

N E T A F I M U S A

DIGITAL FARMING PRICE LIST

EFFECTIVE JANUARY 4, 2021

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TERMS AND CONDITIONS

PRICING

All prices shown are recommended retail prices. Wholesale prices are net pricing discounted from list prices. All prices are subject to change without notice. Orders will be invoiced at the prices and discounts in effect at the time of order. Prices do not include taxes, freight, or other surcharges.

PRODUCT CLASSIFICATION

Netafim USA's Digital Farming Price List represents our most commonly ordered products as well as some reference to options, which may be available. If you have a product requirement for something you do not see listed, please call Customer Service for availability, price, and delivery times. We will make every effort to fill your order and will work with you on Special Order or Custom requests. In the case of Special Orders or Custom requests, prices and delivery will be quoted and the order will not be eligible for cancellation or return. Also, Special Orders or Custom requested products, manufactured or ordered to "non-standard" specifications, will be shipped immediately upon availability.

TERMS

All invoices are payable in United States Dollars at net thirty (30) days from the date of invoice, unless otherwise stated. All past due balances will be assessed a three quarter of one percent (0.75%) monthly finance charge. Any check or remittance received from or for the account of buyer may be accepted and applied by Netafim USA against any indebtedness owed by buyer to Netafim USA without prejudice to or the discharge of the remainder of such indebtedness of any condition, provision, statement, legend or notation appearing on or referring to or accompanying such check or remittance.

ACCOUNT STATUS

All orders are subject to credit review. Shipments may be held until account is current.

MINIMUM ORDER

Minimum invoice order amount is one hundred (\$100). This minimum order applies to whole good orders only and not for non-standard items liked extruded products with special flows and/or pricing. A twenty dollar (\$20) per order charge will be assessed on all whole good orders less than the one hundred (\$100) minimum.

ACCEPTANCE

The customer acknowledges responsibility for inspecting all goods shipped by Netafim USA to determine whether said goods are conforming to the customer's order, including whether all goods listed on the packing list have been shipped and whether the shipment contains any damaged goods. The customer agrees that fourteen (14) days from receipt of said shipment is a reasonable time in which to perform the inspection and notify Netafim USA of any nonconformity. If Netafim USA has not received notice of nonconformity within fourteen (14) days of the customer's receipt of the shipment, the customer agrees that the customer has accepted the goods, as that term is defined by the California Commercial Code, and the customer's right to reject the shipment will be terminated. Also, if notice of nonconformity is not received within fourteen (14) days of the customer's receipt of the shipment, Netafim USA will be relieved of any obligation concerning the shipment, other than warranty obligations, and the customer will pay for the shipment in full. The customer shall bear the complete cost of the inspection in all circumstances. The customer agrees that Netafim USA will have an opportunity to cure any nonconforming shipment. The customer further agrees that, in the event that notice of nonconformity is received by Netafim USA, the time for Netafim USA's performance under the purchase agreement will be extended for a reasonable time to allow Netafim USA to tender conforming goods.

RETURNS

No merchandise may be returned without Netafim USA's written consent and authorization. Requests to return merchandise must be made within 120 days of receipt of shipment from Netafim USA and reference the Netafim USA invoice number. Any approved return must be accompanied by a return goods authorization (RGA) issued by Netafim USA, clearly marked on the exterior of the parcel and shipped freight prepaid within 30 days of RGA issue date. All merchandise must be new, in original packaging and in salable condition. Non-standard, Custom or Special Order items are not eligible for return. All approved returns are subject to a fifteen (15%) restocking fee. Any shipment not meeting these criteria will not be accepted.

TERMS AND CONDITIONS

RETURN OF DEFECTIVE GOODS

Netafim USA will be responsible for the return shipping of goods that are defective upon arrival, other than goods damaged in transport by the carrier. Notice of Defect must be received by Netafim USA within fourteen (14) days of the customer's receipt of said goods. The buyer agrees that failure to give notice of defects within such time is a waiver of any defect. Prior approval from the customer's Dealer Relationship Manager and an RGA must accompany all returns. Credit will not be given until the product has been received by Netafim USA and approved for warranty.

FREIGHT TERMS

F.O.B./C.I.F. shipping location. Standard shipping method is our choice of carrier, shipped prepaid and added to the customer invoice. Shipments will be made within a one hundred fifty (150) mile radius of the dealer's store.

FREIGHT DAMAGES

The customer acknowledges that risk of loss during transport is on the customer. Netafim USA is not liable for damage or loss occurring during shipment. Claims for such damages must be filed with the freight carrier directly.

EXPORT COMPLIANCE

These commodities, technology, or software (the "Products") when exported from the United States are subject to the Export Administration Regulations ("EAR"). Diversion contrary to U.S. law is prohibited. Purchaser hereby certifies that it understands its obligations to comply with U.S. export controls and trade sanctions including the EAR and the laws and regulations implemented by the U.S. Department of the Treasury Office of Foreign Assets Control ("OFAC"). Purchaser agrees to obtain any necessary authorization to transfer the Products outside the U.S. or to non-U.S. persons within the U.S., and will not transfer Products to any entity or country prohibited under U.S. law including countries subject to U.S. economic sanctions administered under the EAR or by OFAC or to entities prohibited for export under the EAR or the laws and regulations implemented by OFAC.

PRODUCT CHANGES

Netafim USA reserves the right to redesign, alter, or modify its products at any time, without notice. Any catalog, design manual, price sheets, and/or other written material are subject to withdrawal or change at any time without prior notice. Possession of the current catalog or price sheets does not constitute an offer to sell.

PARTIAL SHIPMENTS/COMPLETE SHIPMENTS

Netafim USA's goal is to ship customer orders complete and within the requested delivery time. Netafim USA will ship orders from any available warehouse unless otherwise specified by the customer and will "Ship and Backorder" to meet requested delivery dates unless otherwise specified by the Customer.

LITERATURE

Netafim product literature is available on our website at www.netafimusa.com (Dealer Resources-downloadresourcehub) HubAgriculture Division) for viewing, downloading or printing.

PRODUCT WARRANTY

NETAFIM USA'S DIGITAL FARMING WARRANTY INFORMATION

(A) BASIC MANUFACTURER'S LIMITED WARRANTY

Products sold and/or manufactured by Netafim Irrigation, Inc. (Netafim USA) are warranted to be free from original defects in material and workmanship for a period of one (1) year from the date of shipment to the buyer.

(B) LIMITED WARRANTY FOR NMC JR PRO, NMC PRO AND NMC DC SYSTEM MANAGERS (IRRIGATION CONTROLLERS)

Netafim NMC Junior Pro, NMC Pro and NMC DC System Managers are warranted to be free from original defects in materials and workmanship for a period of two (2) years from the date of shipment from Netafim USA.

(C) LIMITED WARRANTY FOR NETBEAT IRRIGATION SYSTEMS

Netafim NetBeat™ Irrigation Systems are warranted to be free from original defects in materials and workmanship for a period of (18) months from the date of shipment from Netafim USA.

(D) LIMITED WARRANTY ON SINGLENET SINGLE CABLE AND RADIONET WIRELESS VALVE CONTROL SYSTEMS

Netafim SingleNet Single Cable Control System and RadioNet Wireless Valve Control System components are warranted to be free from original defects in materials and workmanship for a period of two (2) years from the date of shipment from Netafim USA.

The warranty listed above is effective only if a claim is made by written notice within the applicable warranty period and postmarked within fourteen (14) days after discovery of the defect on which the claim is based. Such notice shall be delivered to Netafim USA at the following address:

**NETAFIM USA
5470 E. HOME AVENUE
FRESNO, CA 93727
ATTN: PRODUCT MANAGEMENT**

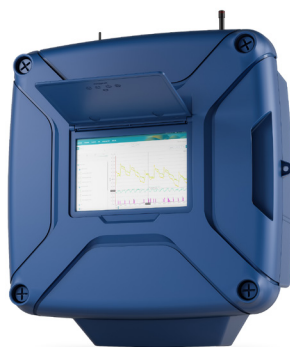
The buyer shall, together with its notice of claim, offer Netafim USA in writing promptly opportunity to examine the defective product and correct the defect, if possible. This warranty shall be void unless buyer delivers the defective product to Netafim USA at buyer's sole cost and in accordance with Netafim USA's instructions.

