



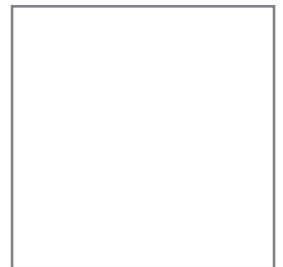
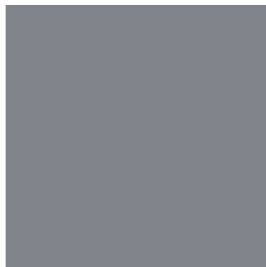
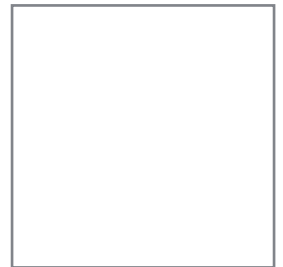
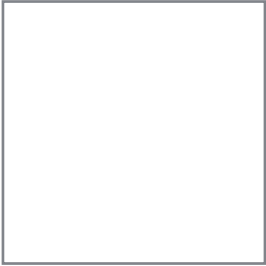
CLEAN WATER GROUP



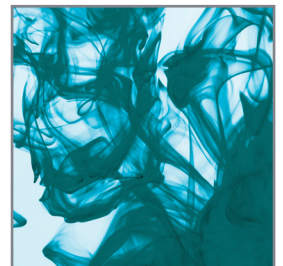



# Autotrol

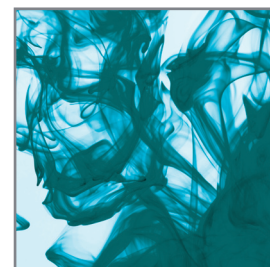
Pentair Water



*Application date 01/01/2010*



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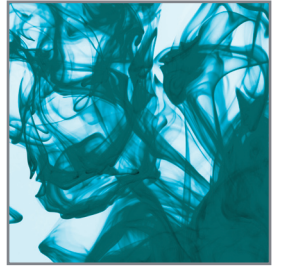
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Valve		Controller		Flow Rates m <sup>3</sup> /h		Type		Application Remarks
Model	Commercial name	Model	Features	Service @ 1.05 bar drop	Backwash @ 1.09 bar drop	5/7 cycles	3 cycles Filter	
<b>255-253 Series</b>								
255	255	440i	Mechanical Time Clock	3.5	1.47	x		
255	255	450i	Impulse	3.5	1.47	x		
255	255	460i	Electronic Volumetric	3.5	1.47	x		
253	253	440i	Mechanical Time Clock	3.5	1.47		x	
255	Logix 255	740	Electronic Time Clock	3.5	1.47	x	(1)	
255	Logix 255	760	Electronic Volumetric	3.5	1.47	x	(1)	
255	Logix 255	742	Electronic Time Clock	3.5	1.47	x	(2)	
255	Logix 255	762	Electronic Volumetric	3.5	1.47	x	(2)	
255	Logix 255 Twin	764 <sup>(3)</sup>	Electronic Volumetric	3.5 in mode A, 7 in mode P	1.47 per tank	x	x	2 tanks system, works in parallel or alternating, for High flow or continuous applications
255	Logix 255 L	764 <sup>(3)</sup>	Electronic Volumetric	3.5 x nb of tank	1.47 per tank	x	x	Single or multi single tank system, works in parallel with lock out, for single or multi single tanks applications

<sup>(1)</sup> Controller 740 can be converted into 740F ; Controller 760 can be converted into 760F

<sup>(2)</sup> Controller 742 can be converted into 742F; Controller 762 can be converted into 762F

<sup>(3)</sup> Controller 764 can be used for twin alternating or parallel systems and for single or multi single tank systems depending on the programming, for both softening or filtering applications.



# PERFORMA

Valve		Controller		Flow Rates m <sup>3</sup> /h		Type		Application Remarks
Model	Commercial name	Model	Features	Service @ 1.05 bar drop	Backwash @ 1.09 bar drop	5 cycles	3 cycles Filter	
<b>Performa Series</b>								
268	Performa	440i	Mechanical Time Clock	5.7	3	x		
268	Performa	450i	Impulse	5.7	3	x		
268	Performa	460i	Electronic demand (volume) control	5.7	3	x		
268	Logix Performa	740	Electronic Time Clock	5.7	4.54	x	(1)	
268	Logix Performa	760	Electronic demand (volume) control	5.7	4.54	x	(1)	
268	Logix Performa	742	Electronic Time Clock	5.7	4.54	x	(3)	
268	Logix Performa	762	Electronic demand (volume) control	5.7	4.54	x	(3)	
263	Performa Filter	440i	Mechanical Time Clock	5.7	4.54		x	
263	Performa Filter	450i	Impulse	5.7	4.54		x	
263	Logix Performa Filter	740F	Electronic Time Clock	5.7	4.54	(2)	x	
263	Logix Performa Filter	760F	Electronic demand (volume) control	5.7	4.54	(2)	x	
263	Logix Performa Filter	742F	Electronic Time Clock	5.7	4.54	(4)	x	
263	Logix Performa Filter	762F	Electronic demand (volume) control	5.7	4.54	(4)	x	
268	Performa FA	440i	Mechanical Time Clock	5.7	3	x		FE removal (Greensand) : backwash 20 min
268	Logix Performa FA	742	Electronic Time Clock	5.7	4.54	x		FE removal (Greensand)



(1) Controller 740 can be converted into 740F; Controller 760 can be converted into 760F  
 (2) Controller 740F can be converted into 740 ; Controller 760F can be converted into 760  
 (3) Controller 742 can be converted into 742F; Controller 762 can be converted into 762F  
 (4) Controller 742F can be converted into 742 ; Controller 762F can be converted into 762



# PERFORMA CV

Valve		Controller		Flow Rates m <sup>3</sup> /h		Type		Application Remarks
Model	Commercial name	Model	Features	Service @ 1.05 bar drop	Backwash @ 1.09 bar drop	5 cycles	3 cycles Filter	
<b>Performa Cv Series</b>								
278	Logix Performa Cv	742	Electronic Time Clock	5.7	4.54	x	(1)	
278	Logix Performa Cv	762	Electronic Volumetric	5.7	4.54	x	(1)	
278	Performa Cv 764 Twin	764 <sup>(2)</sup>	Electronic Volumetric	5.7 in alternating mode or 11,4 in parallel mode	4.54	x	x	2 tanks system, works in parallel or alternating, for High flow or continuous applications
278	Performa Cv 764L	764 <sup>(2)</sup>	Electronic Volumetric	5.7 x nb of tank	4.54	x	x	Single or multi single tank system, works in parallel with lock out, for single or multi single tanks applications

<sup>(1)</sup> Controller 742 can be converted into 742F; Controller 762 can be converted into 762F

<sup>(2)</sup> Controller 764 can be used for twin alternating or parallel systems and for single or multi single tank systems depending on the programming, for both softening or filtering applications.



