AEtrium Service Part List

Remark

* PN label is located either on the cable or on the housing of module

** Last 2 digits of the PN xxx-xxxxx-1x stand for one pack of xxx-xxxxx-0x. For example, 332-90001-11 is a pack of 100 of 332-90001-01

*** The PN includes pumps, pipes, connectors, power cord, and bracket. The PN found on pump label is for pump only

Consumables (In-GGM Purchase)

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
371-10001-01	Green spray nozzle	•	•	•	Must purchase pack of 100. End of life.	≥100
371-10001-03	Red/Green spray nozzle	•	•	•	Must purchase pack of 100	≥100
373-10031-01	10" stainless steel filter	•	•	•		≥3
336-90002-01	Filter sock, 120mm x 200mm	•				
336-90011-01	60 mesh filter bag, diameter: 180mm, length: 810mm		•	•		
320-00014-01	60 mesh filter bag, diameter: 105mm, length: 280mm		•	•		
347-10038-01*	pH sensor	•	•	•		≥1
347-10033-01*	EC sensor	•	•	•	Obsolete. Please purchase 220-00008-01.	≥1
220-00008-01*	EC sensor	•	•	•		≥1
220-00006-01*	Water temperature sensor, 800mm	•	•	•		≥1
300-00304-01*	Water level sensor, 1300mm	•				≥1
300-00305-01*	Water level sensor, 2500mm		•	•		≥1
341-00073-01*	Water pressure sensor, 2000mm	•				≥1
341-00074-01*	Water pressure sensor, 2800mm		•	•		≥1
341-92101-01*	Water pressure sensor (non-UL), 2000mm	•				≥1
373-10007-01	Pressure gauge	•				
373-10038-01	Pressure gauge		•	•		
347-10087-01*	5kg weighing sensor	•				
300-00313-01*	10kg weighing sensor	•				
347-10159-01*	10kg weighing sensor		•	•		
300-00303-01*	50kg weighing sensor			•		
310-71037-01*	Float Sensor		•	•		
331-90003-11**	3.75” hole cover for 3.75” netpot, pack of 100	•		•		
332-90001-11**	3.75" cover, pack of 100	•		•		
332-90001-12**	4.72" (120mm) square hole cover, pack of 10	•		•		
337-90011-14**	3.75" net pot, pack of 100	•		•		
373-10051-11**	2" foam collar insert, pack of 100		•			
337-90011-12**	2" cloner cup, pack of 100		•			
337-90011-11**	2" seed cup, pack of 100		•			
331-90008-11**	2" cover, pack of 100		•			
330-00158-01	Solid tray		•			

Piping - AEtrium-4 (See Appendix 1)

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
310-72004-01	1" pipe clamp	•				
310-06007-01	Pressure release valve assembly	•				⩾1
361-03003-03	3/4" hose	•		•		
310-10002-03	30-nozzle manifold	•				
310-10030-01	Inflow valve module	•				
363-07002-02	Drain Flange, 1.5”, ABS (With O-ring)	•				
363-05029-02	3/4" 2-end joint connector (With O-ring)	•		•		
310-10309-01	Drain flange assembly (daughter)	•				
310-10310-01	Drain flange assembly (matriarch) with filter sock	•				
361-03013-01	1" pressurized pipe assembly	•				
310-07003-01	1.5" drain pipe assembly (daughter)	•				
310-07002-02	1.5" drain pipe assembly (matriarch)	•				
310-10119-01	Pump outlet pipe assembly (LEADER pump) for North America	•				
310-10117-01	Foot valve pipe assembly (2’’ wheel) for North America	•				
310-10118-01	Foot valve pipe assembly (4’’ wheel) for North America	•				
310-10125-01	Pump outlet pipe assembly for EMEA	•				
310-10126-01	Foot valve pipe assembly (2’’ wheel) for EMEA	•				
310-10127-01	Foot valve pipe assembly (4’’ wheel) for EMEA	•				
310-10114-01	Pump inlet pipe assembly (LEADER pump, 6-10 tubs) for North America	•				
310-10116-01	Pump inlet pipe assembly (LEADER pump, 1-5 tubs) for North America	•				
310-10287-01	Pump inlet pipe assembly (DAB pump)	•				
310-05017-01	10" filter housing	•	•	•		
310-10121-01	10" filter module with black fiter sock and 10" filter	•				
310-10122-01	Filter (10") to 1st daughter pipe assembly	•				
310-10124-01	Filter (10") to matriarch pipe assembly	•				
310-10095-01	Drain/mix pump pipe assembly	•				
310-10097-01	Horizontal section of mix pipe assembly	•				
310-10100-01	Vertical section of mix pipe assembly (2’’ wheel)	•				
310-10101-01	Vertical section of mix pipe assembly (4’’ wheel)	•				
310-10096-01	Horizontal section of drain pipe assembly	•				
310-10102-01	Vertical section of drain pipe assembly	•				
310-10099-01	3/4" quick coupling union (overhead drain)	•				
310-10098-01	3/4" male union cap	•				
310-10093-01	Drain/mix pump outlet (2’’ wheel)	•				
310-10094-01	Drain/mix pump outlet (4’’ wheel)	•				
310-10103-01	R.O. water converting (right/left) pipe assembly	•				
310-10288-01	Pump outlet pipe assembly (DAB pump)	•				
310-10307-01	R.O. water valve inlet pipe assembly	•				
310-10308-01	R.O. water valve outlet pipe assembly	•				
310-10038-03	Water inlet valve assembly	•				

Piping - AEtrium-2.1 (See Appendix 2)

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
310-06010-01	3/4" union assembly		•			
310-06011-01	3/4" flexible union		•			
310-06009-01	12-nozzle manifold		•			
310-10074-01	Horizontal main piping assembly		•			
310-10075-01	First layer piping assembly		•			
310-10073-01	Vertical main piping assembly		•			
310-10080-01	Right side pressurized piping assembly		•			
310-10079-01	Left side pressurized piping assembly		•			
310-10081-01	Regulating valve pipe assembly		•			
310-10076-01	Loop pipe assemby		•			
310-10078-01	Drain T-shpae pipe assembly		•			
337-90035-11	Black rubber elbow kit, pack of 48		•			
310-10084-01	Return pipe assembly		•			
363-08009-11	Black rubber coupling kit, Pack of 8		•			
310-10132-01	Vertical return pipe (left) section		•			
310-10133-01	Vertical return pipe (right) section		•			
999-00079-01	AEtrium-2.1 service kit of inlet pipe Y-strainer replacement		•			
310-10069-01	Flap check valve for Pedrollo pump		•	•		
310-10135-01	Flap check valve for DAB pump		•	•		
363-06028-01	Back pressure regulating valve		•	•		
310-10176-01	R.O. water valve pipe assembly		•	•		
310-10088-01	Overhead drain pipe assembly		•	•		
310-10089-01	Floor drain pipe assembly		•	•		
310-10060-01	Gravity drain pipe assembly		•	•		
310-10056-01	Return to reservior pipe		•	•		
310-10134-01	Pump inlet pipe assembly for DAB pump		•	•		
310-10070-01	Pump inlet pipe assembly for Pedrollo pump		•	•		
310-10136-01	Pipe connecting reservoir and pump for DAB pump		•	•		
310-10061-01	Pipe connecting reservoir and pump for Pedrollo pump		•	•		
363-08003-01	2" plug		•	•		
363-06021-01	1" male connector for DAB/Pedrollo pump		•	•		
310-10071-01	Pump inlet pipe elbow		•	•		
322-90019-01	Hose clamp		•	•		
310-10270-01	Return pump outlet pipe assembly		•	•		
310-10268-01	Discharge port of return pipe assembly		•	•		

310-10170-01	Return water pipe assembly		•	•		
310-10066-01	Filter module (left)		•	•		
310-10067-01	Filter module (right)		•	•		

Piping - AEtrium4 Double Decker (See Appendix 3)

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
310-10182-01	1" end cap for pressure pipe			•		
310-10175-01	1", pressure pipe between tubs assembly			•		
310-10181-01	1" pressure pipe (bypass) assembly			•		
310-10163-01	1" pressure pipe assembly for each tub			•		
310-10150-01	Main pressure pipe assembly			•		
310-10156-01	Main to 1st layer pressure pipe assembly			•		
310-10152-01	Main to 2nd layer pressure pipe (right) assembly			•		
310-10169-01	T drain pipe assembly			•		
310-10168-01	Loop pipe assembly			•		
310-10154-01	Connecting pressure pipe between ADU and tub on the right			•		
310-10155-01	Pelief valve return pipe assembly			•		
310-10153-01	Connecting pressure pipe between ADU and tub on the left			•		
310-10151-01	Main to 2nd layer pressure pipe (left) assembly			•		
330-00157-01	Coupling, 150mm, PVC			•		
310-10162-01	2" drain pipe assembly for each tub			•		
310-10171-01	Left return pipe (from 2n layer) assembly			•		
310-10172-01	Right return pipe (from 2nd layer) assembly			•		
310-10069-01	Flap check valve for Pedrollo pump, EMEA		•	•		
310-10135-01	Flap check valve for DAB pump, North America		•	•		
361-00036-01	2" drain pipe (bypass) assembly		•	•		
363-06028-01	Back pressure regulating valve		•	•		
310-10176-01	R.O. water valve pipe assembly		•	•		
310-10088-01	Overhead drain pipe assembly		•	•		
310-10089-01	Floor drain pipe assembly		•	•		
310-10060-01	Gravity drain pipe assembly		•	•		
310-10056-01	Return to reservior pipe (loop)		•	•		
310-10134-01	Pump inlet pipe assembly for DAB pump		•	•		
310-10070-01	Pump inlet pipe assembly for Pedrollo pump		•	•		
310-10136-01	Pipe connecting reservoir and pump for DAB pump		•	•		
310-10061-01	Pipe connecting reservoir and pump for Pedrollo pump		•	•		
363-08003-01	2" plug		•	•		
363-06021-01	1" male connector for DAB/Pedrollo pump		•	•		
310-10071-01	Pump inlet pipe elbow		•	•		
322-90019-01	Hose clamp		•	•		
310-10270-01	Return pump outlet pipe assembly		•	•		
310-10268-01	Discharge port of return pipe assembly		•	•		
310-10170-01	Return water pipe assembly		•	•		
361-03003-03	3/4" hose	•		•		
363-05029-02	3/4" 2-end joint connector (With O-ring)	•		•		
310-10066-01	Filter module (left)		•	•		
310-10067-01	Filter module (right)		•	•		

