Universal Electronic Water Level Controllers

NEMA 4X enclosure

Enclosure is 8¾"H x 10½"W x 6"D

Provide precise control that compensates for wave action and manages water levels to within 1/8" of operating range. Sensor rods will not plate foul or deteriorate, no matter the water quality. Digital circuitry easily integrates with existing building automation systems. Modular, guick-connect design. Control panel has water level and fault indicators and diagnostic self-test button. 15-yr. duty cycle. For cooling towers, water and stormwater holding and storage tanks, irrigation lakes, and sewage water systems. Each includes 20"L x 3" dia. PVC pipe containing 1/4" stainless steel probes, 50-ft. sensor wire, mounting bracket, and U-bolts. Innut Voltogo



			input voltage							
			110V AC 50	/60 Hz	220V AC 50/60Hz					
	Operating	Switch	Mfr.	Item	Mfr.	ltem	1			
Sensors Incl.	Range	Туре	Model	No.	Model	No.				
Fill Height Only	1 ½ in	SPST	WLC3000-120VAC	4GHK3	WLC3000-220VAC	4GHK8				
Fill Height w/ High Level Alarm	1 1⁄2 and 3 in	(2)SPST	WLC4000-120VAC	4GHK4	WLC4000-220VAC	4GHK9				
ill Height w/ Low Level Alarm	1/2 and 6 in	(3)SPST	WLC4500-120VAC	4GHK5	—	_				
Fill Height w/ High & Low Level Alarm	1 1 1/2, 3, and 6 in	(3)SPST	WLC5000-120VAC	4GHK6	WLC5000-220VAC	4GHL1				
Fill Height w/ High & Low Level Alarm & Low Heat Cut Off	1 1/2, 3, 6, and 10 in	(4)SPST	WLC6000-120VAC	4GHK7	WLC6000-220VAC	4GHL2				

Shell and Tube Heat Exchangers

BRASS

Max. working pressure: shell side 300 psi; tube side 150 psi

316 STAINLESS STEEL

Max. working pressure: shell side 225 psi; tube side 150 psi Max. temp.: shell side 425°F; tube side 425°F

Naterline

Controls

Standard Xchange[®]

Max town : chall side 200°E: tube side 200°E

lax. BtuH					1	BRASS		316 STAINLESS	STEEL
Water to	Max. BtuH (Oil		н	L	W	Mfr.	ltem	Mfr.	Item
Water)*	to Water)**	Connection	(in.)	(in.)	(in.)	Model	No.	Model	No.
240,000	12,700 BtuH	Shell 1 in NPT, Tube 3/4 in NPT	4.8 in	10.375 in	4.5 in	SN503003008005	5TNV3	SN516003008006	5TNW4
270,000	28,000 BtuH	Shell 1 in NPT, Tube 3/4 in NPT	4.8 in	17.125 in	4.5 in	SN503003014005	5TNV4	SN516003014006	5TNW5
330,000	56,000 BtuH	Shell 1 in NPT, Tube 3/4 in NPT	4.8 in	27.125 in	4.5 in	SN503003024005	5TNV5	SN516003024006	5TNW6
525,000	42,700 BtuH	Shell 1 1/2 in NPT, Tube 1 in NPT	7 in	18.812 in	6.75 in	SN503005014005	5TNV6	SN516005014006	5TNW7
,350,000	134,000 BtuH	Shell 2 in NPT, Tube 1 1/2 in NPT	8.375 in	29.125 in	7.75 in	SN503006024005	5TNV7	SN516006024006	5TNW8
,600,000	239,000 BtuH	Shell 2 in NPT, Tube 1 1/2 in NPT	8.375 in	41.125 in	7.75 in	SN503006036005	5TNV8	SN516006036006	5TNW9
,400,000	280,000 BtuH	Shell 3 in NPT, Tube 2 in NPT	11 in	30.625 in	10.5 in	SN503008024005	5TNV9	SN516008024006	5TNX0
,750,000	400,000 BtuH	Shell 3 in NPT, Tube 2 in NPT	11 in	42.625 in	10.5 in	SN503008036005	5TNW0	SN516008036006	5TNX1
,100,000	516,000 BtuH	Shell 3 in NPT, Tube 2 in NPT	11 in	54.625 in	10.5 in	SN503008048005	5TNW1	SN516008048006	5TNX2
,450,000	631,000 BtuH	Shell 3 in NPT, Tube 2 in NPT	11 in	66.625 in	10.5 in	SN503008060005	5TNW2	SN516008060006	5TNX3
,800,000	649,000 BtuH	Shell 3 in NPT. Tube 2 in NPT	11 in	78.625 in	10.5 in	SN503008072005	5TNW3	SN516008072006	5TNX4

emoved for max. flow (150 SSU oil @ 100°F) 1a 10 psi pressure exiting @ 120°F with cooling water @ 85°F and 10°F rise.