COMMISSIONING FEES

COMMISSIONING FEES

Item Number	Model Number	Description	Price Each
79900-006100	31AIRTRAVEL	Air Travel, Round Trip	2,612.00
79900-006180	31VEHICLETRAVEL	Vehicle Travel / Hour	231.00
79900-006160	31DAILYEXPENSES	Daily Expenses	1,072.00
79900-006120	31ONSITESERVICE	Commissioning, Service, Training Onsite / Day / Technician	2,533.00
79900-006140	31HOURLYSERVICE	Commissioning, Service, Training / Hour / Technician, 1 hour increments	328.00

NETBEAT



NETBEAT MCU (MAIN CONTROL UNIT)

Item Number	Model Number	Description	Price Each
74700-000020	1NBMCUDISP110V	NetBeat MCU Controller: includes touch screen display, 110VAC power supply, power tile, CPU tile, integrated Verizon Wireless-certified cellular modem , 6 expansion slots, 12vDC 5Ah battery, IP65 enclosure and keyed padlock. CPU tile includes 1 x Ethernet port, 1 x Wi-Fi / Bluetooth module with built-in antenna, LoRa NetRTU radio with external SMA antenna, 1 x RS232 port and 1 x RS485 port. Mounting requires 4 x M6x20mm bolts or optional mounting adapter. Cloud access / cellular activation requires	7,302.00

NETBEAT MCU EXPANSION OPTIONS

Item Number	Model Number	Description	Price Each
74720-000001	31NBMCUACDCTILE	NetBeat MCU AC DC Latch Tile: includes 16 programmable digital outputs (each output can be defined as 24 VAC / 24 VDC / 12V DC Latch, outputs cannot share a common wire) , 4 programmable digital inputs (Off < 0.8V, On > 2.1V, Max Freq 472 Hz)	1,314.00
74720-000002	31NBMCUANLGINTILE	NetBeat MCU Analog Input Tile: includes 2 EC inputs, 2 pH inputs, 6 programmable analog inputs (0-10V, 0-20mA, 0-200 Ohm, 0-30k Ohm. If using one EC sensor, one analog input will be needed for the EC temperature sensor), 4 programmable digital inputs (Off < 0.8V, On > 2.1V, Max Freq 472 Hz)	1,694.00

NETBEAT

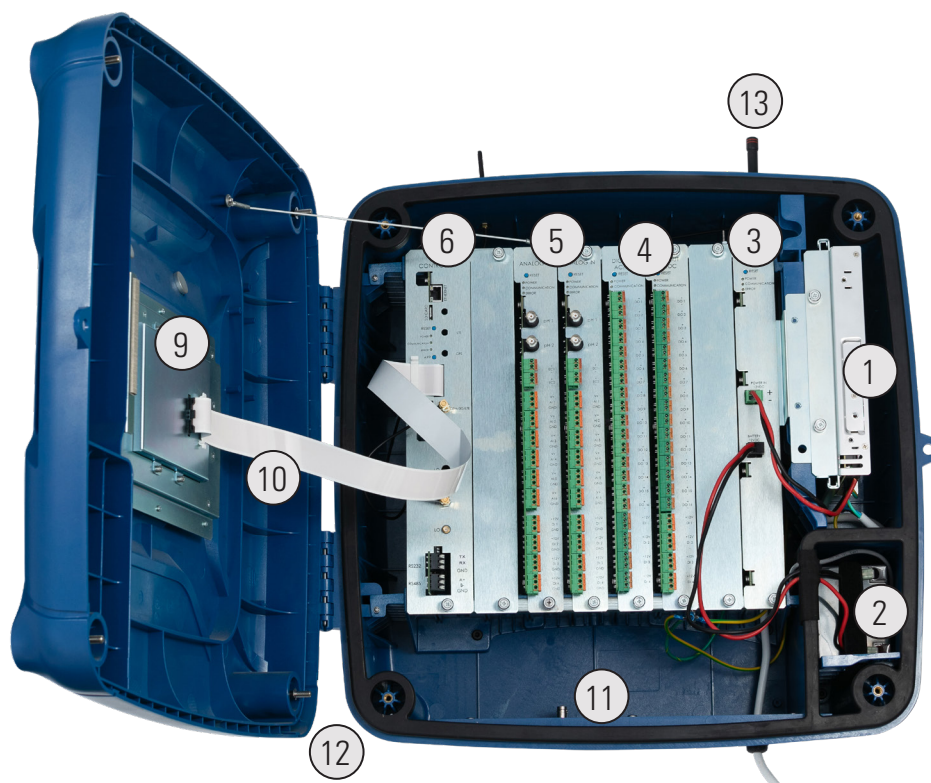
NETBEAT MCU COMMUNICATION OPTIONS

Item Number	Model Number	Description	Price Each
79900-006170	31NBANNUALFEE	NetBeat License Fee: required for use with NetBeat cloud interface, for remote control/monitoring.	1,200.00
74740-000460	31NBCELLBOOSTANT	MCU Cell Boost Antenna LTE Mimo	2,087.00

NETBEAT MCU MOUNTING OPTIONS

Item Number	Model Number	Description	Price Each
74740-000201	31NBMCUWMBRKT	NetBeat MCU Wall Mount Kit: includes all mounting hardware (screws for MCU, screws for wall, dry wall anchors, bubble level)	42.00
45000-008768	31NBMCUFKBRKT	NetBeat MCU FertiKit 3G Mount Kit: includes 2 aluminum frame brackets (requires 4 – 6 mm x 20 mm bolts, uses existing FertiKit bolts)	107.00

NETBEAT



NETBEAT MCU SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	74740-000115	31NBMCUPWRSUPPLY	MCU Power Supply	138.00
2	74740-000116	31NBMCUBATTERY	MCU Backup Battery	128.00
3	74740-000117	31NBMCUPOWERTILE	MCU Power Tile	823.00
4	74720-000001	31NBMCUACDCTILE	MCU AC DC Latch Tile	1,314.00
5	74720-000002	31NBMCUANLGINTILE	MCU Analog Input Tile	1,694.00
6	74740-000118	31NBMCUCPUTILE	MCU Controller Tile	3,337.00
7	74720-000100	31NBMCUBUSCARD	MCU Bus Card (not pictured)	256.00
8	74720-000101	31NBMCULORA	MCU LoRa Module (on controller tile, not pictured)	406.00
9	74720-000102	31NBMCUDISPLAY	MCU Touchscreen Display	863.00
10	74740-000101	31NBMCUDISPCABLE	MCU Display Cable	114.00
11	74740-000104	31NBMCUCABLEPANEL	MCU Cable Entry Panel	30.00
12	74740-000105	31NBMCUBOXWDISP	MCU Empty Box w/ Display Cutout	970.00
13	74740-000110	31NBMCULORAANT	LoRa Antenna 915MHz	50.00
	74740-000111	31NBLOACABLE10M	LoRa Antenna Cable 10 m (33 ft) (not pictured)	270.00
	74740-000114	31NBLOACABLE5M	LoRa Antenna Cable 5 m (16 ft) (not pictured)	169.00
	74740-000120	31NBANTHOLD	Remote Antenna Bracket (not pictured)	4.40

NETBEAT



IRRROMETER



DELTA-T SM150



WEATHER STATION

NETBEAT SENSOR OPTIONS

Item Number	Model Number	Description	Price Each
70261-010980	30FFM	Fertilizer Flow Meter, 3/4" BSP w/ NPT Adapters, 0.1 USG/pulse	366.00
74340-008200	31TEMP/RH	Temperature & Humidity Sensors w/ Basic Shield	1,461.00
74340-004300	31TEMP	Temperature Sensor w/ Basic Shield	272.00
00107-014020	31PT200-4-20MA	Pressure Transducer, 200 psi, 4-20 mA, 1/4 MIPT, M12 Male Connector	268.00
00107-014021	31PTCABLE2M	Pressure Transducer Cable, 2 m (6 ft), M12 Female Connector	31.00
74730-000001	31NBIRROMETERMS30	Irrrometer Tensiometer, Most Soils, 30 cm (12 in)	373.00
74730-000002	31NBIRROMETERMS60	Irrrometer Tensiometer, Most Soils, 60 cm (24 in)	387.00
74730-000003	31NBIRROMETERMS90	Irrrometer Tensiometer, Most Soils, 90 cm (36 in)	404.00
74730-000010	31NBDTSM150T	Delta-T SM150T Kit: Includes Sensor & Cable	432.00
74740-000300	31NBDTSM150TEXT	Delta-T SM150T Extension Cable, 7.6 m (25 ft)	258.00
74730-000050	31NBWSDIRECT	Davis Weather Station, Direct Wire to MCU RS232 Port	1,978.00
45000-006705	31ECSSENSABB4G	EC & Temperature Sensor, JUMO 12mm, Bare Wires, Requires 33120-008500 for Installation	607.00
45000-006692	31PHSENS4GBNC	pH Sensor, JUMO 12mm, Glass Shaft, BNC Connector, Requires 33120-008500 for Installation	328.00
33120-008500	31SNSUNION	EC/pH Sensor Union Set 3/4" MIPT	90.00
45000-006480	31ECCALIB	EC Calibration Fluid, 20mL	4.30
45000-006440	31PHBUFFER4.0	pH Calibration Fluid, 20mL, pH 4.0	4.30
45000-006460	31PHBUFFER7.0	pH Calibration Fluid 20mL, pH 7.0	4.30

NMC PRO IRRIGATION CONTROLLER

NMC PRO

Item Number	Model Number	Description	Price Each
74340-003095	31NMCPRO	NMC Pro Irrigation Controller, 115VAC power supply, 80VA 24VAC transformer, includes 16 24VAC outputs, 8 digital inputs, data plug backup key, 7 expansion slots, double door enclosure and external 115VAC surge suppressor	7,302.00