# MAGNUM

Valve		Controller		Flow Rates m <sup>3</sup> /h		Type	
Model	Commercial name	Model	Features	Service @ 1,05 bar drop	Backwash @ 1,09 bar drop	5 cycles	3 cycles Filter

## Magnum Cv (1" ½)

<b>298 Cv NHWB</b>	Magnum Cv 742 Logix	<b>742</b>	Electronic Time Clock	18.2	20	x	
<b>298 Cv NHWB</b>	Magnum Cv 762 Logix	<b>762</b>	Electronic Volumetric	18.2	20	x	
<b>293 Cv NUWB</b>	Magnum Cv 742F Logix	<b>742F</b>	Electronic Time Clock	18.2	20		x
<b>293 Cv NUWB</b>	Magnum Cv 762F Logix	<b>762F</b>	Electronic demand (volume) control	18.2	20		x
<b>298 Cv HWB</b>	Magnum Cv 742 Logix	<b>742</b>	Electronic Time Clock	18.2	20	x	
<b>298 Cv HWB</b>	Magnum Cv 762 Logix	<b>762</b>	Electronic Volumetric	18.2	20	x	
<b>293 Cv UWB</b>	Magnum Cv 742F Logix	<b>742F</b>	Electronic Time Clock	18.2	20		x
<b>293 Cv UWB</b>	Magnum Cv 762F Logix	<b>762F</b>	Electronic demand (volume) control	18.2	20		x



## Magnum IT (2") (internal turbine 2" Turbine)

<b>298 IT NHWB</b>	Magnum IT 742 Logix	<b>742</b>	Electronic Time Clock	18.2	20	x	
<b>298 IT NHWB</b>	Magnum IT 762 Logix	<b>762</b>	Electronic Volumetric	18.2	20	x	
<b>293 IT NUWB</b>	Magnum IT 742F Logix	<b>742F</b>	Electronic Time Clock	18.2	20		x
<b>293 IT NUWB</b>	Magnum IT 762F Logix	<b>762F</b>	Electronic demand (volume) control	18.2	20		x
<b>298 IT HWB</b>	Magnum IT 742 Logix	<b>742</b>	Electronic Time Clock	18.2	20	x	
<b>298 IT HWB</b>	Magnum IT 762 Logix	<b>762</b>	Electronic Volumetric	18.2	20	x	
<b>293 IT UWB</b>	Magnum IT 742F Logix	<b>742F</b>	Electronic Time Clock	18.2	20		x
<b>293 IT UWB</b>	Magnum IT 762F Logix	<b>762F</b>	Electronic demand (volume) control	18.2	20		x



# MAGNUM

Valve		Controller		Flow Rates m <sup>3</sup> /h		Type	
Model	Commercial name	Model	Features	Service @ 1,05 bar drop	Backwash @ 1,09 bar drop	5 cycles	3 cycles Filter

## Magnum IT (2") Twin and L mode (internal turbine 2" Turbine)

<b>298TW</b>	Magnum IT 764 Twin	<b>764<sup>(1)</sup></b>	Electronic Volumetric	18.2 or 36.4	20 per tank	x	
<b>298L NHWB</b>	Magnum IT 764 L	<b>764<sup>(1)</sup></b>	Electronic Volumetric	18.2 x nb of tank	20 per tank	x	
<b>298L HWB</b>	Magnum IT 764 L	<b>764<sup>(1)</sup></b>	Electronic Volumetric	18.2 x nb of tank	20 per tank	x	
<b>293TW</b>	Magnum IT 764 Twin	<b>764<sup>(1)</sup></b>	Electronic demand (volume) control	18.2 or 36.4	20 per tank		x
<b>293L NUWB</b>	Magnum IT 764 L	<b>764<sup>(1)</sup></b>	Electronic demand (volume) control	18.2 x nb of tank	20 per tank		x
<b>293L UWB</b>	Magnum IT 764 L	<b>764<sup>(1)</sup></b>	Electronic demand (volume) control	18.2 x nb of tank	20 per tank		x

<sup>(1)</sup> Controller 764 can be used for twin alternating or parallel systems and for single or multi single tank systems depending on the programming, for both softening or filtering applications.

NHWB = Non Hard Water Bypass - HWB = Hard Water Bypass - NUWB = Non Unfiltered Water Bypass - UWB = Unfiltered Water Bypass





## Ordering information

Valid from 01/01/2010



255 Valves with 400 Series Controllers .....	<b>12</b>
255 Logix Valves with Logix Controllers .....	<b>13</b>
268 Performa Valves with 400 Series Controllers .....	<b>14</b>
263 Performa Valves with 400 Series Controllers .....	<b>15</b>
268FA Performa Valves with 400 Series Controllers .....	<b>16</b>
268 Logix Valves with Logix Controllers .....	<b>17</b>
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268FA Logix Valves with 742 Logix Controller .....	<b>19</b>
278 Logix Valves with Logix Controllers .....	<b>20</b>
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## 255 VALVES WITH 400 SERIES CONTROLLERS

Ordering example	255	44i	A	B	10	ST	118	EN	L5	7R	EW1
<b>Valve Body</b> 255											
<b>Timer</b> 44i: Time Clock 440i Timer 46i: Electronic Volumetric 460i Timer 45iHV: Impulse 450i High Voltage (24VAC)											
<b>Refill Flow Control</b> A: 1 to 10 LBS (0.5 to 5 kg) B: 3 to 19 LBS (1.5 to 9 kg)											
<b>Injector</b> A: Up to 24 l of resin B: Up to 49 l of resin C: Up to 74 l of resin D: Up to 100 l of resin											
<b>Backwash Flow Control</b> 07: for 7" Vessel ø Softener 08: for 8" Vessel ø Softener 09: for 9" Vessel ø Softener 10: for 10" Vessel ø Softener 12: for 12" Vessel ø Softener 13: for 13" Vessel ø Softener 14: for 14" Vessel ø Softener											
<b>Camshaft</b> ST: Standard (up to 60 l of resin) XS: Extra Salt LR: Long Rinse WS: Water Saving											
<b>Timer Regeneration Length</b> 118: 118 min (standard) 90: 90 min (up to 42 l of resin) 59: 59 min (up to 17 l of resin)											
<b>Language</b> FR: French (440i and 450i only) SP: Spanish (440i and 450i only) DE: German (440i and 450i only) IT: Italian (440i and 450i only) EN: English SYM : Symbols (460i only)											
<b>Power</b> L5: 12VAC 50 Hz (440i and 460i only) L6: 12VAC 60 Hz (440i and 460i only) M2: 230VAC 50 Hz (450i only) M5: 24VAC 60 Hz (450i only) M6: 24VAC 50 Hz (450i only)											
<b>Day Wheel</b> (440i only, leave blank for 460i and 450i) 7R: 7 days 6R: 6 days											
<b>Transformer</b> EW1: 12 VAC European Plug (440i-460i) BW1: 12 VAC British Plug (440i-460i) NO: None (for 450i HV)											

- 255/400 Series Valves will be supplied with Aircheck Kit and standard 400 Series black cover. Should you need a non standard cover, please order it separately.
- 255 with 460i controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 255 with 440i controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 440i and 460i controllers are supplied in 12VAC 50 Hz as standard. 450i are supplied in 24V or 230 VAC 50 Hz without transformers.

