

# PENTAIR TANK-BASED SYSTEMS SIZING GUIDE

## PENTAIR PRO WHOLE HOUSE SYSTEMS

#### **SALT-BASED SOFTENING SYSTEMS**

Product Number	35960	35961	35962
Product Name	Pentair® Pro Whole House Salt-Based Water Softening System (Pentair Water Softening System 1.0, 1.5, 2.0)		
Media Volume (cu ft)	1.0	1.5	2.0
Flow Rate (gpm)	10.0	11.8	14.5
Rated Capacity (grains @ lbs of salt)	17,500 @ 3.9 lbs 25,200 @ 9.8 lbs 33,500 @ 15.6 lbs	24,300 @ 5.2 lbs 37,000 @ 14.3 lbs 48,600 @ 23.4 lbs	34,600 @ 7.5 lbs 50,400 @ 18.75 lbs 64,000 @ 30 lbs
Rated Efficiency (grains/lb of salt)	4,272/lb @ 3.9 lbs	4,272/lb @ 5.2 lbs	4,272/lb @ 7.5 lbs
Resin Tank Size (dia x h)	10" x 44"	10" x 54"	12" x 48"
Brine Tank Size (dia x h)	18" x 33"	18" x 33"	18" x 33"
Backwash (gpm)	2.5	2.5	3.5
Home Size (Number of Bathrooms)	1–2	3-4	5-6
Inlet/Outlet Size	1"	1"	1"



#### **CARBON FILTRATION SYSTEMS**

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Product Number	36963	35964	35965
Product Name	Pentair Pro Whole House Carbon Filtration System (Carbon Filtration System 1.0, 1.5, 2.0)		
Media Volume (cu ft)	1.0	1.5	2.0
Flow Rate (gpm)	11.6	11.9	13.2
Resin Tank Size (dia x h)	10" x 44"	10" x 54"	12" x 48"
Home Size (Number of Bathrooms)	1–2	3-4	5-6
Inlet/Outlet Size	1"	1"	1"



#### **IRON REDUCTION SYSTEMS**

Product Number	35968	35969
Product Name	Pentair Pro Air Injection Oxidation (Al	0) Whole House Iron Reduction System
Media Volume (cu ft)	1.0	1.5
Flow Rate (gpm)	4.0	4.0
Tank Size (dia x h)	10" x 44"	10" x 54"
Home Size (Number of Bathrooms)	1-2	3-4
Inlet/Outlet Size	1"	1"



#### **TANNIN FILTRATION SYSTEMS**

Product Number	35970	35971
Product Name	Pentair Pro Whole House	Tannin Filtration System
Media Volume (cu ft)	1.5	2.0
Flow Rate (gpm)	11.9	13.2
Tank Size (dia x h)	10" x 54"	12" x 48"
Brine Tank Size (dia x h)	18" x 33"	18" × 33"
Home Size (Number of Bathrooms)	1-3	4-6
Inlet/Outlet Size	1"	1"



#### **ACID NEUTRALIZING SYSTEMS**

Product Number	35966	35967
Product Name	Pentair Whole House A	Acid Neutralizing System
Media Volume (cu ft)	1.0	1.5
Flow Rate (gpm)	6.0	7.0
Tank Size (dia x h)	10" x 44"	10" x 54"
Home Size (Number of Bathrooms)	1–2	3–4
Inlet/Outlet Size	1"	1"



## PENTAIR PRO COMBINATION SYSTEMS

#### **SALT-BASED SOFTENING COMBO SYSTEMS**

Product Number	4006331	4006332	
Product Name	Pentair Pro Whole House Carbon Filtration and Salt-Based Water Softening Systems		
Sediment Filter	10" Sediment Filter Kit	10" Sediment Filter Kit	
Media Volume (cu ft)	1.5	2.0	
Flow Rate (gpm)	10	15	
Rated Capacity (grains @ lbs of salt)	24,300 @ 5.2 lbs 37,000 @ 14.3 lbs 48,600 @ 23.4 lbs	34,600 @ 7.5 lbs 50,400 @ 18.75 lbs 64,000 @ 30 lbs	
Rated Efficiency (grains/lb of salt)	4,272/lb @ 5.2 lbs	4,272/lb @ 7.5 lbs	
Resin(cuft)	1.5	2.0	
Tank Size (dia x h)	10" x 54"(2)	12" × 48"(2)	
Brine Tank Size (dia x h)	18" x 33"	18" × 33"	
Backwash (gpm)	2.5	3.5	
Number of Bathrooms	1–3	4–6	
Inlet/Outlet Size	1"	1"	