Brazed Plate Heat Exchangers

Bell & Gossett a xylem brand

BtuH*	Max.	Max.			ASTM 316L ST/		AINLESS STEEL, COPPER		316L STAINLES		SS STEEL, NICKEL BRAZE	
	BtuH** (Oil			W	Н	L	Mfr.	Item	H	L	Mfr.	Item
Nater)	to Water)	to Water)	Connection	(in.)	(in.)	(in.)	Model	No.	(in.)	(in.)	Model	No.
5,000	12.725		1 in MNPT	4.37 in	12.2 in	1.37 in	BP410-10-LCA	2NYR4	12.2 in	1.64 in	BPN410-10 LCA	6RGD9
0.000	25.450		1 in MNPT	4.37 in	12.2 in		BP410-20-LCA	201705	12.2 in	2.61 in	BPN410-10 LCA BPN410-20 LCA	6RGE0
0.000	50.900		1 in MNPT	4.37 in	12.2 in	3.31 in	BP410-30-LCA	2010	12.2 in	3.58 in	BPN410-30 LCA	6RGE1
0.000	76.350		1 in MNPT	4.37 in	12.2 in	4.28 in	BP410-30-LCA	2NXR7	12.2 in	4.55 in	BPN410-40 LCA	6RGE2
00.000	127.250	_	1 in MNPT			6.22 in	BP410-60-LCA		12.2 in	6.49 in	BPN410-60 LCA	6RGE4
00.000	190.875	_	2 in MNPT	7.48 in	24.3 in	3.853 in	BP422-30-LCA	2NXT7	24.3 in	4.123 in	BPN422-30 LCA	6RGF1
00,000	279,950	_	2 in MNPT	7.48 in	24.3 in	6.155 in	BP422-50-LCA	2NXT9	24.3 in	6.425 in	BPN422-50 LCA	6RGF3
00,000	281,750	_	2 in MNPT	7.48 in	24.3 in	7.306 in	BP422-60-LCA	2NXU1	24.3 in	7.576 in	BPN422-60 LCA	6RGF4
00,000	509,000		2 in MNPT	7.48 in	24.3 in	9.608 in	BP422-80-LCA	2NXU2	24.3 in	9.878 in	BPN422-80 LCA	6RGF5
00,000	636,250	—	2 in MNPT	7.48 in	24.3 in	11.91 in	BP422-100-LCA	2NXU3	24.3 in	12.18 in	BPN422-100 LCA	6RGF6
Double												
5,835	32,000	_	1 in MNPT			2.65 in	BPDW410-20 LCA	6RGC2		_	_	
4,881	50,000		1 in MNPT			3.78 in	BPDW410-30 LCA	6RGC3			_	
9,610	35,000	_	1 in MNPT			1.37 in	BPDW415-10 LCA	6RGC6		_	-	_
33,929 32,024	65,000 98,000		1 in MNPT 1 in MNPT	4.37 In	12.2 In	4.91 in 7.16 in	BPDW410-40 LCA BPDW410-60 LCA	6RGC4 6RGC5				
7,243	78.000		1 in MNPT			2.65 in	BPDW410-00 LCA BPDW415-20 LCA	6RGC7				
2.134	123,000		1 in MNPT	4.37 in	20.7 III 20.7 in	3.78 in	BPDW415-20 LCA BPDW415-30 LCA	6RGC8				
51.587	170.000		1 in MNPT	4.37 in	20.7 in	4.91 in	BPDW415-40 LCA	6RGC9				
31,000	210.000		1 in MNPT			6.04 in	BPDW415-50 LCA	6RGD0	-	_	_	
5,110	242,000		1 in MNPT			7.16 in	BPDW415-60 LCA	6RGD1	-	_	_	_
25.875	320,000	_	1 in MNPT	4.37 in	20.7 in	9.42 in	BPDW415-80 LCA	6RGD2	-	_	_	
52,663	395,000		1 in MNPT	4.37 in	20.7 in	11.67 in	BPDW415-100 LCA	6RGD3	-		_	_