NMC PRO AND CLIMATE CONTROLLER COMMUNICATION OPTIONS

Item Number	Model Number	Description	Price Each
33900-003000	31NMCAIR1CTRKIT	NMC Air Kit for a single NMC Pro/DC controller, includes NMC Air gateway, 115/220VAC power supply, NMC Pro/DC RS485 communication card, 2-year License, enclosure. NMC Air requires Internet service via RJ45 Ethernet or optional cellular modem model number 00107-004962	2,407.00
00107-011202	31NMCPRODIRECTKIT	NMC Net Kit for a single NMC Pro/DC controller, includes NMC Pro/DC RS232 communication card, 6' RS232 DB9 female cable, and NMC Net software CD	1,214.00
00107-004962	31CELLMODEMICU+	ICU+ Cellular Modem, includes Digi WR21 Transport with Ethernet and RS232 ports, 110VAC to 12VDC power supply, DB9 null modem adapter. Cellular service and SIM card provided by end user. Compatible with Verizon (default), AT&T, Sprint, T-Mobile, and others. For use with NMC Air or NMC Net.	1,976.00

NMC PRO SENSOR OPTIONS

Item Number	Model Number	Description	Price Each
74340-004955	31NMCWEATHER	Weather Station for NMC Pro Controller: includes solar radiation, wind speed, wind direction, temperature, humidity, and tipping rain bucket	4,454.00
74340-004100	31GHTRH	Greenhouse Temperature and Relative Humidity Kit: includes temperature sensor, relative humidity sensor, powered ventilation box	1,547.00
74340-004270	31GHT	Greenhouse Temperature Kit: includes temperature sensor and powered ventilation box	848.00
74340-008200	31TEMP/RH	Temperature and relative humidity sensors with basic shield	1,461.00
74340-004300	31TEMP	Temperature sensor with basic shield	272.00
00107-014020	31PT200-4-20MA	Pressure transducer, 200 psi, 4-20 mA, 1/4 MIPT, M12 Male connector	268.00
00107-014021	31PTCABLE2M	Pressure transducer cable, 2 m (6ft), M12 Femal connector	31.00
33000-003315	31ECPHKIT4G	EC & pH Kit: includes 24VAC wall mount transmitter, 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions	1,939.00

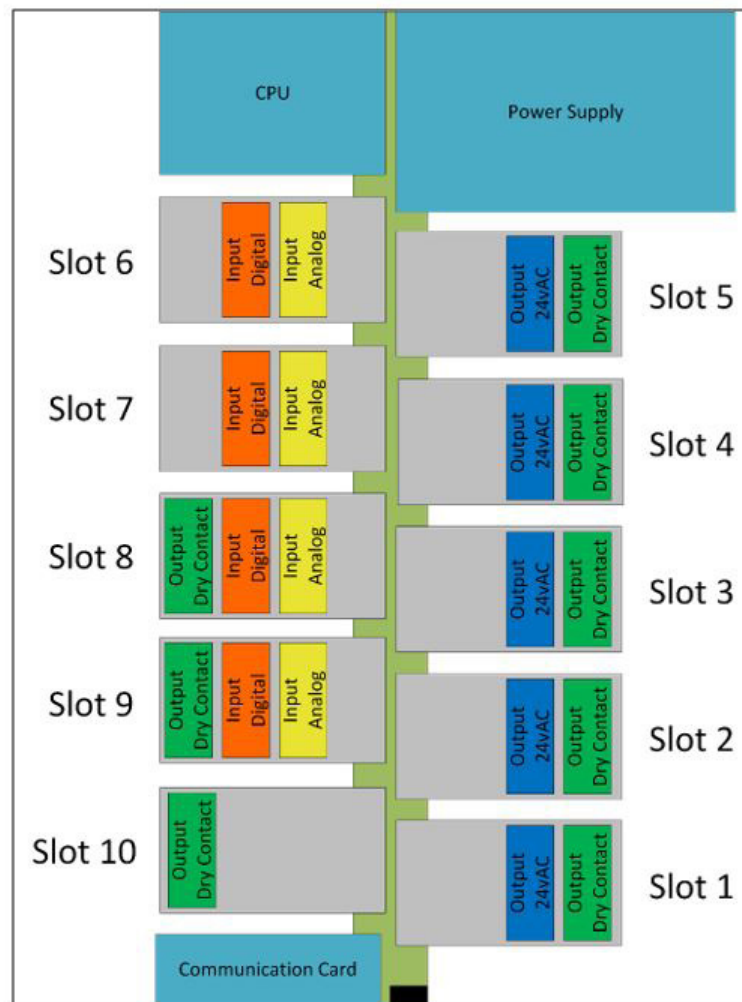
NMC PRO IRRIGATION CONTROLLER

NMC PRO EXPANSION OPTIONS

Item Number	Model Number	Description	Price Each
74340-014100	31NMCPROXPANBX	NMC Pro Expansion Box (up to 3 per NMC Pro controller), 115VAC power supply, 350VA 24VAC transformer, includes expansion CPU with RS232/RS485 communication, 10 expansion slots, and enclosure. Requires input/output boards	3,310.00
74340-008500	31NMC640B	Output board, 8 outputs, 24VAC (limit 5 per NMC Pro / NMC Pro expansion box)	555.00
74340-008600	31NMC640BDC	Output board, 8 outputs, dry contact (limit 8 per NMC Pro / NMC Pro expansion box)	555.00
74340-008800	31NMC64IBDP	Input board, 8 digital/pulse inputs (limit 4 per NMC Pro / NMC Pro expansion box)	513.00
74340-008900	31NMC64IBA	Input board, 11 analog inputs (limit 2 per NMC Pro / NMC Pro expansion box)	596.00
74340-009530	31NMCPROLICENSEKEY	NMC Pro/DC RTU license key, 128 outputs	1,052.00
74340-009560	31NMCPROLICENSE256	NMC Pro/DC RTU license key, 256 outputs	1,911.00

NMC PRO INPUT / OUTPUT BOARD OPTIONS

The NMC Pro can accommodate several different input / output cards, but there are restrictions on where these cards plug in and how many are allowed. Use this diagram to determine which cards are needed.



NMC PRO CLIMATE CONTROLLER

NMC PRO CLIMATE CONTROLLER

Item Number	Description	Price Each
74340-019116	NMC Pro Climate Controller, 115VAC power supply, 80VA 24VAC transformer, includes 40 24VAC outputs, 24 dry contact outputs, 8 digital inputs, 11 analog inputs, data plug backup key, 0 expansion slots, double door enclosure, and external 115VAC surge	35,378.00



CO2 SENSOR



TEMPERATURE
RH SENSOR



WEATHER STATION

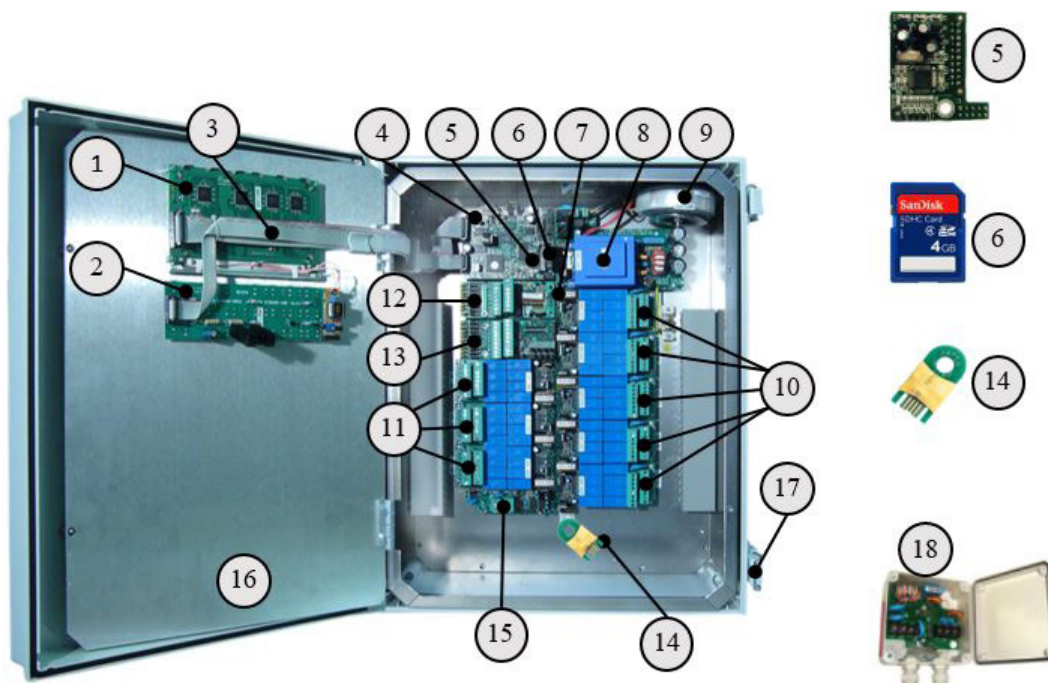
NMC PRO CLIMATE CONTROLLER SENSOR OPTIONS