## 255 LOGIX VALVES WITH LOGIX CONTROLLERS

Ordering example	255	742	8"	EU
<b>Valve Body</b> 255				
<b>Timer</b> 740: Electronic Time Clock 740 Timer 760: Electronic Volumetric 760 Timer 742: Electronic Time Clock 742 Timer 762: Electronic Volumetric 762 Timer 764TW: Electronic Volumetric 764 twin Timer 764L: Electronic Volumetric 764 single or multi single Timer				
<b>Vessel Diameter</b> 6": 6" vessel ø Softener (Inj E, refill .33, BW #6) 7": 7" vessel ø Softener (Inj F, refill .33, BW #7) 8": 8" vessel ø Softener (Inj G, refill .33, BW #8) 9": 9" vessel ø Softener (Inj H, refill .33, BW #9) 10": 10" vessel ø Softener (Inj J, refill .33, BW #10) 12": 12" vessel ø Softener (Inj K, refill .33, BW #12) 13": 13" vessel ø Softener (Inj L, refill .33, BW #13) 14": 14" vessel ø Softener (Inj L, refill .33, BW #14)				
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug				

- 255/Logix Valves will be supplied with Aircheck Kit and standard Logix black cover. Should you need a non standard cover, please order it separately from the valve.
- 255 with 760 and 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 255 with 740 and 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 255 valves are supplied with English Overlay (Softener, with check salt led) as standard. If another language or mode is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Chlorine Generator & Check Salt Kit is to be ordered separately from the valve. Please refer to Spare Parts List.

### Valves Configurations upon tank size selection

Vessel Diameter (inches)	6	7	8	9	10	12	13	14
<b>Injector Flow control</b>	E	F	G	H	J	K	L	L
<b>Refill Flow control</b>	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
<b>Backwash Flow control</b>	# 6	# 7	# 8	# 9	# 10	# 12	# 13	# 14

## 268 PERFORMA VALVES WITH 400 SERIES CONTROLLERS

Ordering example	268	46i	B	C	12	ST	118	LE	L5	7R	EW1
<b>Valve Body</b> 268											
<b>Timer</b> 44i: Time Clock 440i Timer 46i: Volumetric 460i Timer 45i: Impulse 450i High Voltage (24VAC)											
<b>Refill Flow Control</b> A: 1 to 10 LBS (0.5 to 5 kg) for 440i, 460i, 450i B: 3 to 19 LBS (1.5 to 9 kg) for 440i, 460i, 450i											
<b>Injector</b> A: Up to 24 l of resin B: Up to 49 l of resin C: Up to 74 l of resin D: Up to 100 l of resin											
<b>Backwash Flow Control</b> 07: for 7" Vessel ø Softener 08: for 8" Vessel ø Softener 09: for 9" Vessel ø Softener 10: for 10" Vessel ø Softener 12: for 12" Vessel ø Softener 13: for 13" Vessel ø Softener 14: for 14" Vessel ø Softener											
<b>Camshaft</b> ST: Standard (up to 60 l of resin) LR: Long Rinse XS: Extra Salt											
<b>Timer Regeneration Length</b> 118: 118 min (standard) 90: 90 min 59: 59 min											
<b>Language</b> FR: French (440i and 450i only) SP: Spanish (440i and 450i only) DE: German (440i and 450i only) IT: Italian (440i and 450i only) EN: English SYM : Symbols (460i only)											
<b>Power</b> L5: 12VAC 50 Hz (440i and 460i only) L6: 12VAC 60 Hz (440i and 460i only) M2: 230VAC 50 Hz (450i only) M5: 24VAC 60 Hz (450i only) M6: 24VAC 50 Hz (450i only)											
<b>Day Wheel</b> (440i only, leave blank for 460i and 450i) 7R: 7 days 6R : 6 days											
<b>Transformer</b> EW1: 12VAC European Plug (440i-460i) BW1: 12VAC British Plug (440i-460i) NO: None (for 450i HV)											

- 268/400 Series Valves will be with standard 400 Series black cover. Should you need a non standard cover, please order it separately.
- 268 with 460i controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 268 with 440i or 450i controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 440i and 460i controllers are supplied in 12VAC 50 Hz as standard. 450i are supplied in 24V or 230 VAC 50 Hz without transformers.



## 263 PERFORMA VALVES WITH 400 SERIES CONTROLLERS

Ordering example	263	44i	13	LE	L5	7R	118	EW1
<b>Valve Body</b> 263								
<b>Timer</b> 44i: Time Clock 440i Timer 45i: Impulse 450i High Voltage (24VAC)								
<b>Backwash Flow Control</b> 00: Cap Only (External Drain Line Flow Control required) 07: Internal, 1.2 gpm (4.5 l/min) 08: Internal, 1.6 gpm (6.1 l/min) 09: Internal, 2.0 gpm (7.6 l/min) 10: Internal, 2.5 gpm (9.5 l/min) 12: Internal, 3.5 gpm (13.2 l/min) 13: Internal, 4.1 gpm (15.5 l/min) 14: Internal, 4.8 gpm (18.2 l/min)								
<b>Language</b> FR: French SP: Spanish DE: German IT: Italian EN: English								
<b>Power</b> L5: 12VAC 50 Hz (440i and 460i only) L6: 12 VAC 60 Hz (440i and 460i only) M2: 230 VAC 50 Hz (450i only) M5: 24 VAC 60 Hz (450i only) M6: 24 VAC 50 Hz (450i only)								
<b>Day Wheel</b> (440i only, leave blank for 450i) 7R: 7 days 6R : 6 days								
<b>Timer Regeneration Length</b> 118: 118 min (standard) 90: 90 min 59: 59 min								
<b>Transformer</b> EW1: 12 VAC European Plug (440i-460i) BW1: 12 VAC British Plug (440i-460i) NO: None (for 450i HV)								

- 263/400 Series Valves will be supplied with standard 400 Series black cover. Should you need a non standard cover, please order it separately.
- 263 with 440i controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 440i and 460i controllers are supplied in 12VAC 50 Hz as standard. 450i are supplied in 24V or 230VAC 50 Hz without transformers.