ADB/ADU

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
310-05013-01***	AEtrium-4 irrigation pump (LEADER, 6-10 tubs) for North America	•				≥1
310-05013-03***	AEtrium-4 irrigation pump (LEADER, 1-5 tubs) for North America	•				≥1
299-00022-01***	AEtrium-4 irrigation pump (DAB, 1-5 tubs) for North America	•				≥1
299-00022-02***	AEtrium-4 Irrigation Pump (DAB, 1-5 tubs, Included pipes) for North America	•				
299-00016-01***	AEtrium-4 irrigation pump (DAB, 6-10 tubs) for North America	•				≥1
299-00016-02***	AEtrium-4 irrigation pump (DAB, 6-10 tubs, Included pipes) for North America	•				
310-05012-01***	AEtrium-4 irrigation Pump (Pedrollo, 6-10 tubs, Non-UL PDU) for EMEA	•				
310-05014-01***	AEtrium-4 irrigation Pump (Pedrollo, 6-10 tubs) for EMEA	•				
310-05014-02***	AEtrium-4 irrigation Pump (Pedrollo, 1-5 tubs) for EMEA	•				
299-00008-01	AEtrium-2.1 return water module (24 tubs) for North America		•			
299-00009-01	AEtrium-2.1 return water module (⩾48 tubs) for North America		•			
299-00010-01	AEtrium-2.1 return water module (24 tubs) for EMEA		•			
299-00011-01	AEtrium-2.1 return water module (⩾48 tubs) for EMEA		•			
310-05011-02***	AEtrium-2.1 irrigation Pump (Pedrollo, 24 tubs) for EMEA		•			
310-05011-01***	AEtrium-2.1 irrigation Pump (Pedrollo, 48/72 tubs) for EMEA		•			
310-05009-02***	AEtrium-2.1 irrigation Pump (Pedrollo, 24 tubs) for North America		•			
310-05009-04***	AEtrium-2.1 irrigation Pump for EMEA (Pedrollo, 48/72 tubs) for North America		•			
310-05010-01***	AEtrium-2.1 irrigation pump (DAB, 48/72 tubs) for North America		•			≥1
310-05010-02***	AEtrium-2.1 irrigation pump (DAB, 96 tubs) for North America		•			≥1
300-00158-04*	AEtrium-4 PDU module (ARM) for EMEA	•				≥1
300-00158-03*	AEtrium-4 PDU module (ARM) for North America	•				≥1
300-00161-02*	AEtrium-2.1 PDU module		•	•		≥1
300-00163-01*	AEtrium-2.1 ACU module		•	•		≥1
300-00162-01*	AEtrium-2.1 DCU module		•	•		≥1
300-00168-01*	AEtrium-2.1 SPDU module (UL) for North America		•			≥1
300-00168-03*	AEtrium-2.1 SPDU module (Non-UL) for EMEA		•			≥1
201-00016-01*	Emergency box		•	•		≥1
300-00044-02*	WSE control module	•				≥1
300-00127-01*	WSE control module		•	•		≥1
299-00002-01	Service kit, SMC control box 01		•	•		≥1
299-00003-01	Service kit, SMC control box 02		•	•		≥6
299-00028-01	Service kit, SMC control box 01 (5kg scale)	•				≥1
299-00028-02	Service kit, SMC control box 02 (5kg scale)	•				≥6
299-00029-01	Service kit, SMC control box 01 (10kg scale)	•				≥1
299-00029-02	Service kit, SMC control box 02 (10kg scale)	•				≥6
299-00013-01	Service kit, SMC control box (bottle 1&2, 50kg scale)			•		≥1
299-00013-02	Service kit, SMC control box (bottle 3&4, 50kg scale)			•		≥1
300-00129-02*	ASD module	•	•	•		≥1
300-00218-01	Return pump assembly for EMEA		•	•		≥1
300-00217-01	Return pump assembly for North America		•	•		≥1

Autofill, Drain, and Mix

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
341-00154-01***	AEtrium-4 drain/mix pump (BPO-100, black) for EMEA	•				≥1
300-00320-01***	AEtrium-4 drain/mix pump (BPO-100, orange) for North America	•				≥1
299-00014-01	Service kit, AEtrium-4 motorized valve to replace solenoid valve for drain/mix	•				≥1
299-00015-01	Service kit, AEtrium-4 motorized valve to replace solenoid valve for mix	•				≥1
310-71018-01	3/4'' normal closed motorized solenoid valve	•				≥1
300-00308-01	3/4'' normal closed motorized ball valve	•				≥1
300-00309-01	3/4'' normal open motorized ball valve	•				≥1
310-10058-01	1" normal closed solenoid valve		•			≥1
310-10167-01	1" motorized ball valve for drain and inlet pipe		•	•		≥1
299-00030-01	1/2" motorized ball valve	•	•	•		≥1

Accessories

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
300-00311-01	Cooling coil kit	•				
300-00188-03	Cooling coil kit		•	•		
401-A0001-01	AEtrium system aqueous sensor calibration kit	•	•	•		
310-05002-01	AEtrium-4 maintenance kit	•				≥1
310-05003-01	AEtrium-2.1 maintenance kit		•			≥1
201-00020-01*	110V smart relay kit	•				
201-00019-01*	220V smart relay kit	•	•	•		
201-00021-01*	220V basic relay kit	•	•	•		
201-00022-01*	110V basic relay kit	•				
299-00017-01	ARM Board Upgrade Kit for AE2.1& A4DD		•	•		
999-00097-01	Inlet section of 310-10079-01		•			

Others

PN	Description	AE4	AE2.1	A4DD	Remark	Safety Stock
310-72001-01	Sensor bracket assembly	•				
300-00155-02	AEtrium-2.1 LED module assembly		•			≥1
330-00090-01	Spray manifold bracket	•		•		
310-10039-01	AEtrium-4 20-hole cover assembly	•				
310-90006-01	4L nutrient bottle assembly	•				
310-90007-01	20L nutrient bottle assembly	•		•		
337-90040-01	Clamp pin	•		•		
310-90019-05	AEtrium-4 unidirectional wheel Kit (matriarch, 4")	•				
310-90020-01	AEtrium-4 unidirectional wheel Kit (daughter, 4")	•				
310-10120-01	ASSY, Truss, Profiles, Pump, ECOPLUS Series	•				
330-00013-01	Bracket, Pump, ECOPLUS Series	•				
310-30001-01	AEtrium Trellis supports	•				
310-10148-01	Tray holder aessembly		•	•		
310-10002-04	AEtrium-4 Double decker 30-nozzle manifold			•		
310-10039-03	AEtrium-4 Double decker 20-hole cover assembly			•		
310-10201-01	Return reservoir assembly			•		
373-10009-01	Filter cover	•	•	•		
310-10083-01	AE2.1 tub assembly		•			
310-10266-01	AE2.1 reservoir cover assembly		•			
310-10173-01	A4DD reservoir cover assembly			•		
299-00020-01	pH high performance tubing kit AE4	•				
299-00021-01	pH high performance tubing kit AE2.1 & AE4DD		•	•		

Remark
* 24Vdc M12 to M12/pigtail cable with different length
** See consumables for price

Cables - AEtrium-4

Device	Cable		Description	PN
	From (Port Name on Device)	To (Port/Device)		
PDU	AC IN	Power	AC power cord with GFCI and NEMA-5P for North America (8m)	341-92239-01
			AC power cord with GFCI and Type I plug for China (8m)	341-92132-01
			AC power cord with pigtail (8m)	341-92132-02
	AC Reserved		AC power cord with pigtail (1.8m)	341-00283-01
	Dosing 24VDC	24V DC (on SMC01)	Dosing system power cable (0.6m)	341-00064-01
	WSE Comm.	PDU (on WSE)	WSE cable (1.5m)	341-00077-01
	ASE Comm.	ASD	ASD cable (8m)	341-00072-01
	Light Comm.	Light comm. IN (on AErix)	PDU/AErix communication cable (8m)	341-00147-02
		Light comm. IN (on Smart Relay)	PDU/Smart Relay communication cable (5m)	341-00210-01
	CO2 Valve*	Valve (CO2)	24Vdc 3-pin to pigtail cable (10m)	341-92222-12
		DC 24V (on Basic Relay)	24Vdc 3-pin cable (5m)	341-00237-01
	Light Relay*	Valve (Cooling Coil)	24Vdc 3-pin cable (2.4m)	341-00163-12
		DC 24V (on Basic Relay)	24Vdc 3-pin cable (5m)	341-00237-01
	Inlet Valve*	Valve (Water Supply)	24Vdc 3-pin to pigtail cable (2.7m)	341-00071-01
	Drain Valve*	Soleniod Valve (Drain/Stir)	24Vdc 3-pin Y cable for drain and stir (2.7m)	341-00009-01
		Motorized Valve (Drain/Stir)	24Vdc 3-pin Y cable for drain and stir (2.7m)	341-00009-02
	Water Pressure		Water pressure sensor (2m)	341-00073-01
	Water Level		Water level sensor (1.3m)	300-00304-01
WSE	Dosing Module	Comm. In (on SMC01)	WSE/SMC communication cable (1.2m)	341-92124-01
	EC		EC sensor	220-00008-01
	Temp		Water temperature sensor	220-00006-01
	pH		pH sensor	347-10038-01
SMC	Comm. In (on SMC01)	Dosing Module (on WSE)	WSE/SMC communication cable (1.2m)	341-92124-01
	Comm. Out	Comm. In	SMC/SMC communication cable (0.65m)	341-00123-01
	Weight		5kg Weight sensor (0.25m)	347-10087-01
			10kg Weight sensor (0.55m)	300-00313-01

Device	Cable		Description	PN
	From (Port Name on Device)	To (Port/Device)		
AErix	AC IN	Power	AC power cord with NEMA L7-15P (2m)	341-00110-01
			AC power cord with NEMA L7-15P (5m)	341-00110-02
			AC power cord with pigtail (2m) for North America	341-00110-03
			AC power cord with pigtail (2m) for EMEA	341-00267-01
			AC Power cord with Type I plug for China (2m)	341-00166-01
			AC Power cord with Type I plug for China (5m)	341-00166-02
	Comm. In	Light Comm. (on PDU)	PDU/AErix communication cable (8m)	341-00147-02
	Comm. Out	Comm. In	AErix/AErix communication cable (4.5m)	341-00175-01
			AErix/AErix communication cable (2.5m)	341-00168-01
Basic Relay	DC 24V	DC 24V	Basic relay/basic relay communication cable (1.3m)	341-00255-01
Smart Relay	Comm. Out	Comm. In	Smart relay/smart relay communication cable (1.3m)	341-00256-01

