



ACS - Reverse Osmosis Systems

100 psi™
Operating Pressure

- ✓ World Class Manufacturing Facility
- ✓ Advance Membrane Technology
- ✓ Precision Manufacturing Tolerances
- ✓ 35+ Combined Years Experience
- ✓ Made in the USA



Features

- Powder Coated Aluminum Frame
- AdvanTech Aqua™ SS Concentrate and Conc Recirculate Flow Meters with Integrated Needle Valves
- AdvanTech Aqua™ 100-Series Membranes
- AdvanTech Aqua™ 304 Stainless Steel Membrane Housings
- AdvanTech Aqua™ Stainless Steel, IP65 Rated Inlet Solenoid Valve
- AdvanTech Aqua™ Dual 0-100psi Pre-Filter Pressure Gauges
- AdvanTech Aqua™ 0-300psi Pump Pressure Gauge
- AdvanTech Aqua™ 0-300psi Concentrate Pressure Gauge
- Goulds TEFC Motor with Stainless Steel Pump
- Dual TDS / Conductivity
- Programmable LCD Computer Controller
- *Permeate Flush Capability



Ph: 866-851-4566

Fax: 951-200-4391

E-Mail: info@advantechaqua.com

Web: www.advantechaqua.com

ADVANTECH AQUA™

Advancing Water Treatment Through Technology™



MODEL	ACS-2000	ACS-4000	ACS-6000	ACS-8000	ACS-10000	ACS-12000	ACS-16000	ACS-20000	ACS-24000	ACS-30000
Part Number	71011	71014	71017	71020	71035	71023	71026	71029	71032	71038
Flow Specifications										
Production gpm / lpm	1.38 gpm 5.22 lpm	2.76 gpm 10.44 lpm	4.14 gpm 15.66 lpm	5.52 gpm 20.88 lpm	6.94 gpm 26.27 lpm	8.28 gpm 31.32 lpm	11.11 gpm 42.05 lpm	13.88 gpm 52.54 lpm	16.66 gpm 63.06 lpm	20.83 gpm 78.85 lpm
Recovery	35%	50%	60%	75%	75%	75%	75%	75%	75%	75%
Max TDS	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Membranes and Vessels										
Mem Qty.	1	2	3	4	5	6	8	10	12	15
Mem Size	4040	4040	4040	4040	4040	4040	4040	4040	4040	4040
Rejection	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%
Vessels	1	2	3	4	5	6	8	10	12	15
Array	1	1:1	1:1:1	1:1:1:1	1:1:1:1:1	2:2:2	2:2:2:2	2:2:2:2:2	2:2:2:2:2:2	4:4:4:3
Pre-Filter										
Size	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"
Micron	5	5	5	5	5	5	5	5	5	5
Type	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Pump and Motor										
Pump	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds
Material	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless
Motor HP	1 ½	1 ½	1 ½	1 ½	3	3	3	3	3	3
Motor Type	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC
Electrical										
Voltage	220	220	220	220	220	220	220	220	220	220
Phase	1*	1*	1*	1*	1*	1*	1*	1*	1*	1*
Frequency	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Amp Draw	6.9	6.9	6.9	6.9	16	16	16	16	16	16
Connections										
Feed	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT
Permeate	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT
Concentrate	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT
Dimensions										
L" X W" X H"	26" X 26" X 60"	26" X 26" X 60"	26" X 26" X 60"	26" X 26" X 60"	26" X 26" X 60"	26" X 26" X 60"	40" X 26" X 60"	40" X 26" X 60"	40" X 26" X 60"	50" X 26" X 60"

Systems Production and recovery based on 500TDS, 77°F Softened Feed Water. Computer projections should be ran to optimize the systems recovery and membrane life.

220V 3 Phase, 380V 3 Phase, 460V 3 Phase models also available.