## 268FA PERFORMA VALVES WITH 400 SERIES CONTROLLERS

Ordering example	268FA	44i	C	12	LE	7R	118	EW1
<b>Valve Body</b> 268FA								
<b>Timer</b> 44i: Time Clock 440i Timer								
<b>Injector</b> A: Injector A B: Injector B C: Injector C D: Injector D								
<b>Backwash Flow Control</b> 00: Cap Only (External Drain Line Flow Control required) 07: Internal, 1.2 gpm (4.5 l/min) 08: Internal, 1.6 gpm (6.1 l/min) 09: Internal, 2.0 gpm (7.6 l/min) 10: Internal, 2.5 gpm (9.5 l/min) 12: Internal, 3.5 gpm (13.2 l/min) 13: Internal, 4.1 gpm (15.5 l/min) 14: Internal, 4.8 gpm (18.2 l/min)								
<b>Language</b> FR: French SP: Spanish DE: German IT: Italian EN: English								
<b>Day Wheel</b> 7R: 7 days								
<b>Timer Regeneration Length</b> 118 : 118 min (standard)								
<b>Transformer</b> EW1: 12 VAC European Plug (440i-460i) BW1 : 12 VAC British Plug (440i-460i)								

- 268FA/400 Series Valves will be with standard 400 Series black cover. Should you need a non standard cover, please order it separately from the valve. Please report to Spare Parts List.
- 268FA with 440i controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 440i and 460i Series controllers are supplied in 12VAC 50 Hz as standard.

## 268 LOGIX VALVES WITH LOGIX CONTROLLERS

Ordering example	268	762	12"	EU
<b>Valve Body</b> 268				
<b>Timer</b> 740: Electronic Time Clock 740 Timer 760: Electronic Volumetric 760 Timer 742: Electronic Time Clock 742 Timer 762: Electronic Volumetric 762 Timer				
<b>Vessel Diameter</b> 6": 6" vessel ø Softener (Inj E, refill .33, BW #6) 7": 7" vessel ø Softener (Inj F, refill .33, BW #7) 8": 8" vessel ø Softener (Inj G, refill .33, BW #8) 9": 9" vessel ø Softener (Inj H, refill .33, BW #9) 10": 10" vessel ø Softener (Inj J, refill .33, BW #10) 12": 12" vessel ø Softener (Inj K, refill .33, BW #12) 13": 13" vessel ø Softener (Inj L, refill .33, BW #13) 14": 14" vessel ø Softener (Inj L, refill .33, BW #14)				
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug				

- 268/Logix Valves will be supplied with standard Logix black cover. Should you need a non standard cover, please order it separately.
- 268 with 760 and 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 268 with 740 and 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 268 valves are supplied with English Overlay (Softener, with check salt led) as standard. If another language is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Chlorine Generator & Check Salt Kit is to be ordered separately from the valve. Please refer to Spare Parts List.

### Valves Configurations upon tank size selection

Vessel Diameter (inches)	6	7	8	9	10	12	13	14
<b>Injector Flow control</b>	E	F	G	H	J	K	L	L
<b>Refill Flow control</b>	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
<b>Backwash Flow control</b>	# 6	# 7	# 8	# 9	# 10	# 12	# 13	# 14

## 263 LOGIX VALVES WITH LOGIX CONTROLLERS

Ordering example	263	742F	8"	EU
<b>Valve Body</b> 263				
<b>Timer</b> 740F: Electronic Time Clock 740 Timer 760F: Electronic Volumetric 760 Timer 742F: Electronic Time Clock 742 Timer 762F: Electronic Volumetric 762 Timer				
<b>Vessel Diameter</b> 6": 6" vessel ø 7": 7" vessel ø 8": 8" vessel ø 9": 9" vessel ø 10": 10" vessel ø 12": 12" vessel ø 13": 13" vessel ø 14": 14" vessel ø				
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug				

- 263/Logix Valves will be supplied with standard Logix black cover. Should you need a non standard cover, please order it separately.
- 263 with 760 and 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 263 with 740 and 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 263 valves are supplied with English Overlay (filter) as standard. If another language or mode is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Backwash Flow control is to be ordered separately from the valve. Please refer to Spare Parts List.

### Valves Configurations upon tank size selection

Vessel Diameter (inches)	6	7	8	9	10	12	13-14	16	18	21-24
<b>Injector Flow control</b>	E	F	G	H	J	K	L	M	N	R
<b>Refill Flow control</b>	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug
<b>Backwash Flow control</b>	To be ordered separately from the valve									

### Backwash Flow Control selection Chart (Spare Parts List for the reference you need)

Tank Diameter (inches)	6	7	8	9	10	12	13	14	16	18	21	24
<b>Backwash @ 8 gpm/sqft (19.6 m/h)<sup>(1)</sup></b>	1.6 gpm	2 gpm	2.5 gpm	3.5 gpm	4.1 gpm	6 gpm	7 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm
<b>Backwash Flow control</b>	# 8	# 9	# 10	# 12	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>
<b>Backwash @ 10 gpm/sqft (24.5 m/h)<sup>(1)</sup></b>	1.6 gpm	2.5 gpm	3.5 gpm	4.1 gpm	5 gpm	7 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm	
<b>Backwash Flow control</b>	# 8	# 10	# 12	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	
<b>Backwash @ 12 gpm/sqft (29.4 m/h)<sup>(1)</sup></b>	2 gpm	2.5 gpm	4.1 gpm	5 gpm	6 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm		
<b>Backwash Flow control</b>	# 9	# 10	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>		
<b>Backwash @ 15 gpm/sqft (36.75 m/h)<sup>(1)</sup></b>	2.5 gpm	3.5 gpm	5 gpm	6 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm			
<b>Backwash Flow control</b>	# 10	# 12	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>			

<sup>(1)</sup> Indicative backwash values only ; backwash @ 12 gpm/Sqft for Manganese Greensand. Refer to your media manufacturer for more details

<sup>(2)</sup> external drain line flow control. Values in the chart are calculated and rounded to the next lowest value of existing flow control.

# 268FA LOGIX VALVES WITH 742 LOGIX CONTROLLER

Ordering example	268FA	742	12"	EU
<b>Valve Body</b> 268FA				
<b>Timer</b> 742: Electronic Time Clock 742 Timer				
<b>Vessel Diameter</b> 6": 6" vessel ø (Inj E, DI Refill Cap) 7": 7" vessel ø (Inj F, DI Refill Cap) 8": 8" vessel ø (Inj G, DI Refill Cap) 9": 9" vessel ø (Inj H, DI Refill Cap) 10": 10" vessel ø (Inj J, DI Refill Cap) 12": 12" vessel ø (Inj K, DI Refill Cap) 13": 13" vessel ø (Inj L, DI Refill Cap) 14": 14" vessel ø (Inj L, DI Refill Cap) 16": 16" vessel ø (Inj M, DI Refill Cap) 18": 18" vessel ø (Inj N, DI Refill Cap)				
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug				

- 268FA/Logix Valves will be supplied with standard Logix black cover. Should you need a non standard cover, please order it separately.
- 268FA with 742 controller are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 268 valves are supplied with English Overlay as standard. If another language is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Backwash Flow control is to be ordered separately from the valve. Please refer to Spare Parts List.