Item Number	Description	Price Each
74340-004260	NMC Measuring Box, Temp & Humidity	1,494.00
45000-006895	CO2 Sensor	2,486.00
74340-004955	Weather Station with Rain Tipping Bucket	4,454.00

NMC PRO CLIMATE CONTROLLER WIRE OPTIONS

Item Number	Description	Price Each
77100-005611	CBL 22AWG/6CON X 200M (656FT) SHLD For Temp+Hum	864.00
77100-005640	CBL 22AWG/4CON X 200M (656FT) SHLD RS485 Communication	908.00
77100-005630	CBL 20AWG/2CON X 200M (656FT) UNSHLD	535.00
77100-005610	CBL 22AWG/4CON X 200M (656FT) SHLD for CO2	797.00
77100-005631	CBL 20AWG/24CON X 200M (656FT) UNSHLD	2,244.00

NMC PRO IRRIGATION & CLIMATE CONTROLLER



NMC PRO SPARE PARTS - IRRIGATION CONTROLLER & CLIMATE CONTROLLER

Key	Item Number	Model Number	Description	Price Each
1	74340-004920	31NMCPRODISP	NMC Pro/DC Display with LED Backlight	1,134.00
2	74340-003300	31NMCPROKEY	NMC Pro/DC Keyboard for LED Backlight	399.00
3	74340-020800	31NMCPRORIBBONS	NMC Pro/DC Display and Keyboard Ribbon Cable Set	Call
4	74340-014600	31NMCPROCPCUCARD	NMC Pro CPU Card, includes SD Card	2,012.00
	74340-012700	31NMCPROCPCUEXP	NMC Pro Expansion CPU Card	772.00
5	74340-009530	31NMCPROLICENSEKEY	NMC Pro/DC RTU license key, 128 outputs	1,052.00
	74340-009560	31NMCPROLICENSE256	NMC Pro/DC RTU license key, 256 outputs	1,911.00
6	74340-014650	31NMCSDCARD	NMC Pro/DC/Jr Pro SD Card	48.00
7	74340-007800	31NMC64IOBUSS	NMC Pro I/O Bus Card	260.00
8	74340-007900	31NMC64PS	NMC Pro Power Supply Card, 115VAC	860.00
	74340-009300	31NMC64PWR12V	NMC Pro Power Supply Card, 12VDC	436.00
9	74340-008050	31NMC64TRANS24	NMC Pro 115/24VAC transformer (requires 74340-007900)	230.00
10	74340-008500	31NMC64OB	NMC Pro Output card, 8 outputs, 24VAC (limit 5 per NMC Pro/NMC Pro expansion box)	555.00
11	74340-008600	31NMC64OBDC	NMC Pro Output card, 8 outputs, dry contact (limit 8 per NMC Pro/NMC Pro expansion box)	555.00
12	74340-008800	31NMC64IBDP	NMC Pro Input card, 8 digital/pulse inputs (limit 4 per NMC Pro/NMC Pro expansion box)	513.00
13	74340-008900	31NMC64IBA	NMC Pro Input card, 11 analog inputs (limit 2 per NMC Pro/NMC Pro expansion box)	596.00
14	74340-014500	31NMC64PRODP	NMC Pro/DC/Jr Pro Data Plug (Gold)	237.00
15	74340-009100	31NMC64CCR	NMC Pro/DC Communication Card RS232 / RS232	513.00
	74340-009200	31NMC64CC	NMC Pro/DC Communication Card RS485 / RS232	513.00
	74340-012800	31NMC64PRO2RS485	NMC Pro/DC Communication Card RS485 / RS485	527.00
16	74340-016670	31NMC64PROBOXDBL	NMC Pro Double Door Enclosure, includes box, metal door, metal back plate, and stickers	978.00
17	74340-001930	31NMC64CLATCHDOOR	NMC Pro Double Door Latch	25.00
18	74340-003760	31NMC64PLPBOX	NMC Pro/Jr Pro Power Supply Surge Suppressor	244.00
-	74340-014700	31NMC64UPKIT	NMC 64 Upgrade Kit, includes NMC Pro CPU, SD Card, Digital Input Card V3 Chip, NMC Pro/DC/Junior Pro Data Plug (Gold)	2,464.00

NMC JUNIOR PRO IRRIGATION CONTROLLER

NMC JUNIOR PRO

Item Number	Model Number	Description	Price Each
74340-023960	31NMCJRPROLC	NMC Junior Pro Irrigation Controller, 115VAC power supply, 50VA 24VAC transformer, includes 15 24VAC outputs, 6 digital inputs, 5 analog inputs (1 EC, 1 pH, 2 Temperature, 1 Humidity sensor), data plug backup key, double door enclosure, and external 115VAC surge suppressor	3,133.00



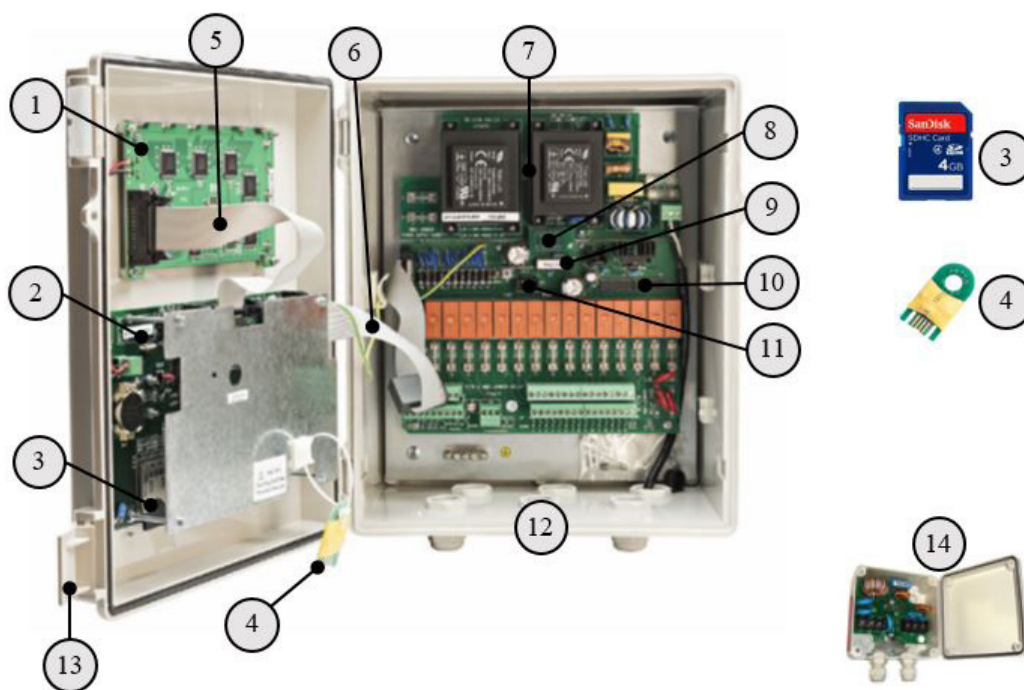
NMC JUNIOR PRO COMMUNICATIONS OPTIONS

Item Number	Model Number	Description	Price Each
33900-003080	31NMCAIR1JRCTRKIT	NMC Air Kit for a single NMC Junior Pro controller, includes NMC Air gateway, 115/220VAC power supply, NMC Junior Pro RS485 communication card, 2-year license, enclosure. NMC Air requires Internet service via RJ45 Ethernet or optional cellular modem model number 00107-004962	2,407.00
00107-011203	31NMCJRDIRECTKIT	NMC Net Kit for a single NMC Junior Pro controller, includes NMC Junior Pro RS232 communication card, 6' RS232 DB9 female cable, NMC Net software CD	1,214.00
00107-004962	31CELLMODEMICU+	ICU+ Cellular Modem, includes Digi WR21 Transport with Ethernet and RS232 ports, 110VAC to 12VDC power supply, DB9 null modem adapter. Cellular service and SIM card provided by end user. Compatible with Verizon (default), AT&T, Sprint, T-Mobile, and others. For use with NMC Air or NMC Net.	1,976.00

NMC JUNIOR PRO SENSOR OPTIONS

Item Number	Model Number	Description	Price Each
74340-004100	31GHTRH	Greenhouse temperature and relative humidity kit, includes temperature sensor, relative humidity sensor, powered ventilation box	1,547.00
74340-004270	31GHT	Greenhouse temperature kit, includes temperature sensor and powered ventilation box	848.00
74340-008200	31TEMP/RH	Temperature and relative humidity sensors with basic shield	1,461.00
74340-004300	31TEMP	Temperature sensor with basic shield	272.00
33000-003315	31ECPHKIT4G	EC & pH Kit, includes 24VAC wall mount transmitter, 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions	1,939.00