Cables - AEtrium-2.1

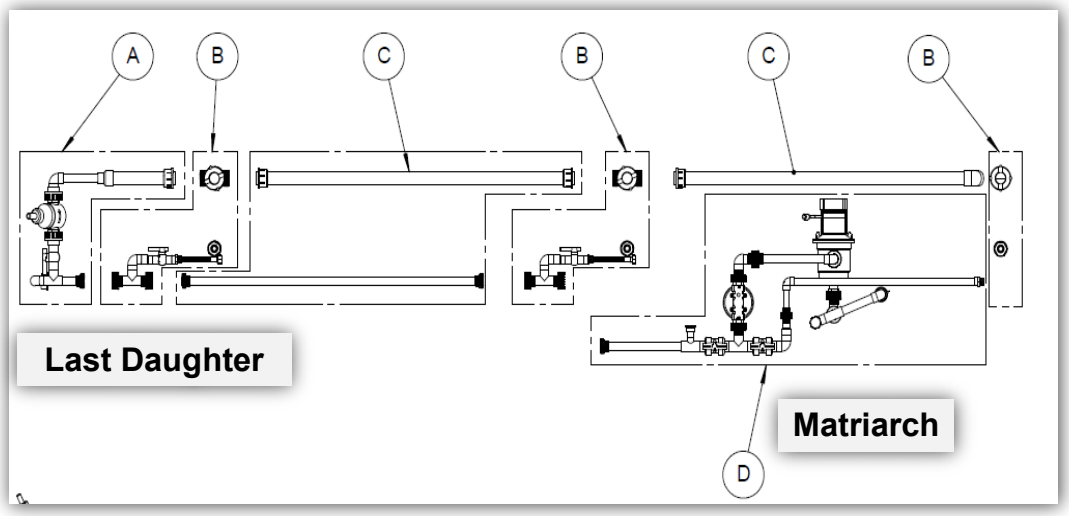
Device	Cable		Description	PN
	From (Port Name on Device)	To (Port/Device)		
PDU	AC IN	AC OUT To PDU (on ACU)	AC power cord from ACU to PDU (1m)	341-92122-01
	WSE Comm.	PDU (on WSE)	WSE cable (1.5m)	341-00077-01
	Water Pressure 1		Water pressure sensor (2.8m)	341-00074-01
	SPDU L	SPDU on the left	PDU/SPDU communication cable (4.5m)	341-92127-01
	SPDU R	SPDU on the right		
	ASE Comm.	ASD	ASD cable (8m)	341-00072-01
	ACU	PDU Comm. (on ACU)	PDU/ACU communication cable (1m)	341-00075-01
	DCU	PDU Comm. (on DCU)	PDU/DCU communication cable (1m)	341-00076-01
	Water Level		Water level sensor (2.5m)	300-00305-01
	SMC Comm.	Comm. In (on SMC01)	PDU/SMC01 communication cable (1.3m)	341-00078-01
	Dosing 24VDC	24V DC (on SMC01)	Dosing system power cable (1.3m)	341-00086-01
ACU	AC IN	Power	AC power cord with NEMA 6-15P for North America (8m)	341-00038-01
			AC power cord with GFCI and Type I plug for China (8m)	341-92132-01
			AC power cord with pigtail (8m)	341-92132-02
	AC OUT To DCU	AC IN (on DCU)	AC power cord from ACU to DCU (1.2m)	341-92120-01
	AC OUT To PDU	AC IN (on PDU)	AC power cord from ACU to PDU (1m)	341-92122-01
	IRRI. L Pump	Irrigation Pump 1	AC power cord from ACU to pump on the left (2.6m)	341-92130-01
	IRRI. R Pump	Irrigation Pump 2	AC power cord from ACU to pump on the right (1.8m)	341-92131-01
	Reserved 1	Submersible pump (Left)	AC power cord from ACU to left return pump (3.1m)	341-00246-01
	Reserved 2	Submersible pump (right)	AC power cord from ACU to right return pump (2.3m)	341-00246-02
	PDU Comm.	ACU (on PDU)	PDU/ACU communication cable (1m)	341-00075-01
DCU	AC IN	AC OUT To DCU (on ACU)	AC power cord from ACU to DCU (1.2m)	341-92120-01
	Inlet Valve*	Valve (Water Supply)	24Vdc 3-pin cable (2m)	341-00163-05
	Drain Valve*	Valve (Drain)	24Vdc 3-pin cable (3m)	341-92222-10
	Valve 1*	Overflow Sensor	Y cable (4m)	340-00044-01
			Float Sensor (0.3m)	310-71037-01
	Valve L1*	Valve (Irrigation)	24Vdc 3-pin cable for left layer 1 (2.4m)	341-92222-06
	Valve L2*	Valve (Irrigation)	24Vdc 3-pin cable for left layer 2 (1.9m)	341-92222-07
	Valve L3*	Valve (Irrigation)	24Vdc 3-pin cable for left layer 3 (1.2m)	341-92222-08
	Valve L4*	Valve (Irrigation)	24Vdc 3-pin cable for left layer 4 (1.2m)	341-92222-09
	Valve R1*	Valve (Irrigation)	24Vdc 3-pin cable for right layer 1 (3m)	341-92222-01
	Valve R2*	Valve (Irrigation)	24Vdc 3-pin cable for right layer 2 (2.5m)	341-92222-02
	Valve R3*	Valve (Irrigation)	24Vdc 3-pin cable for right layer 3 (2m)	341-92222-03
	Valve R4*	Valve (Irrigation)	24Vdc 3-pin cable for right layer 4 (1.8m)	341-92222-04
	Loop Valve*	Valve (Loop)	24Vdc 3-pin cable for loop (3m)	341-92222-05
	CO2 Valve*	Valve (CO2)	24Vdc 3-pin to pigtail cable (10m)	341-92222-12
	Reserved 5*	Cooling valve (Motorized valve)	24Vdc 3-pin cable (2.4m)	341-00163-12
	PDU Comm.	DCU (on PDU)	PDU/DCU communication cable (1m)	341-00076-01
SPDU	AC IN	Power	AC power cord with NEMA 5-15P (5m)	341-92233-01
			AC power cord with Type I plug for China (5m)	341-92237-01
			AC power cord with pigtail (5m)	341-92237-02
	AES Link IN (on SPDU)	AES Link OUT (on SPDU)	SPDU/SPDU communication cable (4.5m)	341-00139-01
	Layer 1 LED	LED Panel x3 on Layer 1	SPDU/Layer 1 LED 36VDC power cord (3m)	341-00153-01
			36VDC power cord for 3 LED panels on each layer (2m)	340-00040-01
	Layer 1 FAN	Fan	SPDU/Layer 1 fan 24VDC power cord (2.5m)	341-00140-01
	Layer 2 LED	LED Panel x3 on Layer 2	SPDU/Layer 2 LED 36VDC power cord (2.4m)	341-00153-02
			36VDC power cord for 3 LED panels on each layer (2m)	340-00040-01
	Layer 2 FAN	Fan	SPDU/Layer 2 fan 24VDC power cord (1.9m)	341-00141-01
	Layer 3 LED	LED Panel x3 on Layer 3	SPDU/Layer 3 LED 36VDC power cord (1.8m)	341-00153-03
			36VDC power cord for 3 LED panels on each layer (2m)	340-00040-01
	Layer 3 FAN	Fan	SPDU/Layer 3 fan 24VDC power cord (1.2m)	341-00142-01
	Layer 4 LED	LED Panel x3 on Layer 4	SPDU/Layer 4 LED 36VDC power cord (0.9m)	341-00153-04
			36VDC power cord for 3 LED panels on each layer (2m)	340-00040-01
	Layer 4 FAN	Fan	SPDU/Layer 4 fan 24VDC power cord (0.6m)	341-00143-01
WSE	PDU	WSE Comm. (on PDU)	WSE cable (1.5m)	341-00077-01
	EC		EC sensor	220-00008-01
	Temp		Water temperature sensor	220-00006-01

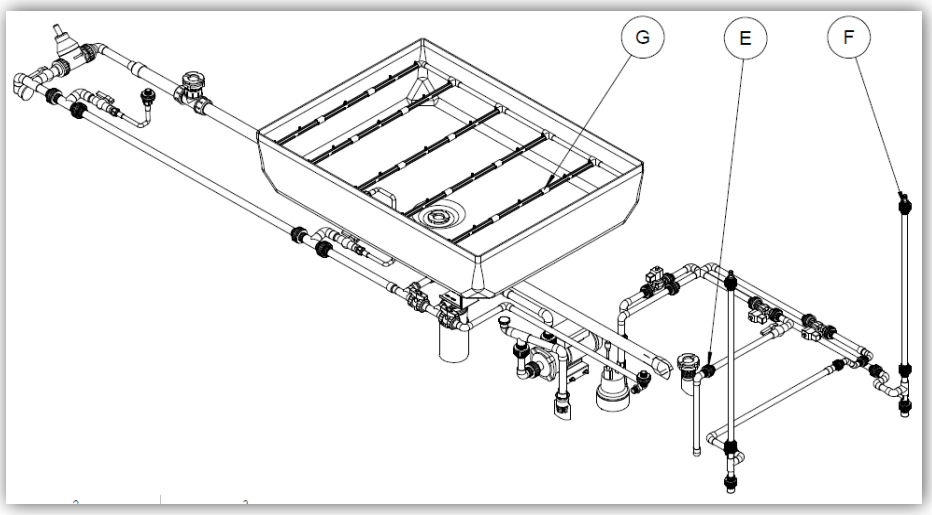
	pH		pH sensor	347-10038-01
SMC	24V DC (on SMC01)	Dosing 24VDC (on PDU)	Dosing system power cable (1.3m)	341-00086-01
	Comm. In (on SMC01)	SMC Comm. (on PDU)	PDU/SMC01 communication cable (1.3m)	341-00078-01
	Comm. Out	Comm. In	SMC/SMC communication cable (0.15m)	341-92126-01
	Weight		10kg Weight sensor (0.55m)	347-10159-01

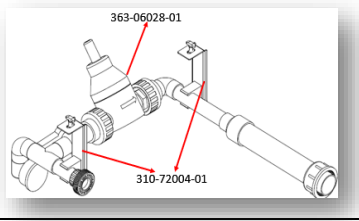
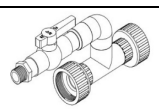
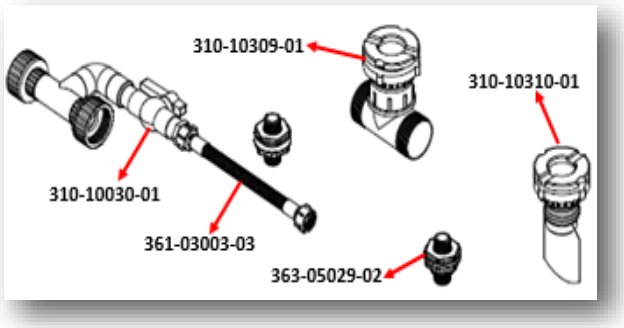
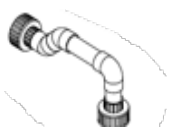
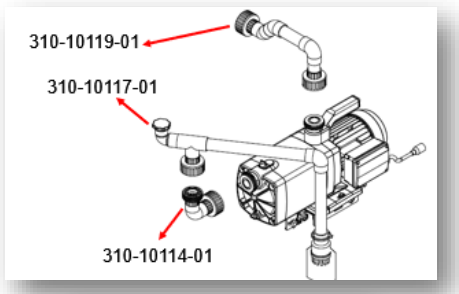
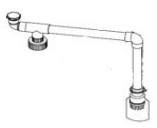
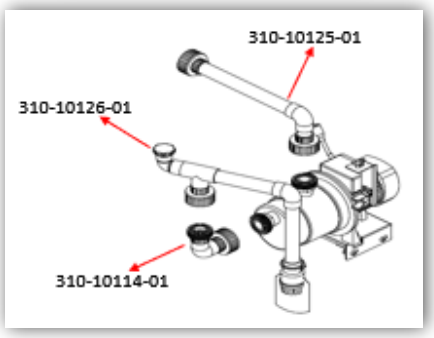
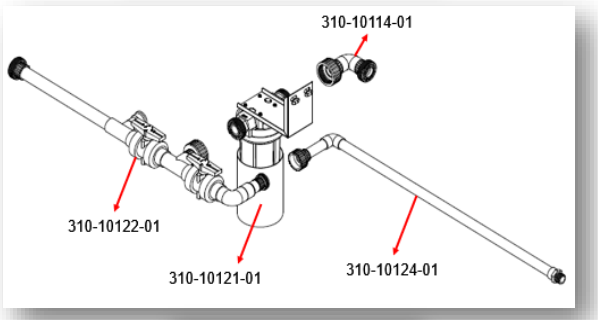
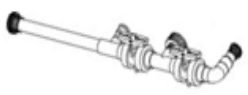
Cables - AEtrium-4 Double Deck