66,533	450,000		1 in MNPT	4.37 in	20.7 in	13.92 in	BPDW415-120 LCA	6RGD4	-	_	—	-
rigerant												
_	_	6,000	1 in MNPT, 1/2 in SW		12.2 in		BPR410-10-LCA		12.2 in	1.64 in	BPNR410-10 LCA	6RGF7
_	_	12,000	1 in MNPT, 1/2 in & 7/8 in SW	4.37 in	12.2 in	1.76 in	BPR410-14-LCA	2NXU5	12.2 in	2.028 in	BPNR410-14 LCA	6RGF8
_	_	30,000	1 in MNPT, 1/2 in & 7/8 in SW			3.7 in	BPR410-34-LCA			3.968 in	BPNR410-34 LCA	6RGF9
_	_	60,000	1 in MNPT, 7/8 in SW			3.12 in	BPR415-28-LCA			3.386 in	BPNR415-28 LCA	6RGG0
	_	90,000 120,000	1 in MNPT, 7% in SW 1 in MNPT, 7% in SW	4.37 Iff	20.7 in	4.47 in	BPR415-42-LCA BPR415-56-LCA	201200	20.7 In	4.744 in 6.102 in	BPNR415-42 LCA BPNR415-56 LCA	6RGG1 6RGG2
		204.000	2 in MNPT, 1% in & 1% in SW	7.48 in	20.7 III 24.3 in	6 155 in	BPR422-50-LCA	20109	20.7 III 24.3 in	6.425 in	BPNR422-50 LCA	6RGG3
ter		204,000	2 III WINI 1, 178 III & 178 III 3W	7.40 111	24.3 11	0.155 111	DI 11422-JU-LUA	211/1 1	24.3 111	0.423 111	DI 111422-30 LOA	onaus
5,000	_	_	1 in MNPT	4 37 in	12.2 in	2 34 in	BP411-20-LCA	2NXT1		_	_	_
0.000	_	_	3/4 in MNPT	3.18 in		1.21 in	BP400-10-LCA	2NXP9	8.45 in	1.45 in	BPN400-10 LCA	6RGD5
0,000	_	-	3/4 in MNPT	3.18 in	8.2 in	2.02 in	BP400-20-LCA	2NXR1	8.45 in	2.23 in	BPN400-20 LCA	6RGD6
25,000	_	-	3/4 in MNPT	3.18 in	8.2 in	2.83 in	BP400-30-LCA	2NXR2	8.45 in	3.01 in	BPN400-30 LCA	6RGD7
60,000		-	3/4 in MNPT	3.18 in	8.2 in	3.64 in	BP400-40-LCA		8.45 in	3.79 in	BPN400-40 LCA	6RGD8
0,000	—	-	1 in MNPT	4.37 in	12.2 in	3.31 in	BP411-30-LCA	2NXT2	12.2 in	3.58 in	BPN411-30 LCA	6RGE6
0,000	—	-	1 in MNPT	4.37 in			BP412-20-LCA		12.2 in	2.61 in	BPN412-20 LCA	6RGE7
5,000	_	-	1 in MNPT		12.2 in		BP412-30-LCA		12.2 in	3.58 in	BPN412-30 LCA	6RGE8
50,000	-	—	1 in MNPT	4.37 in	10.0 :	4.00.1-			12.2 in	2.61 in	BPN411-20 LCA	6RGE5
5,000	-	-	1 in MNPT	4.37 In	12.2 In	4.28 in	BP412-40-LCA	2NX15	12.2 in	4.55 in	BPN412-40 LCA	6RGE9
35,000	_	_	1 in MNPT	4.37 IN	12.2 IN	5.25 in	BP412-50-LCA		12.2 in	5.52 in	BPN412-50 LCA	6RGF0
00,000	-	-	1 in MNPT 2 in MNPT	4.3/ IN	12.2 IN	5.25 in 5.004 in	BP410-50-LCA BP422-40-LCA		12.2 in	5.52 in 5.274 in	BPN410-50 LCA BPN422-40 LCA	6RGE3 6RGF2

2.4 gpm per ton of water from 54° to 44°F using R22 at 35° and 8°F superheat.

HVAC & REFRIGERATION Heat Exchangers



4GHK3