C	10	1.2
SS-290ST-NXHW-2162 SS-290SM-NXHW-2162	21" x 62"	7	70	-	35	12	24" x 50"	224,000	4C	10	2
SS-290ST-NXHW-2472 SS-290SM-NXHW-2472	24" x 72"	10	50	50	50	15	30" x 50"	320,000	5C	15	4
SS-290ST-NXHW-3072 SS-290SM-NXHW-3072	30" x 72"	15	75	75	75	25	39" x 48"	480,000	6C	25	4
SS-290ST-NXHW-3672 SS-290SM-NXHW-3672	36" x 72"	20	150	150	100	25	39" X 48"	640,000	6C	25	4

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



Valve with HWB (Hard Water Bypass) piston. If NHWB (No Hard Water Bypass) piston is required, please request information from supplier.

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.



DIGITAL SOFTENER SYSTEMS

AQT-315S-NX

STRENGTHS AND BENEFITS

- 2" Valve
- Optional NHWB Piston
- Simple System (1 valve only)
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-315S-NX
Meter	AQT-315-NXMETER
Max. Flow Service	124 gpm
Max. Flow Backwash	105 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	2.49" OD (2" SCH 40)
Control	AQT-NX
Drain	2"
Brine Injection Valve	1"
Brine Line	1"
Valve Base	4" 8UN

SPECIFICATION TABLE - AQT-315S-NX VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-315ST-NXHW-2472 SS-315SM-NXHW-2472	24" x 72"	10	75	75	50	15	30" x 50"	320,000	4	20	2
SS-315ST-NXHW-3072 SS-315SM-NXHW-3072	30" x 72"	15	125	100	75	25	39" x 48"	480,000	5	25	5
SS-315ST-NXHW-3672 SS-315SM-NXHW-3672	36" x 72"	20	150	150	100	35	42" x 60"	640,000	6	35	5
SS-315ST-NXHW-4272 SS-315SM-NXHW-4272	42" x 72"	30	250	200	110	50	50" x 60"	960,000	7	50	10
SS-315ST-NXHW-4872 SS-315SM-NXHW-4872	48" x 72"	40	300	300	124	50	50" x 60"	1,280,000	8	70	10

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



DIGITAL SOFTENER SYSTEMS

AQT-390S-NX

STRENGTHS AND BENEFITS

- 3" Valve
- Optional NHWB Piston
- Simple System (1 valve only)
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-390S-NX
Meter	AQT-390-NXMETER
Max. Flow Service	325 gpm
Max. Flow Backwash	100 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	3.5" OD (3" SCH 40)
Control	AQT-NX
Drain	2"
Brine Injection Valve	1"
Brine Line	1"
Valve Base	6" Flange



Valve with HWB (Hard Water Bypass) piston. If NHWB (No Hard Water Bypass) piston is required, please request information from supplier.

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.

SPECIFICATION TABLE - AQT-390S-NX VALVE

Part Number	Tank Size	Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-390ST-NXHW-3672 SS-390SM-NXHW-3672	36" x 72"	20	100	100	100	35	42" x 60"	640,000	6	35	5
SS-390ST-NXHW-4272 SS-390SM-NXHW-4272	42" x 72"	30	150	150	150	50	50" x 60"	960,000	7	50	10
SS-390ST-NXHW-4872 SS-390SM-NXHW-4872	48" x 72"	40	200	200	200	65	50" x 60"	1,280,000	8	70	10

Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



DIGITAL SOFTENER SYSTEMS

AQT-580XT

STRENGTHS AND BENEFITS

- Inlet and outlet quick connectors
- Refill prior to regeneration (optional)
- Auxiliary Relay
- Newly designed seals and stack type spacers
- Historical values
- Easy access injector module
- Quick connector for Brine and Drain Line
- 6 Adjustable Cycles
- Intelligent Proportional Regeneration
- Remote Signal DP Switch
- Easy access flow meter

FEATURES

Valve	AQT-580XT
Max. Flow Service	40 gpm
Max. Flow Backwash	33 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.32" OD (1" SCH 40)
Control	XT
Drain	1"
Brine Line	3/8" QC
Valve Base	2.5"

Valve with HWB (Hard Water Bypass) piston. If NHWB (No Hard Water Bypass) piston is required, please request information from supplier.