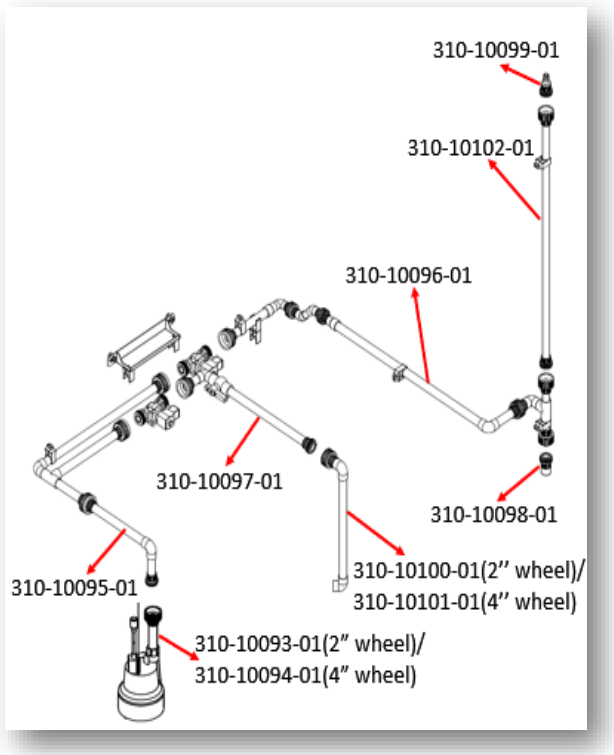
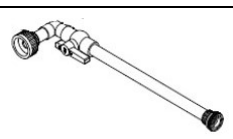
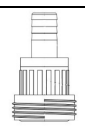
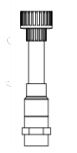
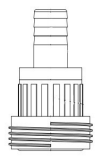
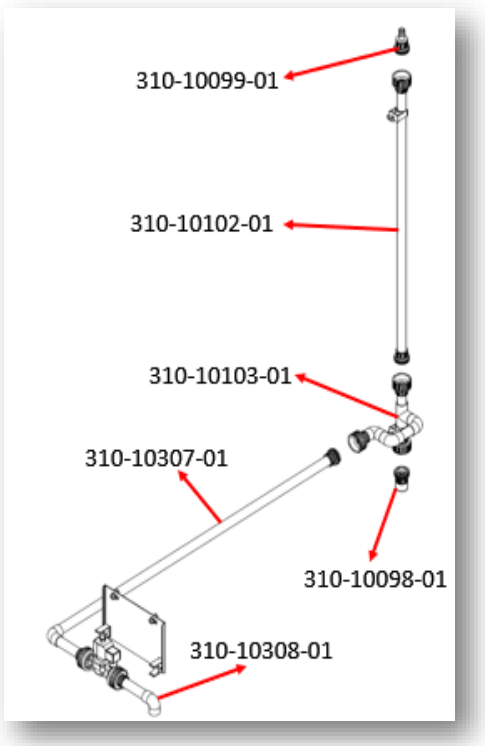
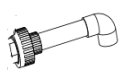
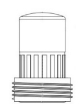
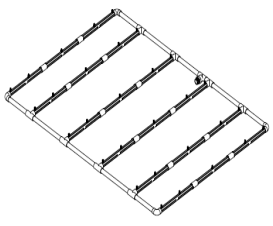
Device	Cable		Description	PN
	From (Port Name on Device)	To (Port/Device)		
PDU	AC IN	AC OUT To PDU (on ACU)	AC power cord from ACU to PDU (1m)	341-92122-01
	WSE Comm.	PDU (on WSE)	PDU/WSE communication & power cable (1.5m)	341-00077-01
	Water Pressure 1		Water pressure sensor (2.8m)	341-00074-01
	SPDU L	Light Comm. IN (on 1st AErix on bottom layer)	PDU/AErix communication cable (4.5m)	341-00139-01
	SPDU R	Light Comm. IN (on 1st AErix on top layer)		
	ASE Comm.	ASD	ASD cable (8m)	341-00072-01
	ACU	PDU Comm. (on ACU)	PDU/ACU communication cable (1m)	341-00075-01
	DCU	PDU Comm. (on DCU)	PDU/DCU communication cable (1m)	341-00076-01
	Water Level		Water level sensor (2.5m)	300-00305-01
	SMC Comm.	Comm. In (on SMC01)	PDU/SMC01 communication cable (1.3m)	341-00078-01
	Dosing 24VDC	24V DC (on SMC01)	Dosing system power cable (1.3m)	341-00086-01
ACU	AC IN	Power	AC power cord with NEMA 6-15P (8m) for North America	341-00038-01
			AC power cord with GFCI and Type I (8m) for China	341-92132-01
			AC power cord with pigtail (8m)	341-92132-02
	AC OUT To DCU	AC IN (on DCU)	AC power cord from ACU to DCU (1.2m)	341-92120-01
	AC OUT To PDU	AC IN (on PDU)	AC power cord from ACU to PDU (1m)	341-92122-01
	IRRI. L Pump	Pump 1	AC power cord from ACU to pump on the left (2.6m)	341-92130-01
	IRRI. R Pump	Pump 2	AC power cord from ACU to pump on the right (1.8m)	341-92131-01
	Reserved 1	Submersible pump (Left)	AC power cord from ACU to left return pump (3.1m)	341-00246-01
	Reserved 2	Submersible pump (right)	AC power cord from ACU to right return pump (2.3m)	341-00246-02
	PDU Comm.	ACU (on PDU)	PDU/ACU communication cable (1m)	341-00075-01
DCU	AC IN	AC OUT To DCU (on ACU)	AC power cord from ACU to DCU (1.2m)	341-92120-01
	Inlet Valve*	Valve (Water Supply)	24Vdc 3-pin cable (2m)	341-00163-05
	Drain Valve*	Valve (Drain)	24Vdc 3-pin cable (2.7m)	341-00163-06
	Valve 1*	Overflow sensor	Y cable (4m)	340-00044-01
			Float sensor (0.3m)	310-71037-01
	Fan — AC IN (on Basic Relay)	Power	1 to 4 AC power cord with pigtail (6m)	341-00266-02
			1 to 4 AC power cord with NEMA L7-15P (6m) for North America	341-00265-01
	Fan — L1 (Section 1) — Valve 2*	DC24V (on Basic Relay)	24Vdc 3-pin cable for controlling fans on bottom-rear section (2.2m)	341-00243-03
	Fan — L1 (Section 1) — AC OUT (on Basic Relay)	AC IN (on Meanwell power supply)	Meanwell power supply for fans on the bottom-rear section (0.64m)	300-00301-03
	Fan — L1 (Section 1) — DC OUT (on Meanwell power supply)	The first fan in bottom-rear section	Power cable for the first fan in the bottom-rear section (3.62m)	341-00244-01
	Fan — L1 (Section 1) — 341-00239-01	The fans in the middle of section	Power cable for fans in the middle of section (1.2m/1.1m)	341-00240-01
	Fan — L1 (Section 1) — 341-00240-01	The last fan in section	Power cable for the last fan in section (1.1m/1.1m)	341-00241-01
	Fan — L2 (Section 3) — Valve L5*	DC24V (on Basic Relay)	24Vdc 3-pin cable for controlling fans on top-rear section (2.2m)	341-00243-04
	Fan — L2 (Section 3) — AC OUT (on Basic Relay)	AC IN (on Meanwell power supply)	Meanwell power supply for fans on the top-rear section (0.64m)	300-00301-04
	Fan — L2 (Section 3) — DC OUT (on Meanwell power supply)	The first fan in top-rear section	Power cable for the first fan in the top-rear section (9.12m)	341-00245-01
	Fan — L2 (Section 3) — 341-00245-01	The fans in the middle of section	Power cable for fans in the middle of section (1.2m/1.1m)	341-00240-01
	Fan — L2 (Section 3) — 341-00240-01	The last fan in section	Power cable for the last fan in section (1.1m/1.1m)	341-00241-01
	Fan — R1 (Section 0) — Reserved 6*	DC24V (on Basic Relay)	24Vdc 3-pin cable for controlling fans on bottom-front section (2.2m)	341-00243-01
	Fan — R1 (Section 0) — AC OUT (on Basic Relay)	AC IN (on Meanwell power supply)	Meanwell power supply for fans on the bottom-front section (0.64m)	300-00301-01
	Fan — R1 (Section 0) — DC OUT (on Meanwell power supply)	The first fan in bottom-front section	Power cable for the first fan in the bottom-front section (2.12m)	341-00238-01
	Fan — R1 (Section 0) — 341-00238-01	The fans in the middle of section	Power cable for fans in the middle of section (1.2m/1.1m)	341-00240-01
	Fan — R1 (Section 0) — 341-00240-01	The last fan in section	Power cable for the last fan in section (1.1m/1.1m)	341-00241-01
	Fan — R2 (Section 2) — Valve R5*	DC24V (on Basic Relay)	24Vdc 3-pin cable for controlling fans on top-front section (2.2m)	341-00243-02
	Fan — R2 (Section 2) — AC OUT (on Basic Relay)	AC IN (on Meanwell power supply)	Meanwell power supply for fans on the top-front section (0.64m)	300-00301-02
	Fan — R2 (Section 2) — DC OUT (on Meanwell power supply)	The first fan in top-front section	Power cable for the first fan in the top-front section (7.62m)	341-00239-01
	Fan — R2 (Section 2) — 341-00244-01	The fans in the middle of section	Power cable for fans in the middle of section (1.2m/1.1m)	341-00240-01
	Fan — R2 (Section 2) — 341-00240-01	The last fan in section	Power cable for the last fan in section (1.1m/1.1m)	341-00241-01
	Valve L1*	Valve (Irrigation)	24Vdc 3-pin cable (2.4m)	341-92222-06
	Valve L2*	Valve (Irrigation)	24Vdc 3-pin cable (1.9m)	341-92222-07
	Valve L3*	Pump 3 (20L SMC Left)	24Vdc 3-pin cable (1.14m)	341-00163-08
	Valve L4*	Pump 4 (20L SMC Left)	24Vdc 3-pin cable (1.14m)	341-00163-09
	Valve R1*	Valve (Irrigation)	24Vdc 3-pin cable (3m)	341-92222-01
	Valve R2*	Valve (Irrigation)	24Vdc 3-pin cable (2.5m)	341-92222-02
	Valve R3*	Pump 1 (20L SMC Right)	24Vdc 3-pin cable (1.64m)	341-00163-10
	Valve R4*	Pump 2 (20L SMC Right)	24Vdc 3-pin cable (1.64m)	341-00163-11
	Loop Valve*	Valve (Loop)	24Vdc 3-pin cable for loop (2m)	341-00163-07
	CO2 Valve*	Valve (CO2)	24Vdc 3-pin to pigtail cable (10m)	341-92222-12
	Reserved 5*	Valve (Cooling Coil)	24Vdc 3-pin cable (2.4m)	341-00163-12
	PDU Comm.	DCU (on PDU)	PDU/DCU communication cable (1m)	341-00076-01
WSE	PDU	WSE Comm. (on PDU)	WSE cable (1.5m)	341-00077-01
	EC		EC sensor	220-00008-01
	Temp		Water temperature sensor	220-00006-01
	pH		pH sensor	347-10038-01
SMC	24V DC (on SMC01)	Dosing 24VDC (on PDU)	Dosing system power cable (1.3m)	341-00086-01
	Comm. In (on SMC01)	SMC Comm. (on PDU)	PDU/SMC01 communication cable (1.3m)	341-00078-01
	Comm. Out	Comm. In	SMC/SMC communication cable (0.15m)	341-92126-01
	Weight		10kg Weight sensor (0.55m)	347-10159-01
SMC (20L)	Right — Comm. In	Comm. Out (on the last SMC02)	SMC/SMC communication cable (0.15m)	341-92126-01
	Right — Comm. Out	Comm. In (on the left 20L SMC)	SMC/SMC communication cable (1.4m)	341-00260-01
	Right — Weight 2		50kg Weight sensor (2m)	300-00303-01
	Right — Weight 1		50kg Weight sensor (2m)	300-00303-01
	Left — Comm. In	Comm. Out (on the right 20L SMC)	SMC/SMC communication cable (1.4m)	341-00260-01
	Left — Weight 2		50kg Weight sensor (2m)	300-00303-01
	Left — Weight 1		50kg Weight sensor (2m)	300-00303-01
AErix	AC IN	Power	1 to 4 AC power cord with pigtail (6.8m)	341-00228-02
			1 to 4 AC power cord with NEMA L7-15P for North America (6.8m)	341-00167-01
	Light Comm. OUT	Light Comm. IN (on the next AErix)	AErix/AErix Communication cable (2.5m)	341-00168-01