#### **IRON & MANGANESE REDUCTION COMBO SYSTEMS**

Product Number	4006333	4006334
Product Name	Pentair Pro Whole House Iron & Manganese Reduction Combo Systems with Chlorine Injection	
Sediment Filter	10" Sediment Filter Kit	10" Sediment Filter Kit
Media Volume (cu ft)	Iversand Company GreensandPlus™ Media 1.5 Carbon Media 1.0	lversand Company GreensandPlus™ Media 2.0 Carbon Media 1.5
Flow Rate (gpm)	10	15
Tank Size (dia x h)	Iron Tank Size 10" x 54" Carbon Tank Size 10" x 44" Brine Tank Size 18" x 33"	Iron Tank Size 10" x 54" Carbon Tank Size 10" x 54" Brine Tank Size 18" x 33"
<b>35-gallon Chlorine Solution Tank</b> (dia x h) with Injection Pump (h x w x I)	Solution Tank: 19" x 32" Injection Pump: 4.2" x 5.7" x 6.2"	Solution Tank: 19" x 32" Injection Pump: 4.2" x 5.7" x 6.2"
House Size (Number of Bathrooms)	1–3	4-6
Inlet/Outlet Size	1"	1"



#### IRON & MANGANESE REDUCTION + SALT-BASED SOFTENING COMBO SYSTEMS

Product Number	4006400	4006401	
Product Name	Pentair Pro Iron & Manganese Reduction, Carbon Filtration, Plus Salt-Based Water Softening Systems, with Chlorine Injection		
Sediment Filter	10" Sediment Filter Kit	10" Sediment Filter Kit	
<b>Media Volume</b> (cu ft)	Iversand Company GreensandPlus™ Media 1.5 Carbon Media 1.0 Resin 1.5	Iversand Company GreensandPlus™ Media 2.0 Carbon Media 1.5 Resin 2.0	
Flow Rate (gpm)	10	15	
Tank Size (dia x h)	Iron Tank Size 10" x 54" Carbon Tank Size 10" x 44" Resin Tank Size 10" x 54" Brine Tank Size 18" x 33"	Iron Tank Size 10" x 54" Carbon Tank Size 10" x 54" Resin Tank Size 12" x 48" Brine Tank Size 18" x 33"	
<b>35-gallon Chlorine Solution Tank</b> (dia x h) with Injection Pump (dims)	Solution Tank: 19" x 32" Injection Pump: 4.2" x 5.7" x 6.2"	Solution Tank: 19" x 32" Injection Pump: 4.2" x 5.7" x 6.2"	
Home Size (Number of Bathrooms)	1–3	4-6	
Inlet/Outlet Size	1"	1"	



## PENTAIR PRO COMBINATION SYSTEMS (CONTINUED)

#### CARBON FILTRATION SYSTEMS WITH IN-AND-OUT VALVE

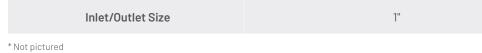
Product Number	PR0-CS-1044	PR0-CS-1344	PRO-CS-HF20	PRO-CS-HF34
Product Name		Pentair Pro Enviro Whole Ho	use Carbon Filtration System	
Sediment Filter	10" Sediment Filter Kit	10" Sediment Filter Kit	20" Sediment Filter Kit	20" Sediment Filter Kit
Media Volume (cu ft)	3/4	11/4	3	3
Flow Rate (gpm)	12	17	20	34
Tank Size (dia x h)	10" x 44"	13" x 44"	16" x 65"	13" x 54"(2)
Home Size (Number of Bathrooms)	1–3	4-6	Large Homes, High-Flow Fixtures, or Light Commercial	Large Homes, High-Flow Fixtures, or Light Commercial
Inlet/Outlet Size	1"	1"	11/2"	11/2"



## PENTAIR PRO ENVIRO WHOLE HOUSE SYSTEMS

#### **SALT-FREE CONDITIONING SYSTEMS**

Product Number	PR0-NS-0844	PRO-NS-HF34
Product Name	Pentair Pro Enviro Whole House Salt-Free Water Conditioning System	Pentair Pro Enviro High Flow Salt-Free Water Conditioning System
Sediment Filter	10" Sediment Filter Kit	20" Sediment Filter Kit and Circulation Pump*
Flow Rate (gpm)	11.6	34
Resin Tank Size (dia x h)	8" x 44"	13" × 54"
Home Size (Number of Bathrooms)	1–6	Large Homes, High-Flow Fixtures, or Light Commercial Applications
Inlet/Outlet Size	1"	11/2"