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.



Turbine for metering option

SPECIFICATION TABLE - AQT-580XT VALVES

Part Number	Valve	Tank Size	Resin (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-580ST-XT-1054A	AQT-580ST-XT12	10" x 54"	1.5	8	2.4	18" x 40"	48,000	1, white	2.4	1
SS-580ST-XT-1252A	AQT-580ST-XT12	12" x 52"	1.75	9	3.5	18" x 40"	56,000	2, blue	3.5	1
SS-580ST-XT-1354A	AQT-580ST-XT12	13" x 54"	2	10	5	18" x 40"	64,000	2, blue	5	1
SS-580ST-XT-1465A	AQT-580ST-XT12	14" x 65"	3	15	5	24" x 50"	96,000	3, yellow	5	2
SS-580ST-XT-1665A	AQT-580ST-XT12	16" x 65"	4	20	8	24" x 50"	128,000	3, yellow	8	2
SS-580SM-XT-1054A	AQT-580SM-XT12	10" x 54"	1.5	8	2.4	18" x 40"	48,000	1, white	2.4	1
SS-580SM-XT-1252A	AQT-580SM-XT12	12" x 52"	1.75	9	3.5	18" x 40"	56,000	2, blue	3.5	1
SS-580SM-XT-1354A	AQT-580SM-XT12	13" x 54"	2	10	5	18" x 40"	64,000	2, blue	5	1
SS-580SM-XT-1465A	AQT-580SM-XT12	14" x 65"	3	15	5	24" x 50"	96,000	3, yellow	5	2
SS-580SM-XT-1665A	AQT-580SM-XT12	16" x 65"	4	20	8	24" x 50"	128,000	3, yellow	8	2

Refer to the DLFC and BLFC table to obtain part numbers for each system according to the valve model. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



DIGITAL SOFTENER SYSTEMS

AQT-581XT

STRENGTHS AND BENEFITS

- Inlet and outlet quick connectors
- Refill prior to regeneration (optional)
- Auxiliary Relay
- Newly designed seals and stack type spacers
- Historical values
- Easy access injector module
- Quick connector for Brine and Drain Line
- 6 Adjustable Cycles
- Intelligent Proportional Regeneration
- Remote Signal DP Switch
- Easy access flow meter

FEATURES

Valve	AQT-581XT
Max. Flow Service	58 gpm
Max. Flow Backwash	37 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.9" OD (1.5" SCH 40)
Control	XT
Drain	1"
Brine Line	1/2" QC
Valve Base	4" 8UN



Turbine for metering option



Valve with HWB (Hard Water Bypass) piston. If NHWB (No Hard Water Bypass) piston is required, please request information from supplier.

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.

SPECIFICATION TABLE - AQT-581XT VALVE

Part Number	Valve	Tank Size	Resin (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity	Injector	DLFC (gpm)	BLFC (gpm)
SS-581ST-XT-1465B	AQT-581ST-XT15	14" x 65"	3	15	9	24" x 50"	96,000	3, white	5	2
SS-581ST-XT-1665B	AQT-581ST-XT15	16" x 65"	4	20	8	24" x 50"	128,000	3, white	8	2
SS-581ST-XT-1865B	AQT-581ST-XT15	18" x 65"	5	25	9	24" x 50"	160,000	4, green	9	2
SS-581ST-XT-2172B	AQT-581ST-XT15	21" x 72"	7	35	12	24" x 50"	224,000	4, green	12	3
SS-581ST-XT-2472B	AQT-581ST-XT15	24" x 72"	10	50	15	24" x 50"	320,000	5, blue	15	3
SS-581ST-XT-3072B	AQT-581ST-XT15	30" x 72"	15	55	25	30" x 50"	480,000	5, blue	25	4
SS-581SM-XT-1465B	AQT-581SM-XT15	14" x 65"	3	15	9	24" x 50"	96,000	3, white	5	2
SS-581SM-XT-1665B	AQT-581SM-XT15	16" x 65"	4	20	8	24" x 50"	128,000	3, white	8	2
SS-581SM-XT-1865B	AQT-581SM-XT15	18" x 65"	5	25	9	24" x 50"	160,000	4, green	9	2
SS-581SM-XT-2172B	AQT-581SM-XT15	21" x 72"	7	35	12	24" x 50"	224,000	4, green	12	3
SS-581SM-XT-2472B	AQT-581SM-XT15	24" x 72"	10	50	15	24" x 50"	320,000	5, blue	15	3
SS-581SM-XT-3072B	AQT-581SM-XT15	30" x 72"	15	55	25	30" x 50"	480,000	5, blue	25	4