Appendix 1 - AEtrium-4 Piping Parts

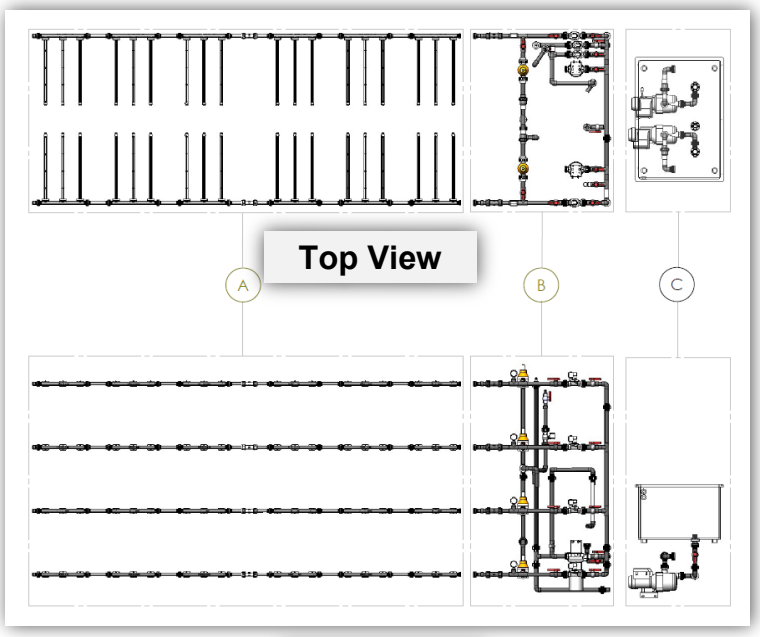




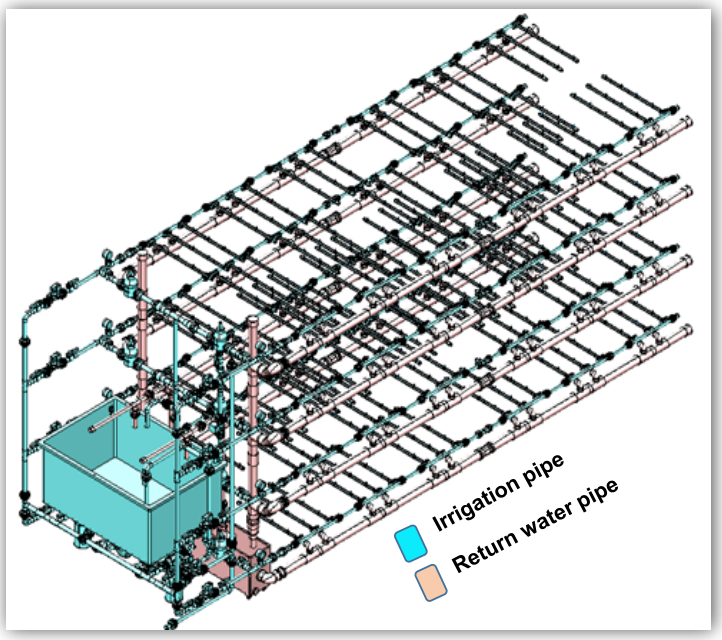
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A	363-06028-01 Pressure release valve			**We accept the orders of,** -- Pressure release valve (363-06028-01) -- 1" pipe clamping (310-72004-01) -- The whole assembly (310-06007-01)
	310-72004-01 1" pipe clamp assembly			
B	310-10030-01 Inflow valve module			**Inlet Module Under Tub, we accept the orders of,** -- Inflow valve module (310-10030-01) -- 3/4" hosepipe (361-03003-03) -- 3/4" 2-end joint connector (363-05029-01)
	361-03003-03 3/4" hosepipe			
	363-05029-02 3/4" 2-end joint connector			
	310-10309-01 Drain flange assembly with tee			**Drain Part Under Tub, we accept the orders of,** -- Drain flange assembly with tee, apply to daughters only (310-10309-01) -- Drain flange assembly with filter sock, apply to matriarch only (310-10310-01) Both drain units contain sub-parts, please handle carefully
	310-10310-01 Drain flange assembly with filter sock			
C	361-03013-01 1" feed pipe assembly			**We accept the orders of,** -- 1" feed pipe assembly (361-03013-01) -- 1.5" drainage pipe assembly (310-07003-01) -- 1.5" drainage pipe assembly, connect the 1st daughter and matriarch (310-07002-01)
	310-07003-01 1.5" drainage pipe assembly			
	310-07002-02 1.5" drainage pipe assembly (Connect the 1st daughter and matriarch)			
D	310-10119-01 Pump outwater pipe assembly			**We accept the orders of,** -- Pump outwater pipe assembly (310-10119-01) -- Foot valve pipe assembly (310-10117-01) -- Pump inwater pipe assembly/Filter inwater pipe assembly (310-10114-01) -- Pump outwater pipe assembly (310-10125-01) -- Foot valve pipe assembly (310-10126-01) -- Pump inwater pipe assembly/Filter inwater pipe assembly (310-10114-01) -- Filter to 1st tub pipe assembly (310-10122-01) -- AE4 filter module (310-10121-01) -- Filter to matriarch pipe assembly (310-10124-01)
	310-10117-01 Foot valve pipe assembly		**NA Pump Related Piping**	
	310-10114-01 Pump inwater pipe assembly/ Filter inwater pipe assembly			
	310-10125-01 Pump outwater pipe assembly			
	310-10126-01 Foot valve pipe assembly		**EMEA Pump Related Piping**	
	310-10114-01 Pump inwater pipe assembly/ Filter inwater pipe assembly			
	310-10122-01 Filter to 1st tub pipe assembly		**Filter Related Piping**	
	310-10121-01 Aetrium-4 filter module			
	310-10124-01 Filter to matriarch pipe assembly			

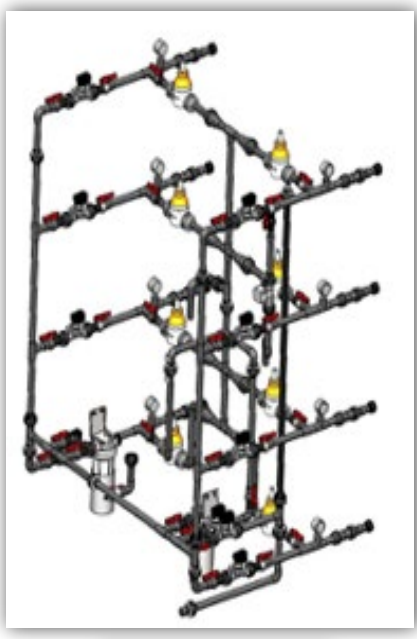
E	310-10095-01 Stir and drain pump assembly			**We accept the orders of,** -- Stir and drain pump assembly (310-10095-01) -- Horizontal section of stir pipe assembly (310-10097-01) -- Vertical section of stir pipe assembly, apply To 2'' wheel (310-10100-01) -- Vertical section of stir pipe assembly, apply To 4'' wheel (310-10101-01) -- Horizontal section of drain pipe assembly (310-10096-01) -- Vertical section of drain pipe assembly (310-10102-01) -- 3/4"quick coupling union to updrain (310-100099-01) -- 3/4"male union cap (310-10098-01) -- Stir/Drain pump outlet, apply to 2'' wheel (310-10093-01) -- Stir/Drain pump outlet, apply to 4'' wheel (310-10094-01)
	310-10097-01 Horizontal section of stir pipe assembly			
	310-10100-01 Vertical section of stir pipe assembly(Apply to 2'' wheel)/ 310-10101-01 Vertical section of stir pipe assembly(Apply to 4'' wheel)			
	310-10096-01 Horizontal section of drain pipe assembly			
	310-10102-01 Vertical section of drain pipe assembly			
	310-10099-01 3/4"quick coupling union (to updrain)			
	310-10098-01 3/4"male union cap			
	310-10093-01 Stir/Drain pump outlet(Apply to 2'' wheel) 310-10094-01 Stir/Drain pump outlet(Apply to 4'' wheel)			
F	310-10099-01 3/4"quick coupling union (To RO waterl inlet)			**We accept the orders of,** -- 3/4"quick coupling union, this is to RO Waterl Inlet (310-10099-01) -- Vertical section of RO water refill assembly (310-10102-01) -- RO water right and left convert pipe assembly (310-10103-01) -- RO water valve inlet piping assembly (310-10307-01) -- RO water valve outlet-piping assembly (310-10308-01) -- 3/4"male union cap (310-10098-01) -- 3/4"quick coupling union to up drain (310-100099-01) -- 3/4"male union cap (310-10098-01)
	310-10102-01 Vertical section of RO water refill assembly			
	310-10103-01 RO water right and left convert pipe assembly			
	310-10307-01 RO water valve inlet piping assembly			
	310-10308-01 RO water valve outlet-piping assembly			
	310-10098-01 3/4"male union cap			
G	310-10002-03 30-spray pipe assembly			**We accept the orders of,** -- 30-spray pipe assembly with Nozzles (310-10002-03), this assembly will get 30 nozzles pre-installed