NMC JUNIOR PRO IRRIGATION CONTROLLER



NMC JUNIOR PRO SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	74340-004920	31NMCPRDISP	NMC Pro/DC/Junior Pro Display with LED Backlight	1,134.00
2	74340-009980	31NMCJRPROLEDCPU	NMC Junior Pro CPU & Keyboard for LED Backlight	1,002.00
3	74340-014650	31NMCSDCARD	NMC Pro/DC/Junior Pro SD Card	48.00
4	74340-014500	31NMCPRDOP	NMC Pro/DC/Junior Pro Data Plug (Gold)	237.00
5	74340-004973	31NMCJRDISPCABLE	NMC Junior Pro Ribbon Cable for Display	26.00
6	74340-004972	31NMCJRINOUTCABLE	NMC Junior Pro Ribbon Cable for I/O Card	26.00
7	74340-004995	31NMCJRPSCARD115V	NMC Junior Pro Power Supply Card, 115VAC	575.00
	74340-004997	31NMCJRPSDC	NMC Junior Pro Power Supply Card, 12VDC	436.00
8	74340-006500	31NMC15I/OCABLE	NMC Junior Pro Power Supply I/O Card Bridge	43.00
9	74340-005103	31NMCJRINOUTCHIP	NMC Junior Pro I/O Control Chip	26.00
10	74340-009490	31NMCJRINOUTCARD	NMC Junior Pro I/O Card, 15 outputs, 6 digital inputs, 5 analog inputs (1 EC, 1 pH, 2 Temperature, 1 Humidity)	749.00
11	74340-006600	31NMC15RS232	NMC Junior Pro Communication Card, RS232	585.00
	74340-006700	31NMCJRRS485	NMC Junior Pro Communication Card, RS485	585.00
12	74340-014750	31NMCJRDDBOX	NMC Junior Pro Double Door Enclosure, includes box, metal door, metal backplate (requires 74340-016560)	267.00
-	74340-016560	31NMCJRSTICKER	NMC Junior Pro Sticker	49.00
13	74340-006650	31NMCJRDCATCH	NMC DC/Junior Pro Door Latch	21.00
14	74340-003760	31NMCPLPBOX	NMC Power Supply Surge Suppressor	244.00

NMC DC IRRIGATION CONTROLLER

NMC DC

Item Number	Model Number	Description	Price Each
74340-013950	31NMCDC	NMC DC Irrigation Controller, 12VDC charging regulator, includes 8 12VDC latching outputs, 4 digital inputs, 4 analog inputs, data plug backup key, double door enclosure, requires solar panel or 12VDC power supply	4,482.00



NMC DC COMMUNICATIONS OPTIONS

Item Number	Model Number	Description	Price Each
33900-003000	31NMC AIR1CTRKIT	NMC Air Kit for a single NMC Pro/DC controller, includes NMC Air gateway, 115/220VAC power supply, NMC Pro/DC RS485 communication card, 2-year license, enclosure. NMC Air requires Internet service via RJ45 Ethernet or optional cellular modem model number 00107-004962	2,407.00
00107-011202	31NMC PRODIRECKIT	NMC Net Kit for a single NMC Pro/DC controller, includes NMC Pro/DC RS232 communication card, 6' RS232 DB9 female cable, NMC Net software CD	1,214.00
00107-004962	31CELLMODEMICU+	ICU+ Cellular Modem, includes Digi WR21 Transport with Ethernet and RS232 ports, 110VAC to 12VDC power supply, DB9 null modem adapter. Cellular service and SIM card provided by end user. Compatible with Verizon (default), AT&T, Sprint, T-Mobile, and others. For use with NMC Air or NMC Net.	1,976.00

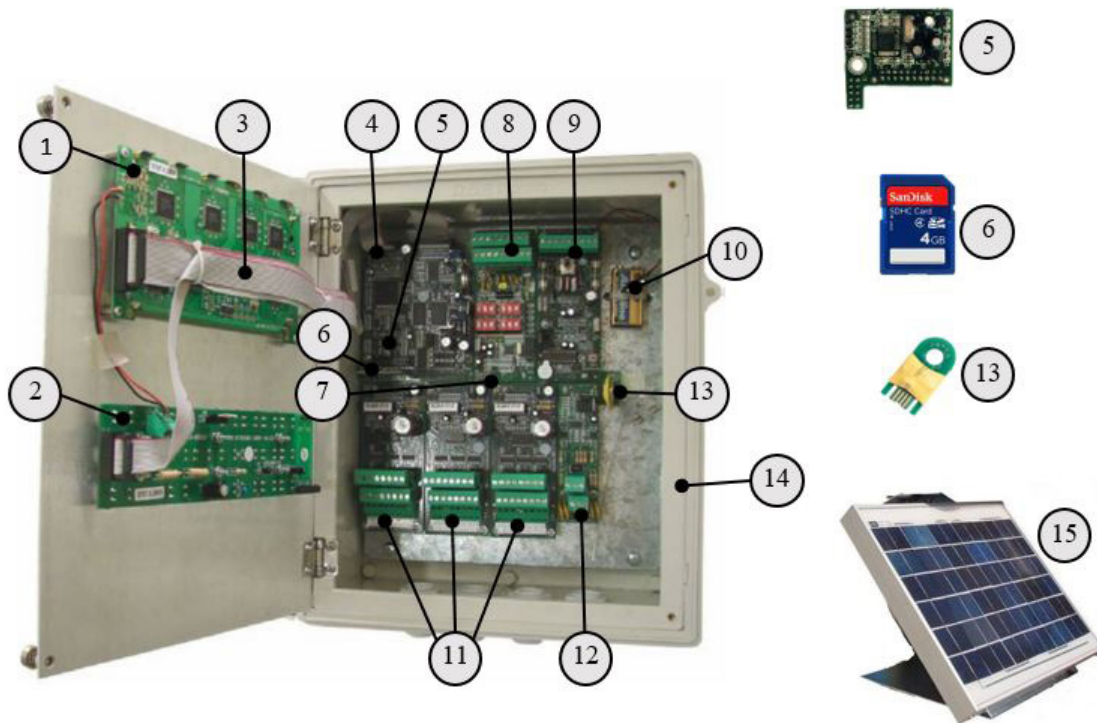
NMC DC SENSOR OPTIONS

Item Number	Model Number	Description	Price Each
74340-004100	31GHTRH	Greenhouse temperature and relative humidity kit, includes temperature sensor, relative humidity sensor, powered ventilation box	1,547.00
74340-004270	31GHT	Greenhouse temperature kit, includes temperature sensor and powered ventilation box	848.00
74340-008200	31TEMP/RH	Temperature and relative humidity sensors with basic shield	1,461.00
74340-004300	31TEMP	Temperature sensor with basic shield	272.00
00107-014020	31PT200-4-20MA	Pressure transducer, 200 psi, 4-20 mA, 1/4 MIPT, M12 Male connector	268.00
00107-014021	31PTCABLE2M	Pressure transducer cable, 2 m (6 ft), M12 Female connector	31.00
33000-003315	31ECPHKIT4G	EC & pH Kit, includes 24VAC wall mount transmitter, 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions	1,939.00

NMC DC EXPANSION OPTIONS

Item Number	Model Number	Description	Price Each
74340-009530	31NMC PROLICENSEKEY	NMC Pro/DC RTU license key, 128 outputs	1,052.00
74340-009560	31NMC PROLICENSE256	NMC Pro/DC RTU license key, 256 outputs	1,911.00

NMC DC IRRIGATION CONTROLLER



NMC DC SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	74340-004920	31NMCPRDISP	NMC Pro/DC/Junior Pro Display with LED Backlight	1,134.00
2	74340-003300	31NMCPROKEY	NMC Pro/DC Keyboard for LED Backlight	399.00
3	74340-008300	31NMCPROFLATCABL	NMC Pro/DC Display and Keyboard Ribbon Cable Set	121.00
4	74340-022000	31NMCDCCPU	NMC DC CPU Card, without SD Memory Card	1,791.00
5	74340-009530	31NMCPROLICENSEKEY	NMC Pro/DC RTU license key, 128 outputs	1,052.00
	74340-009560	31NMCPROLICENSE256	NMC Pro/DC RTU license key, 256 outputs	1,911.00
6	74340-014650	31NMCSDCARD	NMC Pro/DC/Junior Pro SD Card	48.00
7	74340-022300	31NMCDCBUS	NMC DC I/O Bus Card	91.00
8	74340-022100	31NMCDCINP	NMC DC Input Card, 4 digital, 4 analog (Temp, 0-5v, 4-20mA user selectable)	490.00
9	74340-022400	31NMCDCPOWER	NMC DC Power supply and charging regulator card	277.00
10	30540-003000	-	9VDC Backup Battery	Call
11	74340-022200	31NMCCLATCHOUT	NMC DC Latching Output Card, 8 outputs (limit 3 per NMC DC controller)	511.00
12	74340-009100	31NMCRCR	NMC Pro/DC Communication Card RS232 / RS232	513.00
	74340-009200	31NMC64CC	NMC Pro/DC Communication Card RS485 / RS232	513.00
	74340-012800	31NMCPR02RS485	NMC Pro/DC Communication Card RS485 / RS485	527.00
13	74340-014500	31NMCPR0DP	NMC Pro/DC/Junior Pro Data Plug (Gold)	237.00
14	-	31NMCDCBOX	NMC DC Double Door Enclosure, includes box, metal door, metal back plate, and stickers	Call
-	74340-006650	31NMCJRDCCLATCH	NMC DC/Junior Door Latch	21.00
15	74340-023500	31SOLARPANEL	NMC DC Solar Panel Kit, includes 20VA solar panel, 12VDC 9AH SLA battery, mounting bracket	1,498.00
-	74340-022850	31BRKTNMDC	NMC DC Pole mount bracket with battery holder	345.00