Refer to the DLFC and BLFC table to obtain part numbers for each system according to the valve model. It is the responsibility of the customer, engineer and/or installer to verify if this capacity is the most suitable or to use a protection factor.



SALT FREE WATER CONDITIONER SYSTEMS

AQT-UTH

STRENGTHS AND BENEFITS

- No Salt Required
- No Backwashing Required
- No Regeneration Cycle Required
- Removes the Previous Scaling in Plumbing
- No Electrical Connections

FEATURES

In/Out Connection	3/4" or 1"
Temperature	40-110° F
pH	6.5-8.5
System Pressure	15-100 psi
Flow Direction	Upflow
Max. Hardness	75 GPG
Max. Iron	0.5 ppm
Max. Manganese	0.05 ppm
Max. Free Chlorine	3.0 PPM
Max. Copper	1.3 ppm
Oil	Free
Hydrogen Sulfide	Free
Density	48.7 lb/ft ³
Mesh	20 x 35
Moisture Content	10-25%

SPECIFICATION TABLE - AQT-UTH

Part Number	Valve	Tank Size	Media (liters)	Service (gpm)	Media
SS-SF3	AQT-UTH	8" x 44"	3	10	Scalelox™
SS-SF4	AQT-UTH	9" x 48"	4	12	Scalelox™
SS-SF5	AQT-UTH	10" x 54"	5	15	Scalelox™
SS-SF6	AQT-UTH	12" x 52"	6	20	Scalelox™
SS-SF7	AQT-UTH	13" x 54"	7	25	Scalelox™



SYSTEM 7 ALTERNATING DUPLEX SOFTENERS

AQT-275S-NX S-7

STRENGTHS AND BENEFITS

- 1" Valve
- NHWB Piston
- Alternating System
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-275S-NX
Meter	AQT-275-NXMETER
Max. Flow Service	33 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	AQT-NX
Drain	3/4"
Brine Injection Valve	3/8"
Brine Line	3/8"
Valve Base	2.5"

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AQT-275-NXMETER

SPECIFICATION TABLE - AQT-275S NX S-7 AQT-275S VALVE

Part Number	Tank Size	Total Resin Two-Tank System (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Total Capacity Two Tanks (grains)	Injector	DLFC (gpm)	BLFC (gpm)	Solenoid
SS7-275-NXNH-1054	10" x 54"	8	-	-	8	2.4	18" x 40"	96,000	1	2.4	0.5	Yes
SS7-275-NXNH-1252	12" x 52"	10	-	-	9	3.2	18" x 40"	112,000	2	3.2	0.5	Yes
SS7-275-NXNH-1354	13" x 54"	14	-	-	10	3.5	18" x 40"	128,000	2	3.5	1.0	Yes
SS7-275-NXNH-1465	14" x 54"	20	50	-	15	4	24" x 50"	192,000	3	4	1.0	Yes
SS7-275-NXNH-1665	16" x 65"	30	80	-	20	8	24" x 50"	256,000	4	8	1.0	Yes
SS7-275-NXNH-1865	18" x 65"	40	100	-	25	9	24" x 50"	320,000	4	9	1.0	Yes

Important note: Service (gpm) based on a flow rate of 5 gpm/ft³ of resin. For AQT-275, AQT-285 and AQT-315 valves, the use of a NA solenoid valve, 24V 50/60Hz, 0.25A max. is required. Refer to the NX control manual. Be sure to always use valves with NH (No Hard Water Bypass) pistons. System 7 uses 1 flow meter depending on the model of valves to be used. Ask your distributor for more information.