Appredix 2 - AEtrium-2.1 Piping Parts

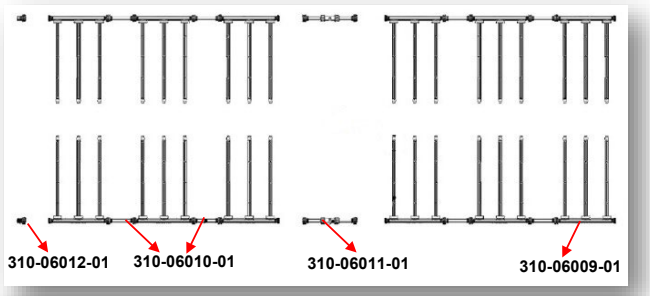
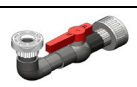
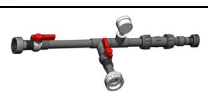
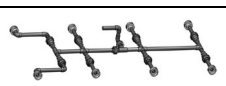


Side View



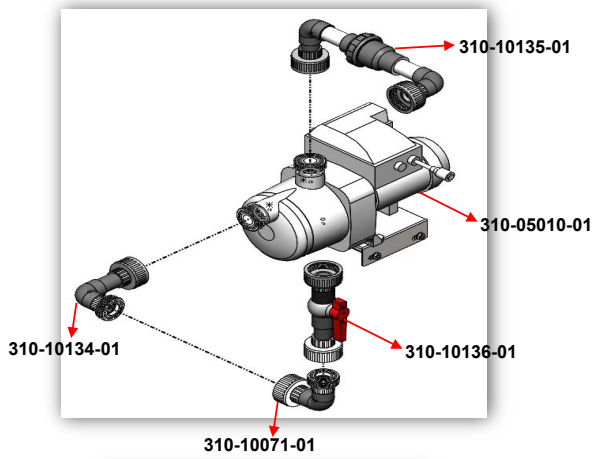


Main Pipe

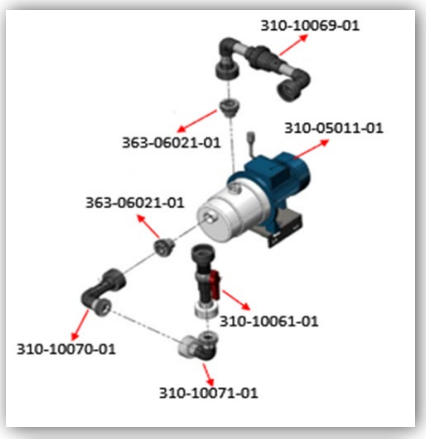
Section	PN	Drawing	Upper Level Assembly	Remark
A	310-06012-01 3/4" plug assembly		 Inflow Piping Inside Tub, Between Tubs And Between Sections	**We accept the orders of,** -- 3/4" plug assembly (310-06012-01) -- 3/4" union assembly (310-06010-01) -- 3/4" flexible union (310-06011-01) -- Spray piping assembly (310-06009-01), this assembly does not include nozzles
	310-06010-01 3/4" union assembly			
	310-06011-01 3/4" flexible union			
	310-06009-01 spray piping assembly			
B	310-10074-01 Horizontal main piping assembly			**We accept the orders of,** -- Horizontal main piping assembly (310-10074-01) -- First layer piping assembly (310-10075-01) -- Vertical main piping assembly (310-10073-01) -- Right side tub inlet piping assembly (310-10080-01) -- Left side tub inlet piping assembly (310-10079-01) -- Return water pipe assembly (310-10081-01) -- Back pressure regulating valve (363-06028-01) -- Normally closed solenoid valve for inwater control (310-10058-01) -- Loop pipe (310-10076-01) -- Water refill pipe assembly (310-10176-01) -- Up drain pipe assembly (310-10088-01) -- Drain solenoid pipe assembly (310-10078-01) -- Down drain solenoid pipe assembly (310-10089-01) -- Return to reservior pipe (310-10056-01) -- Reservoir direct drain pipe assembly (310-10060-01)
	310-10075-01 First layer piping assembly			
	310-10073-01 Vertical main piping assembly			
	310-10080-01 Right side tub inlet piping assembly			
	310-10079-01 Left side tub inlet piping assembly			
	310-10081-01 Return water pipe assembly			
	363-06028-01 Back pressure regulating valve			
	310-10058-01 Normally closed solenoid valve for inwater control			
	310-10076-01 Loop pipe			
	310-10176-01 Water refill pipe assembly			
	310-10088-01 Up drain pipe assembly			
	310-10078-01 Drain solenoid pipe assembly			
	310-10089-01 Down drain solenoid pipe assembly			
	310-10056-01 Return to reservior pipe assembly			
	310-10060-01 Reservoir direct drain pipe assembly			

C

310-05010-01 220V/60Hz/550W UL certified irrigation pump (With inlet/outlet connector, power cables and mounting bracket pre-installed)	
310-10135-01 Pump outlet pipe assembly	
310-10134-01 Pump inlet pipe assembly	
310-10071-01 Pump inlet pipe elbow	
310-10136-01 Pipe assembly connecting reservoir and pump	
310-05011-01 220V/50Hz/550W CE certified irrigation pump (With inlet/outlet connector, power cables and mounting bracket pre-installed)	
310-10069-01 Pump outlet pipe assembly	
363-06021-01 1" male connector	
310-10070-01 Pump inlet pipe assembly	
310-10071-01 Pump inlet pipe elbow	
310-10061-01 Pipe assembly connecting reservoir and pump	



NA Irrigation Pump And Piping



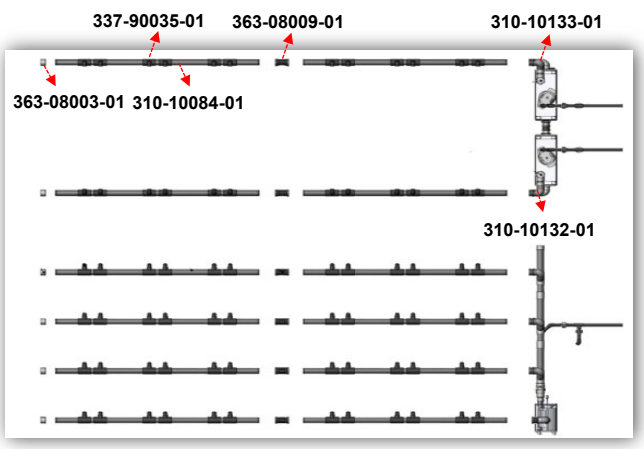
EMEA Irrigation Pump And Piping

We accept the orders of,

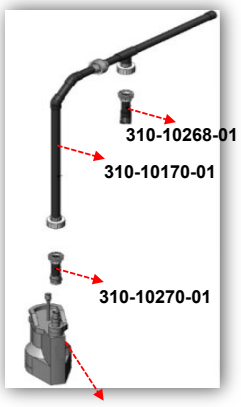
-- 220V/ 60Hz/ 550W UL certified irrigation pump(With inlet/outlet connector, power cables and mounting bracket pre-installed) (310-05010-01)
-- Pump outlet pipe assembly (310-10135-01)
-- Pump inlet pipe assembly (310-10134-01)
-- Pump inlet pipe elbow (310-10071-01)
-- Pipe connecting reservoir and pump (310-10136-01)
-- 220V/ 50Hz/ 550W CE certified irrigation pump(With inlet/outlet connector, power cables and mounting bracket pre-installed) (310-05011-01)
-- Pump outlet pipe assembly (310-10069-01)
-- 1" male connector (363-06021-01)
-- Pump inlet pipe assembly (310-10070-01)
-- Pump inlet pipe elbow (310-10071-01)
-- Pipe connecting reservoir and pump (310-10061-01)

R

363-08003-01 2" plug	
337-90035-01 Elbow	
310-10084-01 Return pipe assembly	
363-08009-01 Coupling connecting return pipe	
310-10132-01 Left return pipe vertical section	
310-10133-01 Right return pipe vertical section	
300-00217-01 Return pump assembly	
300-00218-01 Return pump assembly	
310-10270-01 Pipe assembly from return pump	
310-10268-01 End of pipe assembly to reservoir	
310-10170-01 Pipe assembly to reservoir	



Vertical View And Side View
Return Water Piping From Tubs And to The Water Return Tank



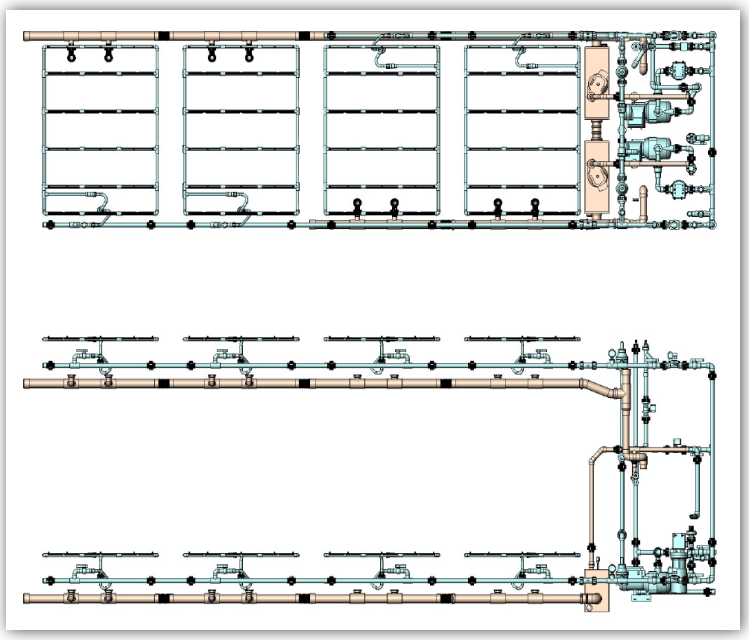
300-00217-01 for NA
300-00218-01 for EMEA