COMPONENTS

COMMUNICATION

Item Number	Model Number	Description	Price Each
00035-006750	31NMCDIRCPLUG9P	RS232 Cable, 6ft., DB9 Female, bare wire (Gr=COM, Yel=TX, Blu=RX), use to connect an NMC RS232 card to a PC	94.00
74340-003550	31NMCMUX485	NMC Multiplexer, RS485 115VAC, includes card and enclosure, use to connect 1 or more NMC controllers with RS485 cards to a RS232 dialup modem or PC, requires a RS232 cable (00035-006750)	1,656.00
74340-009800	31NMCCLP	NMC Multiplexer card, RS485 115VAC	1,204.00

EC/PH 4G

Item Number	Model Number	Description	Price Each
33000-003315	31ECPHKIT4G	EC & pH Kit, includes 4G Monitor (24VAC, wall mount), 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions	1,939.00
74340-003580	31ECPH4G24ACWL	EC & pH 4G Monitor for single EC & pH sensor, 24VAC, wall mount, requires EC & pH sensors	927.00
74340-003581	31ECPH4GDL24ACPL	EC & pH 4G Monitor for single EC & pH sensor, 24VAC, panel mount, requires EC & pH sensors	1,070.00
74340-003582	-	EC & pH 4G Monitor for dual EC & pH sensors, 24VAC, panel mount, requires 2 EC & 2 pH sensors	1,791.00
45000-006705	31ECSSENSABB4G	EC & temperature sensor, JUMO 12mm, bare wire	607.00
45000-006692	31PHSENS4GBNC	pH sensor, JUMO 12mm, glass, BNC connector	328.00
33120-008500	31SNSUNION	EC/pH sensor union set, 3/4" MIPT	90.00
45000-006480	31ECCALIB	EC Calibration fluid, 20mL	4.30
45000-006440	31PHBUFFER4.0	pH Calibration fluid, 20mL, pH 4.0	4.30
45000-006460	31PHBUFFER7.0	pH Calibration fluid, 20mL, pH 7.0	4.30

INPUTS/SENSORS

Item Number	Model Number	Description	Price Each
74340-004955	31NMCWEATHER	Weather Station for NMC Pro controller, includes solar radiation, wind speed, wind direction, temperature, humidity, and tipping rain bucket	4,454.00
74340-004100	31GHRH	Greenhouse temperature and relative humidity kit, includes temperature sensor, relative humidity sensor, powered ventilation box	1,547.00
74340-004270	31GHT	Greenhouse temperature kit, includes temperature sensor and powered ventilation box	848.00
74340-008200	31TEMP/RH	Temperature and relative humidity sensors with basic shield	1,461.00
74340-004300	31TEMP	Temperature sensor with basic shield	272.00
74340-010400	31RS	Radiation shield for temperature and relative humidity sensor	585.00
74340-010300	31CTS	Temperature sensor	170.00
74340-010100	31CB	Climatic box, for housing temperature and relative humidity sensors	860.00
74340-010200	31CCBF	Climatic box fan, for adding powered ventilation to climatic box	181.00
00107-014020	31PT200-4-20MA	Pressure transducer, 200 psi, 4-20 mA, 1/4 MIPT, M12 Male connector	268.00
00107-014021	31PTCABLE2M	Pressure transducer cable, 2 m (6 ft), M12 Female connector	31.00
70261-011000	30FFM	Fertilizer flow meter, 3/4" BSP with NPT adapters, 0.1 gallons/pulse	366.00

OUTPUTS/CONTROLS

Item Number	Model Number	Description	Price Each
35500-001300	3135500-001300	Aquative solenoid, 24VAC, with bracket	104.00
35500-002000	3135500-002000	Aquative solenoid, 12VDC latching, with bracket	99.00
35500-002100	61AQTVDCL2	Aquative solenoid (2), 12VDC latching, with bracket	206.00
35500-002200	61AQTVDCL3	Aquative solenoid (3), 12VDC latching, with bracket	285.00
35500-002300	61AQTVDCL4	Aquative solenoid (4), 12VDC latching, with bracket	345.00
00107-005450	28RELAY12VDCL	Output relay DPDT, 12VDC latching, with base	202.00
77100-012020	31NETACIDCON	Direct pump control box, single phase up to 20 Amp, includes Hand-Off-Auto selector switch, solid state relay	709.00

NEW

SOIL MOISTURE PROBES



STANDALONE DRILL AND DROP PROBES, SDI-12, TRISCAN

Item Number	Model Number	Description	Price Each
00107-000125	31STKPROBE-SINGLE	Drill and Drop Probe, Single Point, TriScan, SDI-12	537.00
00107-000117	31STKPROBE-1FT	Drill and Drop Probe, 1ft TriScan, SDI-12	1,116.00
00107-000118	31STKPROBE-2FT	Drill and Drop Probe, 2ft TriScan, SDI-12	1,392.00
00107-000119	31STKPROBE-3FT	Drill and Drop Probe, 3ft TriScan, SDI-12	1,624.00
00107-000120	31STKPROBE-4FT	Drill and Drop Probe, 4ft TriScan, SDI-12	1,841.00
00107-000121	31STKPROBE-5FT	Drill and Drop Probe, 5ft TriScan, SDI-12	2,595.00

BLUETOOTH PACKAGES (PROBE AND SOFTWARE), TRISCAN

Item Number	Model Number	Description	Price Each
00107-000107	31STKBLTOOTHPK-2FT	2 Foot Bluetooth Package (includes 1 Year IrriMax Software License)	1,912.00
00107-000108	31STKBLTOOTHPK-3FT	3 Foot Bluetooth Package (includes 1 Year IrriMax Software License)	2,182.00
00107-000109	31STKBLTOOTHPK-4FT	4 Foot Bluetooth Package (includes 1 Year IrriMax Software License)	2,452.00



COMPACT ALL-IN-ONE PACKAGES (PROBE, TELEMETRY AND SOFTWARE), TRISCAN

Item Number	Model Number	Description	Price Each
00107-000112	31STKCOMPACTPK-2FT	2 Foot Compact Package (includes 1 Year IrriMax Software License)	3,456.00
00107-000113	31STKCOMPACTPK-3FT	3 Foot Compact Package (includes 1 Year IrriMax Software License)	3,686.00
00107-000114	31STKCOMPACTPK-4FT	4 Foot Compact Package (includes 1 Year IrriMax Software License)	3,950.00