Valves Configurations upon tank size selection										
<b>Vessel Diameter (inches)</b>	6	7	8	9	10	12	13-14	16	18	21-24
<b>Injector Flow control</b>	E	F	G	H	J	K	L	M	N	R
<b>Refill Flow control</b>	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug
<b>Backwash Flow control</b>	To be ordered separately from the valve, please report to chart below.									

Backwash Flow Control selection Chart (Spare Parts List for the reference you need)										
<b>Tank Diameter (inches)</b>	6	7	8	9	10	12	13	14	16	18
<b>Backwash @ 12 gpm/sqft (29.4 m/h)<sup>(1)</sup></b>	2 gpm	2.5 gpm	4.1 gpm	5 gpm	6 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm
<b>Backwash Flow control</b>	# 9	# 10	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>

<sup>(1)</sup> Indicative backwash values only ; backwash @ 12 gpm/Sqft for Manganese Greensand. Refer to your media manufacturer for more details

<sup>(2)</sup> external drain line flow control. Values in the chart are calculated and rounded to the next lowest value of existing flow control.

## 278 LOGIX VALVES WITH LOGIX CONTROLLERS

Ordering example	278	762	14"	EU
<b>Valve Body</b> 278				
<b>Timer</b> 742: Electronic Time Clock 742 Timer 762: Electronic Volumetric 762 Timer 764TW: Electronic Volumetric 764 twin Timer 764L: Electronic Volumetric 764 single or multi single Timer				
<b>Vessel Diameter</b> 9": 9" vessel ø Softener (Inj H, refill .33, BW #9) (with 764TW or L only) 10": 10" vessel ø Softener (Inj J, refill .33, BW #10) (with 764TW or L only) 13": 13" vessel ø Softener (Inj L, refill .33, BW #13) (with 764TW or L only) 14": 14" vessel ø Softener (Inj M, refill 1.3, BW #14) 16": 16" vessel ø Softener (Inj N, refill 1.3, ext. BW 7 gpm) 18": 18" vessel ø Softener (Inj Q, refill 1.3, ext. BW 9 gpm) 21": 21" vessel ø Softener (Inj R, refill 1.3, ext. BW 12 gpm)				
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug				

- 278/Logix Valves will be supplied with standard Logix black cover and backwash flow control as written in the table below. Should you need a non standard cover, please order it separately.
- 278 with 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 278 with 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers are supplied with English Overlay (Softener, without check salt led) as standard. If another language or mode is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Chlorine Generator & Check Salt Kit is to be ordered separately from the valve (usable only with 764L for tank sizes 9", 10" and 13"). Please refer to Spare Parts List.

### Valves Configurations upon tank size selection

Vessel Diameter (inches)	9 (764 only)	10 (764 only)	13 (764 only)	14	16	18	21
<b>Injector Flow control</b>	H	J	L	M	N	Q	R
<b>Refill Flow control</b>	0.33	0.33	0.33	1.3	1.3	1.3	1.3
<b>Backwash Flow control</b>	# 9	# 10	# 13	# 14	ext. 7 gpm	ext. 9 gpm	ext. 12 gpm



## 273 LOGIX VALVES WITH LOGIX CONTROLLERS

Ordering example	273	742F	14"	EU
<b>Valve Body</b> Performa CV				
<b>Timer</b> 742F: Electronic Time Clock 742 Timer 762F: Electronic Volumetric 762 Timer 764TW: Electronic Volumetric 764 twin Timer 764L: Electronic Volumetric 764 single or multi single Timer				
<b>Vessel Diameter</b> F: for filtering applications. DLFC to order separately 9": 9" vessel ø (with 764TW or L only) 10": 10" vessel ø (with 764TW or L only) 13": 13" vessel ø (with 764TW or L only) 14": 14" vessel ø 16": 16" vessel ø 18": 18" vessel ø 21": 21" vessel ø				
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug				

- 273/Logix Valves will be supplied with standard Logix black cover. Should you need a non standard cover, please order it separately from the valve refer to Spare Parts List.
- 273 with 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 273 with 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 273 valves are supplied with English Overlay (Filter) as standard. If another language is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Part List Spare Parts List.
- 273 valves are supplied without Backwash flow control, you need to order it separately from the valve. Please refer to Spare Parts List.

### Valves Configurations upon tank size selection

Vessel Diameter (inches)	9 (764 only)	10 (764 only)	13 (764 only)	14	16	18	21
<b>Injector Flow control</b>	H	J	L	M	N	Q	R
<b>Refill Flow control</b>	Plug	Plug	Plug	Plug	Plug	Plug	Plug
<b>Backwash Flow control</b>	To be ordered separately from the valve.						

### Backwash Flow Control selection Chart (Spare Parts List for the reference you need)

Tank Diameter (inches)	6	7	8	9	10	12	13	14	16	18	21	24
<b>Backwash @ 8 gpm/sqft (19.6 m/h)<sup>(1)</sup></b>	1.6 gpm	2 gpm	2.5 gpm	3.5 gpm	4.1 gpm	6 gpm	7 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm
<b>Backwash Flow control</b>	# 8	# 9	# 10	# 12	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>
<b>Backwash @ 10 gpm/sqft (24.5 m/h)<sup>(1)</sup></b>	1.6 gpm	2.5 gpm	3.5 gpm	4.1 gpm	5 gpm	7 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm	
<b>Backwash Flow control</b>	# 8	# 10	# 12	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	
<b>Backwash @ 12 gpm/sqft (29.4 m/h)<sup>(1)</sup></b>	2 gpm	2.5 gpm	4.1 gpm	5 gpm	6 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm		
<b>Backwash Flow control</b>	# 9	# 10	# 13	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>		
<b>Backwash @ 15 gpm/sqft (36.75 m/h)<sup>(1)</sup></b>	2.5 gpm	3.5 gpm	5 gpm	6 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm			
<b>Backwash Flow control</b>	# 10	# 12	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>	Ext <sup>(2)</sup>			

<sup>(1)</sup> Indicative backwash values only ; backwash @ 12 gpm/Sqft for Manganese Greensand. Refer to your media manufacturer for more details

<sup>(2)</sup> external drain line flow control. Values in the chart are calculated and rounded to the next lowest value of existing flow control.