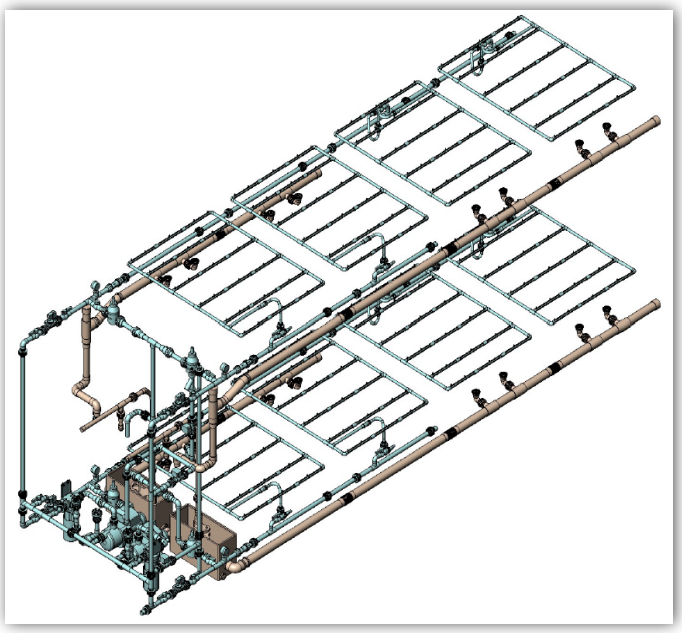
Water Return Pump And Piping

We accept the orders of,

-- 2" plug (363-08003-01)
-- Elbow (337-90035-01)
-- Return pipe assembly (310-10084-01)
-- Coupling connecting return pipe (363-08009-01)
-- Left return pipe vertical section (310-10132-01)
-- Right return pipe vertical section (310-10133-01)
-- Return pump assembly (300-00217-01)
-- Pipe assembly from return pump (310-10270-01)
-- End of pipe assembly to reservoir (310-10268-01)
-- Pipe assembly to reservoir (310-10170-01)

A4DD 8 Tubs Piping View



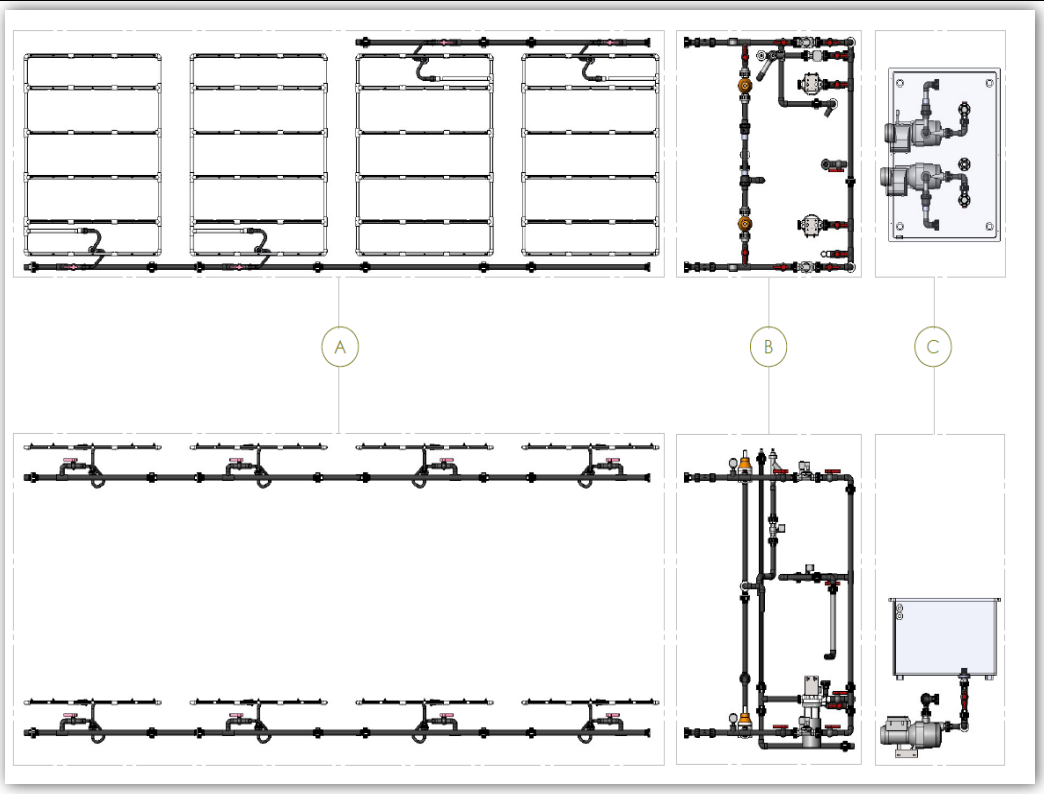


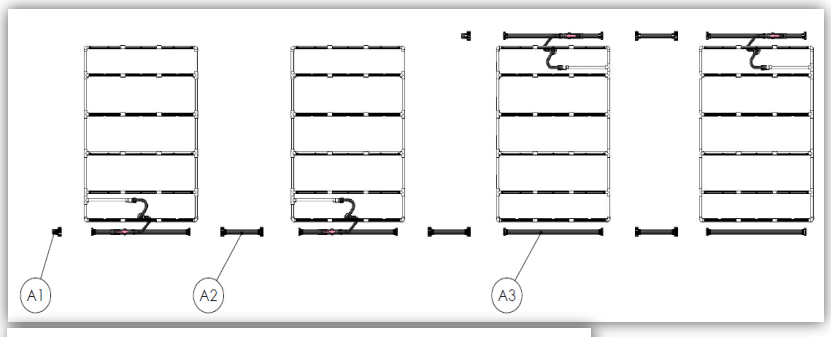
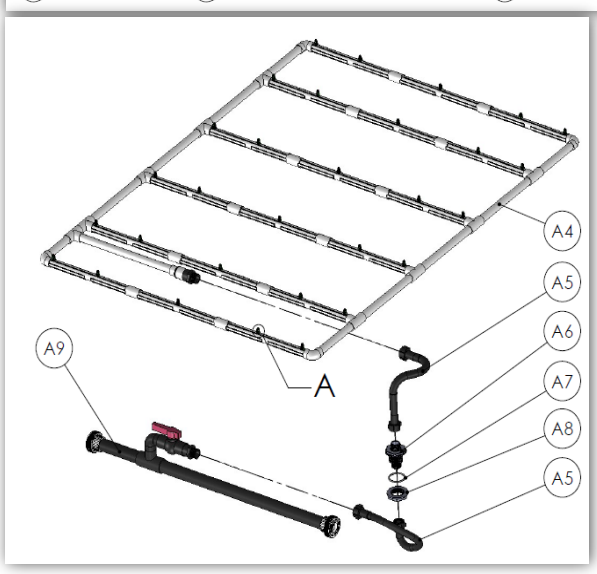
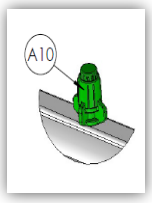
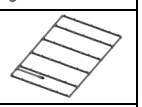
Irrigation pipe

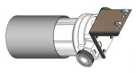
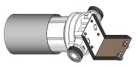
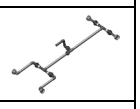
Return water pipe

AE4DD Irrigation pipe

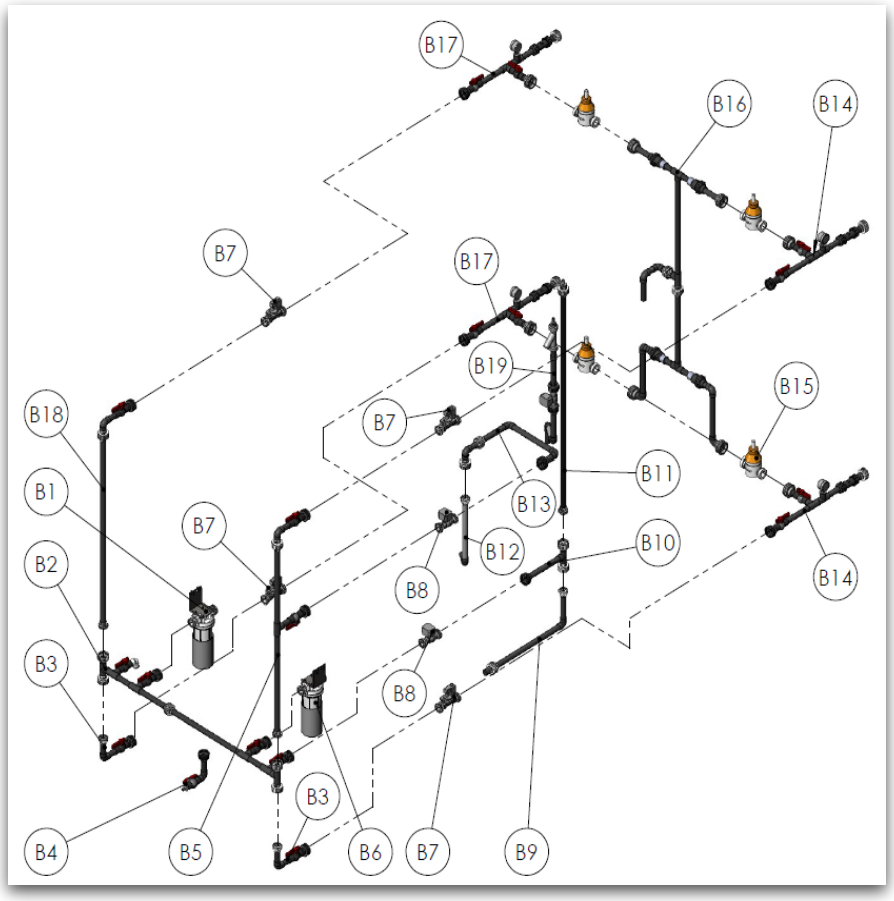
Sign	Description
A	Section and connection
B	ADU Pipe
C	Pump Module



Section	Item	PN	Drawing	Upper Level Assembly	Remark
A	A1	310-10182-01 1" end cap pipe ASSY, Double decker		**AE4DD Irrigation pipe –Section**    	**We accept the orders of,** -- 1" end cap pipe ASSY, Double decker (310-10182-01) -- Union Assy, 1", Pressure pipe, Double decker (310-10175-01) -- ASSY, Extend pipe, 1", Double decker (310-10181-01) -- ASSY, Spray pipe, Double decker (310-10002-04) -- 3/4" Hosepipe (361-03003-03) -- Connector, Joint, 3/4", ABS, Gray (363-05028-01) -- O-Ring, φ40mm (1.57")×3.1mm (.12"), Black (337-51006-01) -- Nut, Joint, 3/4", ABS, Gray (363-05027-01) -- ASSY, 1" pressure pipe (310-10163-01) -- Green Nozzle (371-10001-01) -- Red/Green Nozzle (371-10001-03)
	A2	310-10175-01 Union Assy, 1", Pressure pipe, Double decker			
	A3	310-10181-01 ASSY, Extend pipe, 1", Double decker			
	A4	310-10002-04 ASSY, Spray pipe, Double decker			
	A5	361-03003-03 3/4" Hosepipe			
	A6	363-05028-01 Connector, Joint, 3/4", ABS, Gray			
	A7	337-51006-01 O-Ring, φ40mm (1.57")×3.1mm (.12"), Black			
	A8	363-05027-01 Nut, Joint, 3/4", ABS, Gray			
	A9	310-10163-01 ASSY, 1" pressure pipe			
	A10	371-10001-01 Green Nozzle			