SYSTEM 7 ALTERNATING DUPLEX SOFTENERS

AQT-285S-NX S-7

STRENGTHS AND BENEFITS

- 1.5" Valve
- NHWB Piston
- Alternating System
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-285S-NX
Meter	AQT-285-NXMETER
Max. Flow Service	66 gpm
Max. Flow Backwash	49 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	AQT-NX
Drain	1"
Brine Injection Valve	1/2"
Brine Line	1/2"
Valve Base	4" 8UN



AQT-285-NXMETER



For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be internal parts have to be verified by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of parts, for the misuse or wrong selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.

SPECIFICATION TABLE - AQT-285S NX S-7 AQT-285S VALVE

Part Number	Tank Size	Total Resin Two-Tank System (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Total Capacity Two Tanks (grains)	Injector	DLFC (gpm)	BLFC (gpm)	Solenoid
SS7-285-NXNH-1465	14" x 54"	6	50	-	15	4	24" x 50"	192,000	3C	4	1.2	Yes
SS7-285-NXNH-1665	16" x 65"	8	80	-	20	8	24" x 50"	256,000	3C	8	1.2	Yes
SS7-285-NXNH-1865	18" x 65"	10	100	-	25	9	24" x 50"	320,000	3C	9	1.2	Yes
SS7-285-NXNH-2162	21" x 62"	14	140	-	35	12	24" x 50"	448,000	4C	12	2.0	Yes
SS7-285-NXNH-2472	24" x 72"	20	100	100	50	15	24" x 50"	640,000	5c	15	2.0	Yes
SS7-285-NXNH-3072	30" x 72"	30	150	150	60-65	25	30" x 50"	960,000	6C	25	4.0	Yes

Important note: Service (gpm) based on a flow rate of 5 gpm/ft³ of resin. For AQT-275, AQT-285 and AQT-315 valves, the use of a NA solenoid valve, 24V 50/60Hz, 0.25A max. is required. Refer to the NX control manual. Be sure to always use valves with NH (No Hard Water Bypass) pistons. System 7 uses 1 flow meter depending on the model of valves to be used. Ask your distributor for more information.



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AQT-290-NXMETER



SYSTEM 7 ALTERNATING DUPLEX SOFTENERS

AQT-290S-NX S-7

STRENGTHS AND BENEFITS

- 2" Valve
- NHWB Piston
- Alternating System
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-290S-NX
Meter	AQT-290-NXMETER
Max. Flow Service	140 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	AQT-NX
Drain	3/4"
Brine Injection Valve	1/2"
Brine Line	1/2"
Valve Base	4" 8UN

SPECIFICATION TABLE - AQT-290S NX S-7 AQT-290S VALVE

Part Number	Tank Size	Total System Resin (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Grain Exchange Capacity x Unit	Injector	DLFC (gpm)	BLFC (gpm)
SS7-290-NXNH-1665	16" x 65"	8	80	-	40 - 57	7	24" x 50"	128,000	3C	7	1.2
SS7-290-NXNH-1865	18" x 65"	10	100	-	50 - 62	9	24" x 50"	160,000	3C	10	1.2
SS7-290-NXNH-2162	21" x 62"	14	140	-	55 - 77	12	24" x 50"	224,000	4C	10	2
SS7-290-NXNH-2472	24" x 72"	20	100	100	60 - 95	15	24" x 50"	320,000	5C	15	4
SS7-290-NXNH-3072	30" x 72"	30	150	150	75 - 140	25	30" x 50"	480,000	6C	25	4
SS7-290-NXNH-3672	36" x 72"	40	300	300	100 - 140	25	39" x 48"	640,000	6C	25	4

Important note: Service (gpm) based on a flow rate of 5 gpm/ft³ of resin. Refer to the NX control manual. Be sure to always use valves with NH (No Hard Water Bypass) pistons. System 7 uses 1 flow meter depending on the model of valves to be used. Ask your distributor for more information.



SYSTEM 7 ALTERNATING DUPLEX SOFTENERS

AQT-315S-NX S-7

STRENGTHS AND BENEFITS

- 2" Valve
- NHWB Piston
- Alternating System
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-315S-NX
Meter	AQT-315-NXMETER
Max. Flow Service	124 gpm
Max. Flow Backwash	105 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	AQT-NX
Drain	2"
Brine Injection Valve	1"
Brine Line	1"
Valve Base	4" 8UN



AQT-315-NXMETER



For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be internal parts have to be verified by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of parts, for the misuse or wrong selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.