#### SALT-FREE CONDITIONING SPACE SAVER COMBO SYSTEM

Product Number	EWP-SS-COMBO
Product Name	Pentair Pro Enviro Salt-Free Conditioning Space Saver Combo System
Flow Rate (gpm)	5
System Dimensions  (h  x  w  x  I)	30" x 17" x 13"
Inlet/Outlet Size	1"



#### Note: Cartridge-Based Whole House System

### **SALT-FREE CONDITIONING COMBO SYSTEMS**

Product Number	PRO-Combo-1044	PRO-Combo-1344
Product Name	Pentair Pro Enviro Whole House Carbon Filtration and Salt-Free Conditioning System	
Sediment Filter	10" Sediment Filter Kit	10" Sediment Filter Kit
Media Volume (cu ft)	3/4′	11/4′
Flow Rate*(gpm)	12	17
Tank Size (dia x h)	Resin Tank Size 8" x 44" Carbon Tank Size 10" x 44"	Resin Tank Size 8" x 44" Carbon Tank Size 13" x 44"
Home Size (Number of Bathrooms)	1–3	4-6
Inlet/Outlet Size	1"	1"



#### SALT-FREE CONDITIONING HIGH-FLOW COMBO SYSTEMS

Product Number	EWP-20HF	EWP-34HF			
Product Name	Pentair Pro Enviro High-Flow Whole House Carbon Filtration and Salt-Free Conditioning System				
Sediment Filter	20" Sediment Filter Kit	20" Sediment Filter Kits and Circulation Pump (2)			
Media Volume (cu ft)	3′	3′			
Flow Rate (gpm)	20	34			
Tank Size (dia x h)	Resin Tank Size 13" x 54" Carbon Tank Size 16" x 65"	Resin Tank Size 13" x 54" Carbon Tank Size 13" x 54"(2)			
Home Size (Number of Bathrooms)	Large Homes, High Flow Fixtures, or Light Commercial Applications	Large Homes, High Flow Fixtures, or Light Commercial Applications			



Inlet/Outlet Size 1 1/2" 1 1/2"

## PENTAIR AND VIQUA ULTRAVIOLET UV FILTRATION SYSTEMS

### BASIC & STANDARD ULTRAVIOLET (UV) TREATMENT SYSTEMS

Product Number	PUV-7-P	PUV-14-P	PUV-8-P	PUV-16-P	
Product Name	Pentair Whole House Ultraviolet Light System				
Controller (w x h)	6.8" x 3.2" (Power Supply/ Controller Combo)	6.8" x 3.2" (Power Supply/ Controller Combo)	8.5" × 6"	8.5" × 6"	
Flow Rate NSF/EPA 40mJ/cm2 @ 95% UVT*(gpm)	7	14	9	16	
<b>Dimensions</b> (h x d)	24" x 3"	18" x 4"	21" x 4"	30" x 4"	
Home Size (Number of Bathrooms)	1–3	4-6	1–3	4-6	
Inlet/Outlet Size	3/4" FNPT	3/4" FNPT	1" MNPT	1" MNPT	



#### PRO ULTRAVIOLET (UV) TREATMENT SYSTEMS

Product Number	650647	650653	650659	660003-R	
Product Name	UV Max Pro Disinfection System				
Controller (w x h)	13" x 6.5"	13" x 6.5"	13" x 6.5"	13" x 6.5"	
Flow Rate NSF/EPA 40mJ/cm2 @ 95% UVT*(gpm)	10	20	30	50	
<b>Dimensions</b> (h x d)	21" x 4"	31" × 4"	41" × 4"	41" x 4"	
Home Size (Number of Bathrooms)	1-3	4-6	7+ & Custom Applications	7+ & Custom Applications	
Inlet/Outlet Size	1 1/4" NPT/1" FNPT	1 1/4" NPT/1" FNPT	1 1/4" NPT/1" FNPT	2" MNPT	



For more information visit: **pentair.com/wholesale-filtration**For Pentair Product Warranties visit: **pentair.com/assets/residential-filtration-warranty** 