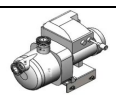
B	B1	310-10066-01 ASSY, Filter Module, Left	
	B2	310-10150-01 ASSY, Pipe , Main, Double decker	
	B3	310-10156-01 ASSY, Pipe, Inlet, first Layer, Double decker, Platform	
	B4	310-10060-01 ASSY, Pipe , Handle Drain , Reservoir	
	B5	310-10152-01 ASSY, Pipe, Vertical, Right, Double decker, Platform	
	B6	310-10067-01 ASSY, Filter Module, Right	
	B7	310-10058-01 ASSY, Solenoid Valve,1", Normally Closed	
	B8	310-10167-01 ASSY, Motorized Valve,1", Covna	
	B9	310-10089-01 ASSY, Pipe, Drain, Down, AE2.1	
	B10	310-10169-01 ASSY, Pipe, Drain, Motorized Valve, Double decker	
	B11	310-10088-01 ASSY, Pipe, Drain, Up, AE2.1	
	B12	310-10056-01 ASSY, Pipe, Return to Reservoir	
	B13	310-10168-01 ASSY, Pipe, Loop, Double decker	
	B14	310-10154-01 ASSY, Pipe, Inlet, Right, Double decker	
	B15	363-06028-01 Body, 1" Back pressure regulating valve	
	B16	310-10155-01 ASSY, Pipe, Return, Relief Valve, Double decker, Platform	
	B17	310-10153-01 ASSY, Pipe, Inlet, Left, Double decker	
	B18	310-10151-01 ASSY, Pipe, Vertical, Left, Double decker, Platform	
	B19	310-10176-01 ASSY, Pipe, Inlet, Outside, Double decker	

AE4DD Irrigation pipe –ADU Pipe

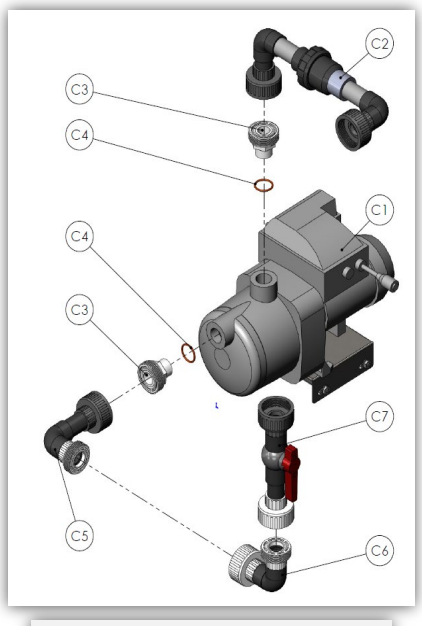


We accept the orders of,

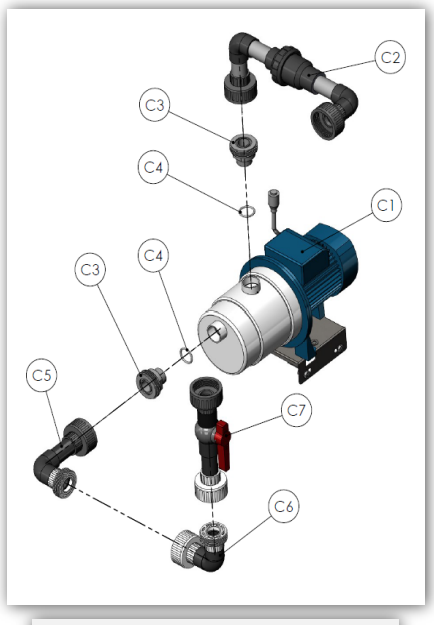
-- ASSY, Pipe , Main, Double decker (310-10150-01)
-- ASSY, Pipe, Inlet, first Layer, Double decker, Platform (310-10156-01)
-- ASSY, Pipe, Vertical, Left, Double decker, Platform (310-10151-01)
-- ASSY, Pipe, Vertical, Right, Double decker, Platform (310-10152-01)
-- ASSY, Pipe, Inlet, Left, Double decker (310-10153-01)
-- ASSY, Pipe, Inlet, Right, Double decker (310-10154-01)
-- Body, 1" Back pressure regulating valve (363-06028-01)
-- ASSY, Solenoid Valve,1", Normally Closed for irrigation pipe (310-10058-01)
-- ASSY, Pipe, Loop, Double decker (310-10168-01)
-- ASSY, Pipe, Inlet, Outside, Double decker (310-10176-01)
-- ASSY, Pipe, Drain, Up, AE2.1 (310-10088-01)
-- ASSY, Pipe, Drain, Motorized Valve, Double decker (310-10169-01)
-- ASSY, Pipe, Drain, Down, AE2.1 (310-10089-01)
-- ASSY, Pipe, Return to Reservoir (310-10056-01)
-- ASSY, Pipe , Handle Drain , Reservoir (310-10060-01)
-- ASSY, Pipe, Return, Relief Valve, Double decker, Platform (310-10155-01)
-- ASSY, Motorized Valve,1", Covna for drain and inlet pipe (310-10167-01)
-- ASSY, Filter Module, Left/Right (310-10066-01/310-10067-01)

C	C1	391-00017-01 Pump, DAB, EUROCOM, 25/806 M, 220V/60HZ	
		391-70005-01 Pump, Italy, PLURIJETm3/100-N, 220V/50HZ	
	C2	310-10135-01 Piping ASSY, Single Check Valve, DAB Pump	
		310-10069-01 Piping ASSY, Single Check Valve, Pedrollo Pump	
	C3	363-06021-01 1" male connector	
	C4	Removed/2024.4.17 ECO240002	
	C5	310-10134-01 Pump inlet pipe assembly, DAB	
		310-10070-01 Pump inlet pipe assembly, Pedrollo	
	C6	310-10071-01 Pump inlet pipe elbow	
		310-10136-01 Pipe assembly connecting reservoir and DAB pump	
	C7	310-10061-01 Pipe assembly connecting reservoir and Pedrollo pump	

AE4DD Irrigation pipe –Pump Module



310-05010-01, UL Pump ASSY ,DAB, 220V/60HZ For NA



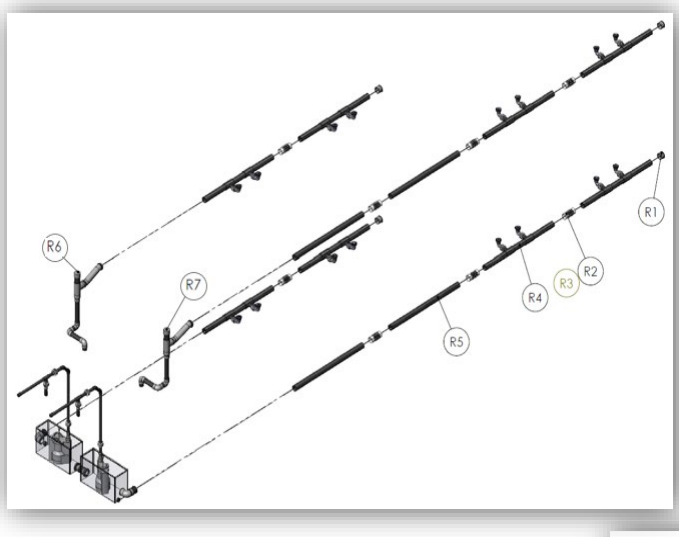
310-05011-01, CE Pump ASSY, Pedrollo, 220V/50HZ For EMEA

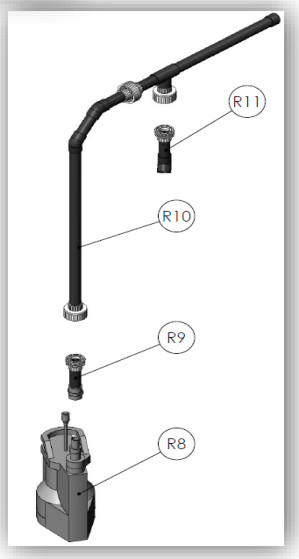
We accept the orders of,

-- 220V/ 60Hz/ 550W UL certified irrigation pump(With inlet/outlet connector, power cables and mounting bracket pre-installed) (310-05010-01)
-- Pump outlet pipe assembly (310-10135-01)
-- Pump inlet pipe assembly (310-10134-01)
-- Pump inlet pipe elbow (310-10071-01)
-- Pipe connecting reservoir and pump (310-10136-01)
-- 220V/ 50Hz/ 550W CE certified irrigation pump(With inlet/outlet connector, power cables and mounting bracket pre-installed) (310-05011-01)
-- Pump outlet pipe assembly (310-10069-01)
-- Pump inlet pipe assembly (310-10070-01)
-- Pump inlet pipe elbow (310-10071-01)
-- Pipe connecting reservoir and pump (310-10061-01)

R	R1	363-08003-01 2" End cap	
	R2	330-00157-01 Coupling, 150mm, PVC	
	R3	322-90019-01 Hose clamps Type F 304 Size 32 40~64	
	R4	310-10162-01 ASSY,drain pipe, 2"	
	R5	361-00036-01 Pipe, 2", PVC, 1060mm	
	R6	310-10171-01 ASSY, Return Pipe, Left, Double decker	
	R7	310-10172-01 ASSY, Return Pipe, Right, Double decker	
	R8	300-00217-01 UL Return pump assembly	
		300-00218-01 CE Return pump assembly	
	R9	310-10270-01 Return pump Pipe ASSY, CORES, AE2.1	
	R10	310-10268-01 Return pump pipe ASSY, AE2.1	
	R11	310-10170-01 ASSY, Pipe, Return Pump To Reservoir	

AE4DD Return Water Piping





We accept the orders of,

-- 2" plug (363-08003-01)
-- Coupling, 150mm, PVC (330-00157-01)
-- Hose clamps Type F 304 Size 32 40~64 (322-90019-01)
-- ASSY,drain pipe, 2" (310-10162-01)
-- Pipe, 2", PVC, 1060mm (361-08001-01)
-- ASSY, Return Pipe, Left, Double decker (310-10171-01)
-- ASSY, Return Pipe, Right, Double decker (310-10172-01)
-- Return pump assembly (300-00217-01)
-- Return pump assembly (300-00218-01)
-- Pipe assembly from return pump (310-10270-01)
-- End of pipe assembly to reservoir (310-10268-01)
-- Pipe assembly to reservoir (310-10170-01)