SPECIFICATION TABLE - AQT-315S NX S-7 AQT-315S VALVE

Part Number	Tank Size	Total Resin Two-Tank System (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Total Capacity Two Tanks (grains)	Injector	DLFC (gpm)	BLFC (gpm)	Solenoid
SS7-315-NXNH-2472	24" x 72"	20	100	100	50	15	30" x 50"	640,000	4	15	5.0	Yes
SS7-315-NXNH-3072	30" x 72"	30	150	150	75	25	39" x 48"	960,000	5	25	5.0	Yes
SS7-315-NXNH-3672	36" x 72"	40	200	200	100	25	42" x 50"	1,280,000	6	25	5.0	Yes
SS7-315-NXNH-4272	42" x 72"	60	300	300	110	50	50" x 60"	1,920,000	7	50	10.0	Yes
SS7-315-NXNH-4872	48" x 72"	80	400	400	124	65	50" x 60"	2,560,000	8	65	10.0	Yes

Important note: Service (gpm) based on a flow rate of 5 gpm/ft³ of resin. For AQT-275, AQT-285 and AQT-315 valves, the use of a NA solenoid valve, 24V 50/60Hz, 0.25A max. is required. Refer to the NX control manual. Be sure to always use valves with NH (No Hard Water Bypass) pistons. System 7 uses 1 flow meter depending on the model of valves to be used. Ask your distributor for more information.



SYSTEM 7 ALTERNATING DUPLEX SOFTENERS

AQT-390S-NX S-7

STRENGTHS AND BENEFITS

- 3" Valve
- NHWB Piston
- Alternating System
- Adjustable Regeneration Cycles
- Remote Regeneration
- Auxiliary Relay
- Dosing Pump Output
- Diagnostic Mode
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin
- Easy Upgrade to Other AQT-NX Systems

FEATURES

Valve	AQT-390S-NX
Meter	AQT-390-NXMETER
Max. Flow Service	325 gpm
Max. Flow Backwash	100 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	3.5" OD (3" SCH 40)
Control	AQT-NX
Drain	2"
Brine Injection Valve	1"
Brine Line	1"
Valve Base	6" Flange

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.



AQT-390-NXMETER

SPECIFICATION TABLE - AQT-390S NX S-7 AQT-390S VALVE

Part Number	Tank Size	Total Resin Two-Tank System (ft³)	Gravel 1/4" x 1/8" (lbs)	Gravel 3/4" x 1/2" (lbs)	Service (gpm)	Backwash (gpm)	Brine Tank	Total Capacity Two Tanks (grains)	Injector	DLFC (gpm)	BLFC (gpm)	Solenoid
SS7-390-NXNH-3672	36" x 72"	40	200	200	100	35	42" x 50"	1,280,000	6	35	5.0	-
SS7-390-NXNH-4272	42" x 72"	60	300	300	150	50	50" x 60"	1,920,000	7	50	10.0	-
SS7-390-NXNH-4872	48" x 72"	80	400	400	200	<	50" x 60"	2,560,000	8	65	10.0	-

Important note: Service (gpm) based on a flow rate of 5 gpm/ft³ of resin. For AQT-275, AQT-285 and AQT-315 valves, the use of a NA solenoid valve, 24V 50/60Hz, 0.25A max. is required. Refer to the NX control manual. Be sure to always use valves with NH (No Hard Water Bypass) pistons. System 7 uses 1 flow meter depending on the model of valves to be used. Ask your distributor for more information.