## 298 MAGNUM (5 CYCLES) VALVES WITH LOGIX CONTROLLERS

Ordering example	298IT	762	04	01	30	EU	NTA
<b>Valve Body</b> 298 Cv 298 IT							
<b>Timer</b> 742 762 764TW (only with Magnum IT valves) 764L (only with Magnum IT valves)							
<b>Turbine Option</b> 01: 2" ext. turbine with 2" PVC adapters (Cv models only) 02: 2" ext. Turbine with 2" BSP inox (Cv models only) 03: 2" ext. Turbine with 63 mm ISO adapters (Cv models only) 04: Magnum IT Int. Turbine (IT models only) NT: No turbine							
<b>Bypass Option</b> 01: NHB 02: HWB							
<b>Tank Size</b> 14 : for 14" Vessel ø 16 : for 16" Vessel ø 18 : for 18" Vessel ø 20 : for 20" Vessel ø 24 : for 24" Vessel ø 30 : for 30" Vessel ø 36 : for 36" Vessel ø							
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug							
<b>Tank Adapter Option</b> :Standard stainless steel threaded adpater (leave blank) NTA: Noryl tank adapter, threaded							

- Logix controllers with 293 valves are supplied with English Overlay (Filter) as standard. If another language is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- 293 valves are supplied without Backwash flow control, you need to order it separately from the valve. Please refer to Spare Parts List. DLFC are available from 5 gpm to 40 gpm. If the required DLFC capacity is above 40gpm you will need to use an external DLFC.

## 293 MAGNUM (3 CYCLES) VALVES WITH LOGIX CONTROLLERS

Ordering example	293IT	742	NT	01	EU
<b>Valve Body</b> 293 Cv 293 IT					
<b>Timer</b> 742 762 764TW (only with Magnum IT valves) 764L (only with Magnum IT valves)					
<b>Turbine Option</b> 01: 2" ext. turbine with 2" PVC adapters (Cv models only) 02: 2" ext. Turbine with 2" BSP inox (Cv models only) 03: 2" ext. Turbine with 63 mm ISO adapters (Cv models only) 04: Magnum IT Int. Turbine (IT models only) NT: No turbine					
<b>Bypass Option</b> 01: NUB 02: UWB					
<b>Transformer Option</b> EU: 12VAC European Standard plug UK: 12VAC British plug					

- Logix controllers with 293 valves are supplied with English Overlay (Filter) as standard. If another language is required, overlays have to be ordered separately from the valve. Please report to Spare Parts List.
- 293 valves are supplied without Backwash flow control, you need to order it separately from the valve. Please refer to Spare Parts List. DLFC are available from 5 gpm to 40 gpm. If the required DLFC capacity is above 40gpm you will need to use an external DLFC.

# 480 CONTROLLER

Ordering example	480QC	N4	T2	D3	24V	2BSP
<b>Controller</b> 480QC: 480 controller with Quick Connect						
<b>Protection</b> N4: NEMA 4						
<b>Turbine</b> T2: 2" turbine T1: 1" turbine						
<b>System type</b> A1: Single unit, immediate regeneration B1: Single unit, delayed regeneration C1: Single unit, delayed regeneration, variable reserve D2: Twin alternating units E2: Twin parallel units D3: Triple parallel units, with Standby mode E3: Triple parallel units						
<b>Power</b> 230V: 230VAC/50 Hz 24V: 24VAC/50 Hz 120V: 120VAC/60 Hz						
<b>Turbine Connections Options</b> 2" turbine (T2): 2BSP: 2" BSP Brass Connections 2EWS: 2" PVC Connections 2MSW: 63mm PVC Connections  1" turbine (T1): 1BSP: 1" BSP Brass Connections 1ESW: 1" PVC Connections 1MSW: 32 mm PVC Connections						

**Warranty conditions for  
Pentair Water Europe products**



## WARRANTY CONDITIONS FOR PENTAIR WATER EUROPE PRODUCTS

### WARRANTIES AND LIABILITY OF THE SELLER

#### Introduction

In the present document the name Pentair Water Europe refers to the legal Entities producing, distributing and selling Pentair Water and outsourced products. In general none of the products made by Pentair Water Europe is a finished good meant to be sold directly to consumers. Pentair Water Europe manufactures, distributes and sells components mainly meant to be part of larger equipments, which are sold to commercial partners (i.e. distributors and/or OEMs). Exceptions to the above warranty conditions will be regulated by specific agreements. This warranty supersedes all previous publications.

#### Warranty Obligations granted by Pentair Water Europe

The products are guaranteed against defects arising from defective materials or workmanship for the following period starting from the day of shipment. Below the main product range manufactured or distributed by Pentair Water Europe. The warranty period refers to the most restrictive case within each product family (the warranty period relevant to each brand is stated in the specific warranty terms of the single brand):

- Valves (FLECK, SIATA): 5 years;
- Electronic boards (FLECK, SIATA): 18 months;
- Motors (FLECK, SIATA): 3 years;
- Valves, electronic boards, motors (AUTOTROL, AQUAMATIC): 5 years EXCEPT Magnum, 172, 180: 3 years & 480 Controllers: 1 year;
- Polyglass pressure vessels, composite pressure vessels, polyester vessels, expansion tanks (STRUCTURAL, WELLMATE): 5 years;
- Vinylester vessels, special vessels, distribution systems, spare parts, aircells (STRUCTURAL, WELLMATE): 2 years;
- Cabinets and brine tanks (PENTAIR PRODUCTS & ACCESSORIES): 2 years;
- Pumps (FLOTEC, NOCCHI, RIVER, SHURFLO): 1 year or more according to the type;
- Swimming pool automatic cleaners (LEGEND, NEW KREEPY KRAULY, E-Z VAC, KREEPY CADET, HOSES, LETRO SWEEP): 2 years or more according to the type;
- Underwater lightings for swimming pools (SAM, SAL, AQUALUMINATOR, AMERLITE, FIBERWORKS): 2 years;
- Swimming pool pumps (CHALLENGER, ULTRAFLOW, WHISPERFLOW, PINNACLE, HYDRONAUT, TRITON JET): 2 years or more according to the type;
- Swimming pool filters (TRITON, TAGELUS, NAUTILUS FNS, FNS PLUS, CLEAN&CLEAR PLUS, AZUR): 2 years or more according to the type;
- Swimming pool automatic sanitizers (AUTOMATIC FEEDER 300/320, COMMERCIAL FEEDER, SALT CHLORINATOR): 2 years or more according to the type;
- Swimming pool heating equipments (MINIMAX HEATPUMP): 2 years;
- Swimming pool controls (COMPOOL, INTELLI TOUCH): 2 years;
- Other filters, cartridges (PENTEK, EVERPURE, GE): 1 year or more according to the type;

Any other Pentair brand or family of product will be guaranteed by Pentair Water Europe no less than what is stated by the EU directive on this subject, by National laws and by commercial habits of Pentair. This warranty is limited to the repair or replacement of the defective parts or to the issue of a credit note for the amount invoiced to the Customers, if judged necessary by the Seller, without any further obligation whatsoever. The goods will be considered as being accepted if no written claim has been made by the Purchaser within 60 days from the receipt of the good. The warranty is granted to the initial Purchaser and will become void when the goods are transferred to a third party. The warranty is only valid provided that the goods are used in accordance with the purpose and with the limits they have been constructed for and proposed by the Seller to the Purchaser. The warranty is valid only if the goods are provided with their original label of identification with which they were shipped from Pentair locations. Should this not be available (removed, illegible) any arrangement will have to be discussed and agreed with your Pentair correspondent. Any irregular use of the goods will automatically cause the warranty to become void (as a partial and not complete example of the above one can state improper repackaging, improper shipping, misapplication, misuse, abuse, negligence, accidental damage, fire, acts of God or other circumstances outside the control of Pentair Water Europe). The Purchaser commits himself to take properly care of the goods, to respect the maintenance, to follow the guidelines of the Seller and to inform the Seller immediately of any defective part or any damage. In case of litigation, the applicable law as well as the competent Court will be the one of the Country where sits the Pentair Water Europe Company which has supplied the goods.