SOIL MOISTURE PROBES

NEW



TOOLS, SPARE PARTS AND ACCESSORIES

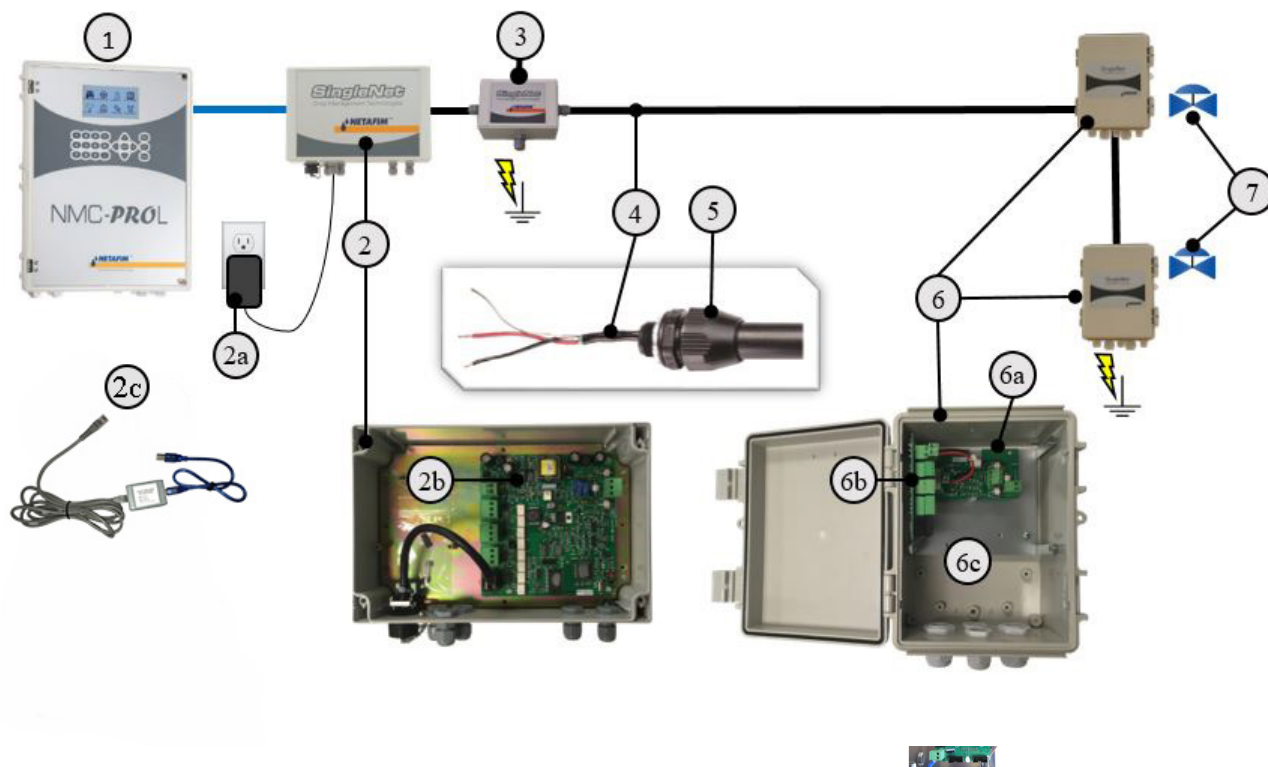
Key	Item Number	Model Number	Description	Price Each
1	00107-000110	31STKCABLESDI12	Sentek SDI-12 Cable Only	73.00
2	00107-000124	31STKTRIPOD	TriPod for Installation Augers	798.00
3	00107-000115	31STKEXTRACTTOOL	Extraction Tool	935.00
4	00107-000106	31STKBATTERY	Probe Replacement Battery	160.00
5	00107-000111	31STKCMPCCTELONLY	Compact (All-in-One) Telemetry Unit Only	870.00
6		31STKAUGER-1FT	Auger - 1' depth	640.00
7	00107-000103	31STKAUGER-2FT	Auger - 2' depth	653.00
8	00107-000104	31STKAUGER-3FT	Auger - 3' depth	841.00
9	00107-000105	31STKAUGER-4FT	Auger - 4' depth	870.00
10	00107-000100	31STKANTENNA4MIP68	Antenna Cable, 13.1ft (4m) IP68	102.00
11	00107-000101	31STKANTENNABASE	Antenna with Base, 7dB	98.00
12	00107-000123	31STKPROGRAMCABLE	Programming Cable, Drill & Drop USB	233.00
13	-	31STKIRRIMAX12MO	IrriMAX Live, 12-month Probe Subscription	203.00
4, 13	00107-000122	31STKRENEWALPKG	Renewal Package (Battery, Data, Software)	537.00
15	00107-000126	31STKPCABLESDI12	Sentek Programming Cable, SDI-12	233.00
2, 6, 3	00107-000127	31STKDDINSTALLKIT	Sentek DD Installer Kit (Plastic Tripod, Augers. & Extraction Tool)	3,600.00

SINGLENET

COMPATIBLE
WITH NETBEAT

SINGLENET

Key	Item Number	Model Number	Description	Price Each
1	-	-	Requires NMC Pro/DC Controller, including RTU license key and RS232 or RS485 communication card	-
2	00035-001760	31SCSCWOPW	SingleNet Host, for use with NMC Pro/DC controller, requires 12VDC 2A power supply	3,005.00
2a	77100-050320	31DCPOWER12V2A	SingleNet Host Power Supply, 115VAC to 12VDC 2A, Wall Plug, Screw Terminal, No Wire	76.00
2b	00035-008350	31SCRS	SingleNet Host card, for use with NMC Pro/DC controller, requires enclosure and 12VDC 2A power supply	2,665.00
2c	00035-014780	31POLENETCABLE	PoleNet USB RJ45 Programming Cable	175.00
3	00107-008300	31SCLPM	SingleNet Host Lightning Suppression Module	1,218.00
4	00107-007980	31SC0016C-1000	SingleNet RTU Cable, 1000' spool, ½" PE Conduit	2,626.00
	00107-007990	31SC0016C-2500	SingleNet RTU Cable, 2500' spool, ½" PE Conduit	6,559.00
5	00107-007960	31SC0016CLTC	SingleNet RTU Cable Liquid Tight Connector	21.00
6	74340-014900	31SCRTU2	SingleNet RTU, 2 DC latching outputs, 2 digital inputs	979.00
	74340-015000	31SCRTU4	SingleNet RTU, 4 DC latching outputs, 4 digital inputs	1,406.00
	74340-015400	31SCRTU2PL	SingleNet RTU with Lightning Protection, 2 DC latching outputs, 2 digital inputs	1,295.00
	74340-015500	31SCRTU4PL	SingleNet RTU with Lightning Protection, 4 DC latching outputs, 2 digital inputs	1,649.00
6a	00035-008150	31SRTU2LAT2D	SingleNet RTU card, 2 DC latching outputs, 2 digital inputs, requires enclosure	694.00
6b	00035-008200	31SCRTULP	SingleNet RTU Lightning Protection card, no enclosure	352.00
6c	74340-016000	31SCEMPTYBOX	SingleNet RTU box, metal backplate, empty	181.00
	35500-003260	31SCRTUBRKT1	SingleNet RTU bracket (not pictured)	46.00
7	-	-	DC latching outputs, see page 19	-