AQUATROL TWIN ALTERNATING SOFTENERS

AQT-910SM-XT

STRENGTHS AND BENEFITS

- 1" Valve
- Alternating System
- Adjustable Regeneration Cycles
- Aquatrol Fiberglass Tanks
- 10-Year Warranty on 6"-13" Tanks
- 5-Year Warranty on 14"-63" Tanks
- Ready to Work Resin

FEATURES

Valve	AQT-910SM-XT
Meter	A-91020
Max. Flow Service	24 gpm
Max. Flow Backwash	9 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.05" OD (3/4" SCH 40)
Control	XT
Drain	1/2"
Brine Line	3/8"
Valve Base	2.5"



A-91020

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SPECIFICATION TABLE - VALVE AQT-910SM-XT

Part Number	Tank Size	Valve	Total Resin Two-Tank System (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Total Capacity Two Tanks (grains)	Injector	DLFC (gpm)	BLFC (gpm)
SS-910XT-0844A	8" x 44"	AQT-910SM-XT	0.75	7	1.5	18" x 40"	24,000	0, red	1.5	0.25
SS-910XT-0948A	9" x 48"	AQT-910SM-XT	1	9	2	18" x 40"	32,000	1, white	2	0.25
SS-910XT-1054A	10" x 54"	AQT-910SM-XT	1.5	12	2.4	18" x 40"	48,000	1, white	2.4	0.5
SS-910XT-1252A	12" x 52"	AQT-910SM-XT	1.75	13	3	18" x 40"	56,000	2, blue	3	0.5
SS-910XT-1354A	13" x 54"	AQT-910SM-XT	2	18	3.5	18" x 40"	64,000	2, blue	3.5	0.5
SS-910XT-1465A	14" x 65"	AQT-910SM-XT	3	22	4	18" x 40"	96,000	3, yellow	4	1.0
SS-910XT-1665A	16" x 65"	AQT-910SM-XT	4	24	5	18" x 40"	128,000	3, yellow	5	1.0

Important Note: Refer to the DLFC and BLFC table for part numbers for each system based on valve model.



AQUATROL TWIN ALTERNATING SOFTENERS

AQT-950SM-XT

STRENGTHS AND BENEFITS

- 1.5" Valve
- Alternating System
- Adjustable Regeneration Cycles
- Aquatrol Fiberglass Tanks
- 5 Year Warranty on 14"-63" Tanks
- Ready to Work Resin

FEATURES

Valve	AQT-950SM-XT
Meter	A-95020
Max. Flow Service	53 gpm
Max. Flow Backwash	25 gpm
Resin	MED-CAT100E
Diffuser	Aquatrol
Diffuser Inlet	1.96" OD (1 1/2" SCH 40)
Control	XT
Drain	1"
Brine Line	1/2"
Valve Base	4" 8UN

For more information, contact your supplier. BLFC, DLFC, injectors, controls, pistons and other internal parts have to be checked by the customer and/or installer to verify that they meet your engineering needs. For pistons for different applications consult with your supplier. Aquatrol provides this data for information only and is not responsible for misuse or mis-selection of internal parts by the customer and/or installer. Capacities have been calculated based on a capacity of 32,000 grains per cubic foot. It is the responsibility of the customer engineer and/or installer to verify if this capacity is the most convenient or to use some protection factor.



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SPECIFICATION TABLE - VALVE AQT-950SM-XT

Part Number	Tank Size	Valve	Total Resin Two-Tank System (ft³)	Service (gpm)	Backwash (gpm)	Brine Tank	Total Capacity Two Tanks (grains)	Injector	DLFC (gpm)	BLFC (gpm)
SS-950XT-1465B	14" x 65"	AQT-950SM-XT	3	15	5	18" x 40"	96,000	3, white	5	1
SS-950XT-1665B	16" x 65"	AQT-950SM-XT	4	20	8	24" x 50"	128,000	3, white	8	1
SS-950XT-1865B	18" x 65"	AQT-950SM-XT	5	25	10	24" x 50"	160,000	4, green	10	2
SS-950XT-2172B	21" x 72"	AQT-950SM-XT	7	35	12	24" x 50"	224,000	4, green	12	3
SS-950XT-2472B	24" x 72"	AQT-950SM-XT	10	40	15	24" x 50"	320,000	5, blue	15	4
SS-950XT-3072B	30" x 72"	AQT-950SM-XT	15	50	20	30" x 48"	480,000	5, blue	20	5

Important Note: Refer to the DLFC and BLFC table to obtain part numbers for each system according to the valve model.



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LIT-AQT-VLV25 03/17/25