#### Warranties or Representations by Others

No dealer or other person has any authority to make any different warranties or representations concerning Pentair Water Europe Products. Accordingly, Pentair Water Europe nor any of its entities are to be held responsible for any such warranties or representation.

#### Return of the goods

No goods may be forwarded back to the Seller without the prior written authorization by the latter, so called [Return Material Authorization \(RMA\)](#). This authorization does not imply any liability, whether direct or indirect, apparent or hidden, of the Seller and does not suspend in any event the payment owed by the Purchaser at the date they are due. Upon receipt of the written authorization by the Seller specifying also the address to which the defective item/s may be shipped, the Purchaser will send the item/s to the address indicated together with a copy of the RMA received by Pentair Water Europe. This need to be applied externally on the box or supplied with the shipping documents. In case of requests of RMA for returns of new, non defective material due to mistakes of Pentair Water Europe or of the Purchaser the RMA will have to be asked within 60 days from the receipt of the good and sent back within 30 days from the receipt of the RMA. In case of requests of RMA for returns of defective material (under or out of warranty) the RMA can be asked at any time and the item/s returned within 30 days as previously stated.

#### Freight costs

In case of new material to be returned to Pentair because of Customer's mistake, freight costs will be at customer's expense. In case of new material to be returned to Pentair because of Pentair's mistake, freight costs will be at Pentair's expense. In case of defective material under warranty to be returned to Pentair, freight costs will be at Pentair's expense both ways. In case of defective material out of warranty to be returned to Pentair, freight costs will be at Customer's expense both ways.

#### Other rights

This warranty gives you specific legal rights as above described. In addition, consumer's rights are protected where applicable, following European Directives or, in absence of, National laws.



# GEWÄHRLEISTUNGSBEDINGUNGEN FÜR PENTAIR WATER EUROPE PRODUKTE

## GEWÄHRLEISTUNGSVERPFLICHTUNG DES VERKÄUFERS

### Einleitung

Im vorliegenden Schriftstück bezieht sich der Name Pentair Water Europe zur Pentair Water Europe Gruppe gehörenden Unternehmen, die Pentair Water-Erzeugnisse sowie im Rahmen von Outsourcing hergestellte Produkte fertigen, vertreiben und verkaufen. Pentair Water Europe-Produkte sind generell keine fertigen Erzeugnisse, die für den Verkauf an den Endverbraucher gedacht sind. Pentair Water Europe fertigt, vertreibt und verkauft grundsätzlich Komponenten für den Einbau in Größere Systeme oder Anlagen, die an Handelspartner verkauft werden [wie z. B. Vertriebspartner und/oder OEM (Originalhersteller)]. Eventuelle Ausnahmen von den obigen Gewährleistungsbedingungen werden durch gesonderte Vereinbarungen geregelt. Diese Gewährleistungsbedingungen ersetzen – soweit zulässig – die gesetzlichen Regelungen sowie alle vorausgegangenen Gewährleistungs- /oder Garantiebedingungen von Pentair Water Europe.

### Gewährleistung von Pentair Water Europe

Im Fall von Material- oder Verarbeitungsfehlern gilt für alle Produkte eine Gewährleistung von unten aufgeführter Dauer, welche mit dem Versandtag beginnt. Es folgt eine Aufstellung der wichtigsten Produkte, die von Pentair Water Europe gefertigt und vertrieben werden. Die angegebene Gewährleistungszeit gibt die kürzeste Verjährung innerhalb der jeweiligen Produktfamilie an (die genaue Gewährleistungszeit jeder Marke ist in den gesonderten Gewährleistungsbedingungen der betreffenden Marke aufgeführt):

- Ventile (FLECK, SIATA): 5 Jahre;
- Schaltschränke (FLECK, SIATA): 18 Monate;
- Motoren (FLECK, SIATA): 3 Jahre;
- Ventile, Schaltschränke, Motoren (AUTOTROL, AQUAMATIC): 5 Jahre AUSSER Magnum, 172, 180: 3 Jahre & 480 Steuerungen: 1 Jahr;
- Druckbehälter aus Polyglass, Verbund-Druckbehälter, Behälter aus Polyester, Expansionstanks (STRUCTURAL, WELLMATE): 5 Jahre;
- Vinylester-Behälter, Spezialbehälter, Verteilersysteme, Ersatzteile, Luftzelle (STRUCTURAL, WELLMATE): 2 Jahre;
- Boxen und Solebecken (EUROIMPEX): 2 Jahre;
- Pumpen (FLOTEC, NOCCHI, RIVER, SHURFLO): 1 Jahr oder mehr, je nach Typ;
- Automatischer Schwimmbadreiniger (LEGEND, NEW KREEPY KRAULY, E-Z VAC, KREEPY CADET, HOSES, LETRO SWEEP): 2 Jahre oder mehr, je nach Typ;
- Unterwasserbeleuchtung für Schwimmbäder (SAM, SAL, AQUALUMINATOR, AMERLITE, FIBERWORKS): 2 Jahre;
- Schwimmbadpumpen (CHALLENGER, ULTRAFLOW, WHISPERFLOW, PINNACLE, HYDRAINAUT, TRITON JET): 2 Jahre oder mehr, je nach Typ;
- Schwimmbadfilter (TRITON, TAGELUS, NAUTILUS FNS, FNS PLUS, CLEAN&CLEAR PLUS, AZUR): 2 Jahre oder mehr, je nach Typ;
- Automatische Desinfektionssysteme für Schwimmbäder (AUTOMATISCHER CHLORDOSIERER 300/320, GROSSER CHLORDOSIERAUTOMAT, ANLAGEN ZUR ELEKTROLYTISCHEN CHLORPRODUKTION): 2 Jahre oder mehr, je nach Typ;
- Schwimmbadheizsysteme (POMPA DI CALORE MINIMAX): 2 Jahre;
- Schwimmbadsteuerungen (COMPOOL, INTELLI TOUCH): 2 Jahre;
- Sonstige Filter, Patronen (PENTEK, EVERPURE, GE): 1 Jahr oder mehr, je nach Typ.

Für jede sonstige Pentair-Marke oder -Produktfamilie besteht eine Gewährleistung mindestens im Rahmen der geltenden EU-Richtlinie, der nationalen Gesetzgebung sowie den kaufmännischen Gepflogenheiten des Hauses Pentair. Diese Gewährleistung beschränkt sich nach Wahl von Pentair Water Europe auf die Reparatur oder den Austausch der defekten Teile bzw. auf die Ausstellung einer Gutschriftanzeige für den dem Kunden berechneten Betrag. Darüber hinausgehende Verpflichtungen von Pentair Water Europe bestehen nicht. Die Ware wird als abgenommen betrachtet, sofern der Käufer nicht innerhalb von 60 Tagen nach Wareneingang eine schriftliche Beanstandung absendet. Die Gewährleistung gilt nur gegenüber dem ursprünglichen Käufer und verfällt bei Weitergabe der Ware an Dritte. Die Gewährleistung gilt nur unter der Voraussetzung, dass die Ware bestimmungsgemäß sowie innerhalb der Grenzen verwendet wird, für welche sie hergestellt und dem Käufer vom Verkäufer angeboten wurde. Die Gewährleistung ist nur gültig, wenn die Ware mit dem Original-Kennzeichnungsetikett geliefert wird, mit dem sie von Pentair Water Europe aus versandt wurde. In Ermangelung dieses Etiketts (falls entfernt oder unleserlich) sind mit dem Pentair-Partner gesonderte Vereinbarungen zu treffen. Jede unsachgemäße Verwendung der Ware führt zum Ausschluß der Gewährleistung (neben weiteren Beispielen gehören hierzu unter anderem: unangemessene Wiederverpackung, ungeeigneter Versand, falsche Anwendung, unsachgemäße Verwendung, Missbrauch, Nachlässigkeit, fahrlässige Beschädigung, Brand, höhere Gewalt oder sonstige Umstände, die sich der Kontrolle von Pentair Water Europe entziehen). Der Käufer verpflichtet sich, die Ware sachgemäß zu behandeln, die Wartungshinweise zu beachten, die Anweisungen des Verkäufers zu befolgen und Letzteren unverzüglich über jeden etwaigen Defekt oder Schaden zu informieren. Im Fall eines Rechtsstreits gelten anwendbares Recht und zuständiger Gerichtsstand des Landes, in welchem die Pentair Water Europe-Filiale ansässig ist, welche die Ware geliefert hat.

### Gewährleistungen oder Erklärungen Dritter

Händler oder sonstige Person sind nicht befugt, mit Bezug auf die Pentair Water Europe-Produkte anders lautende Garantien oder Gewährleistungen auszusprechen oder anderweitige Erklärungen abzugeben. Weder Pentair Water Europe noch irgendeine ihrer verbundenen Gesellschaften haften für derartige anders lautenden Erklärungen.

### Warenrücksendung

Warenrücksendungen an den Verkäufer sind nur nach schriftlicher Einwilligung desselben gestattet, welche im Zuge einer sogenannten **Materialrücksendungsgenehmigung (RMA: Return Material Authorization)** erfolgen muss. Besagte Genehmigung bedeutet keine Anerkennung eines Gewährleistungsanspruches – weder direkt noch indirekt, weder scheinbar noch verborgen – seitens des Verkäufers und berechtigt den Käufer nicht zur Aussetzung seiner Zahlungsverpflichtungen. Die, bisherige Fälligkeit bleibt weiterhin bestehen. Bei Erhalt der schriftlichen Genehmigung des Verkäufers, die auch die Lieferanschrift für die Rücksendung des oder der defekten Produkte enthält, verschickt der Käufer die betreffenden Produkte an die angegebene Adresse und fügt der Sendung eine Kopie der von Pentair Water Europe erhaltenen RMA bei. Dieses Schriftstück muss außen am Karton angebracht oder zusammen mit den Versandpapieren geliefert werden. RMA-Anfragen für die Rücksendung von neuem, nicht defektem Material aufgrund von Fehlern seitens Pentair Water Europe oder des Käufers sind innerhalb von 60 Tagen nach Warenerhalt einzureichen; die Warenrücksendung muss innerhalb von 30 Tagen nach Eingang der RMA stattfinden. RMA-Anfragen für die Rücksendung von defektem Material (inner- oder außerhalb der Garantie) können jederzeit eingereicht werden; der/ die Produkte sind wie oben festgehalten innerhalb von 30 Tagen zurückzusenden.

### Versandkosten

Im Fall einer auf Irrtümer des Kunden zurückzuführenden Rücksendung neuer Materialien an Pentair gehen die Versandkosten zu Lasten des Kunden. Im Fall einer auf Irrtümer seitens Pentair zurückzuführenden Rücksendung neuer Materialien an Pentair gehen die Versandkosten zu Lasten von Pentair. Im Fall einer Rücksendung defekter, von der Gewährleistung erfasster Materialien an Pentair gehen die Versandkosten auf dem Hin- und Rückweg zu Lasten von Pentair. Im Fall einer Rücksendung defekter, nicht von der Gewährleistung erfasster Materialien an Pentair gehen die Versandkosten auf dem Hin- und Rückweg zu Lasten des Kunden.

### Sonstige Rechte

Diese Garantie gewährt dem Verbraucher die oben beschriebenen, spezifischen gesetzlichen Rechte. Die Rechte des Verbrauchers unterliegen in den anwendbaren Fällen zudem dem Schutz der europäischen Richtlinien sowie in deren Ermangelung der nationaler Gesetzgebung.

# Pentair Water in Europe



**Pentair Water Belgium n.v.**

**Pentair Water Italy S.r.l.**

**Pentair Water in Spain**

**Pentair Water France SAS**

**Pentair Water Middle-East**

**Pentair Water in Turkey**

**Pentair Water in Germany**

**Pentair Water in Russia**

**Pentair Water in UK**

**Pentair Water South Africa Pty, Ltd.**

**Information**

### **TRETMAN I OBRADA VODA**

Voda za piće / Tehnološke vode / Procesne vode / Vode za farmaciju / Otpadne vode / Bazenske vode

### **KONZALTING**

Comissioning - sustava / Comissioning - opreme / Optimalizacije / Praćenje razvoja projekta / Critical solution

### **INŽENJERING**

Procesni projekti / Tehnološki projekti / Izrada idejnih rješenja / Izrada elaborata - zaštita na radu - zaštita okoliša QA i QC planovi

### **USLUGE**

Proizvodnja / Montaža / Puštanje u rad / Servis / Rezervni dijelovi / Održavanje-Outsourcing / Osposobljavanje osoblja



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