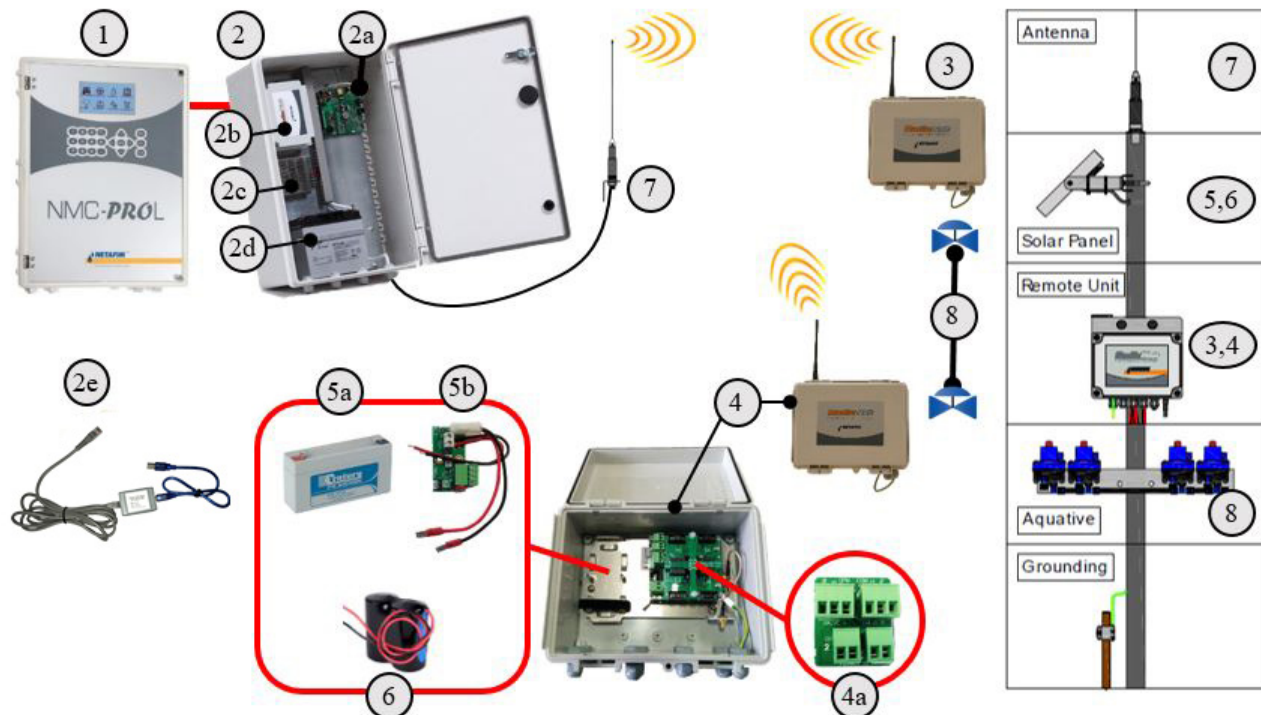


**COMPATIBLE
WITH NETBEAT**

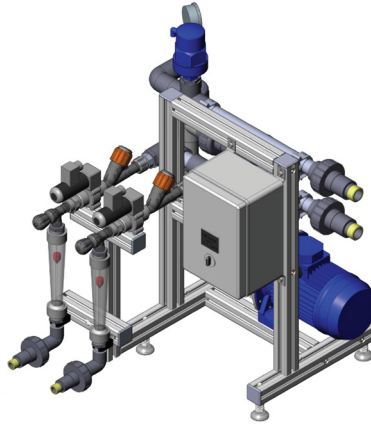
RADIONET

RADIONET

Key	Item Number	Model Number	Description	Price Each
1	-	-	Requires NMC Pro/DC Controller, including RTU license key and RS232 or RS485 communication card	-
2	74360-007600	31RNHBKIT	RadioNet Host Kit, for use with NMC Pro/DC controller, includes host base, battery, battery charger, antenna with 33' cable, PoleNet programming cable, screwdriver, mounting hardware	8,567.00
2a	74330-012000	31RNHOST	RadioNet Host, for use with NMC Pro/DC controllers	3,361.00
2b	74330-012100	31RNBASE	RadioNet Base Radio, 450 to 470 MHz, 100mW	1,999.00
2c	74330-003010	31RN3BATCHARGER	RadioNet Host Battery Charger, 110VAC to 12VDC	223.00
2d	00107-008101	31RNBATT12VDC	Rechargeable Battery, 12VDC 24AH SLA	342.00
2e	00035-014780	31POLENETCABLE	PoleNet USB RJ45 Programming Cable	175.00
3	74330-012195	31RNRTU2X2	RadioNet 2x2 RTU, 2 latching outputs, 2 digital inputs, not expandable, cannot act as a repeater	945.00
4	74330-012200	31RNRTU	RadioNet Expandable RTU, 1 latching output, 2 digital inputs, 4 expansion slots, expandable to 9 latching outputs and 10 digital inputs, limit 4 per expandable RTU	1,448.00
4a	74330-013140	31RNEXPCARD	RadioNet RTU Expansions Card, 2 latching outputs, 2 digital inputs, limit 4 per expandable RTU	162.00
4b	74330-012230	31RNDCP	R-Net DCP RTU 1XAI 3XDI Exclude Cap Card	1,290.00
4c	74370-003300	31RNDCAIEXP	R-Net DCP Expansion Card 2 X AI	358.00
4d	00035-013150	31RNSERIALEXPCARD	R-Net SERIAL EXP CARD RS232/485/SDI12	199.00
4e	74330-012250	31RNDFMEXPCARD	NetaCap Probe I/F Kit Cable and 3.5v reg	130.00
4f	74330-012240	31RNRTUCAP	R-Net DCP Capacitor Card	317.00
5	74330-005760	31RNSOLARPAN3W	RadioNet Solar Panel Kit, 9v 3w, includes solar panel, mounting bracket, charging regulator, requires rechargeable battery	351.00
5a	74330-003025	31RNRECHARBATT6V	RadioNet RTU Rechargeable Battery, 6VDC SLA, requires solar panel kit	89.00
5b	74330-002960	31RNSOLCHGREG	RadioNet solar panel charging regulator	165.00
6	74330-010200	31RTULITHBATT	RadioNet RTU Lithium Metal Battery pack, 7.2VDC 8.5 AH, non-rechargeable	119.00
7	74330-005020	31RNANTG10FT	Antenna with 10' cable	241.00
	74330-005060	31RNANG19FT	Antenna with 19' cable	283.00
	74330-005120	31RNANTG33FT	Antenna with 33' cable	321.00
8	-	-	DC latching outputs, see page 19	-



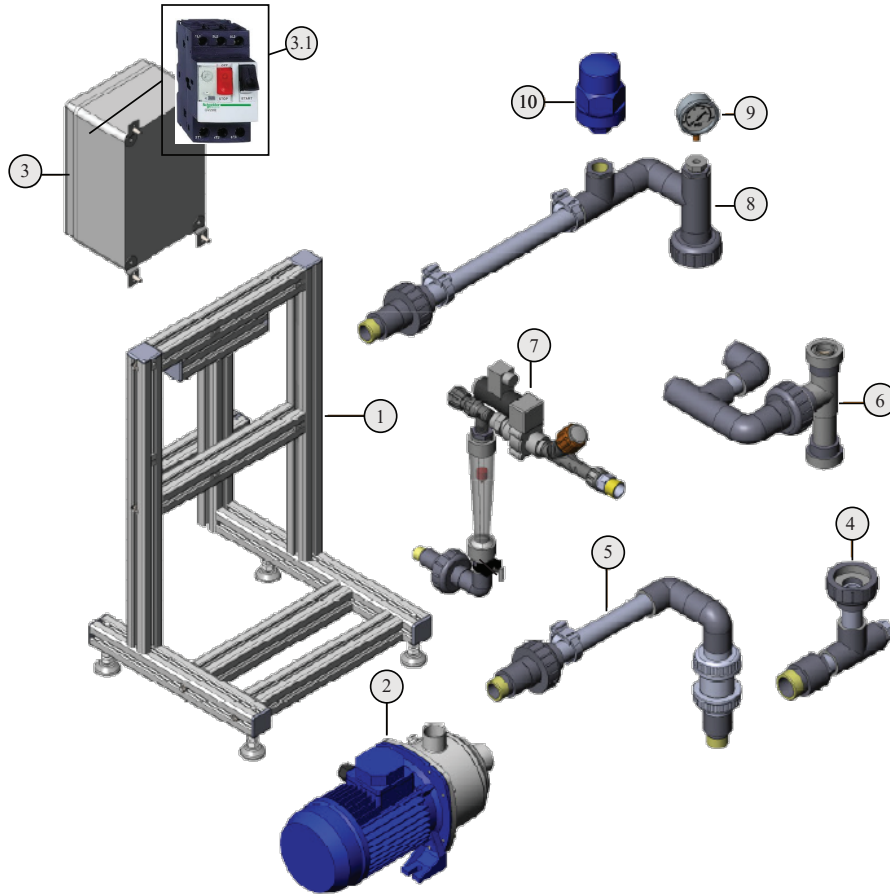
FERTIONE PLUS



FERTIONE PLUS

Item Number	Model Number	Description	Price Each
33250-000600	31FTO+50PSI	FertiOne Plus Low Pressure: suitable for mainlines with operating pressure between 29 and 58 psi; includes 2 fertilizer/diluted acid channels at 158 GPH, 440VAC three phase booster pump (MTX5-2 60Hz 0.95 kW 1.28 HP) electrical control box with manual starter, Manual-Off-Auto selector switch, SCH 80 NPT PVC fittings	5,007.00
33250-000601	31FTO+80PSI	FertiOne Plus High Pressure: suitable for mainlines with operating pressure between 58 and 87 psi; includes 2 fertilizer/diluted acid channels at 158 GPH, 440VAC three phase booster pump (MTX5-3 60Hz 1.35 kW 1.81 HP) electrical control box with manual starter, Manual-Off-Auto selector switch, SCH 80 NPT PVC fittings	5,082.00
33250-000603	31FTO+50PSI1PH	FertiOne Plus Low Pressure Single Phase: suitable for mainlines with operating pressure between 29 and 58 psi; includes 2 fertilizer/diluted acid channels at 158 GPH, 220VAC single phase booster pump (MTX5-2 60Hz 0.9 kW 1.2 HP), electrical control box with manual starter, contactor, Manual-Off-Auto selector switch, SCH 80 NPT PVC fittings	4,975.00
33250-000602	31FTO+80PSI1PH	FertiOne Plus High Pressure Single Phase: suitable for mainlines with operating pressure between 58 and 87 psi; includes 2 fertilizer/diluted acid channels at 158 GPH, 220VAC single phase booster pump (MTX5-3 60Hz 1.3 kW 1.8 HP), electrical control box with manual starter, contactor, Manual-Off-Auto selector switch, SCH 80 NPT PVC fittings	5,082.00

FERTIONE PLUS



FERTIONE PLUS SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	45000-040720	-	FTOUS Aluminum Frame	396.00
2	77800-025525	31FTO+PUMPMXT5-2	Pump MTX 5-2T6 3x220/440 60 Hz	852.00
	77800-025515	31FTO+PUMPMXT5-3	Pump MTX 5-3T6 3x220/440 60 Hz	979.00
	77800-025520	31FKPUMPE52T6	Pump MTX 5-2T6/0.9M 1x220 6.3A 60 Hz	939.00
	77800-023250	31FKPUMPE53T6	Pump MTX 5-3T6/1.3M 1x220 7.7A 60 Hz	1,126.00
3	77210-003350	-	FTOUS Switchbox MTX 5-2T6 3X440V 60 Hz	Call
	77210-003360	-	FTOUS Switchbox MTX 5-3T6 3X440V 60 Hz	Call
	77210-003370	-	FTOUS Switchbox MTX 1X220V 6.3-10A 0.9-1.3KW	Call
3.1	77120-003350	-	Overload 1.6-2.5 A for FertiOne, GV2ME01, MTX 5-2 3x440 2.2A	127.00
	77120-003360	-	Overload 2.5-4 A for FertiOne, GV2ME08, MTX 5-2 3x440 2.9A	127.00
	77100-011935	-	Overload 4-6.3 A for FertiOne, GV2ME10, MTX 5-2 3x220 4A, MTX 5-3 3x220 5.3A	127.00
4	33241-000699	-	FTOUS Inlet to Dosing Booster Set	395.00
5	33241-000704	-	FTOUS Dosing Booster Outlet	161.00
6	33241-000698	-	FTOUS Suction Manifold Set	826.00
7	33241-000705	-	FTOUS Assembled Dosing Channel 160 GPH SCH80	710.00
8	33241-000697	-	FTOUS Inlet to Venturi Set	477.00
9	77540-003400	-	Pressure Gauge 250 GLZ 145 psi 1/4" BSP	22.00
10	70561-003695	65ARIS075-PP	Air Valve 3/4" DG-010 NPT	167.00

FERTIKIT



FERTIKIT 3GP SP NPT

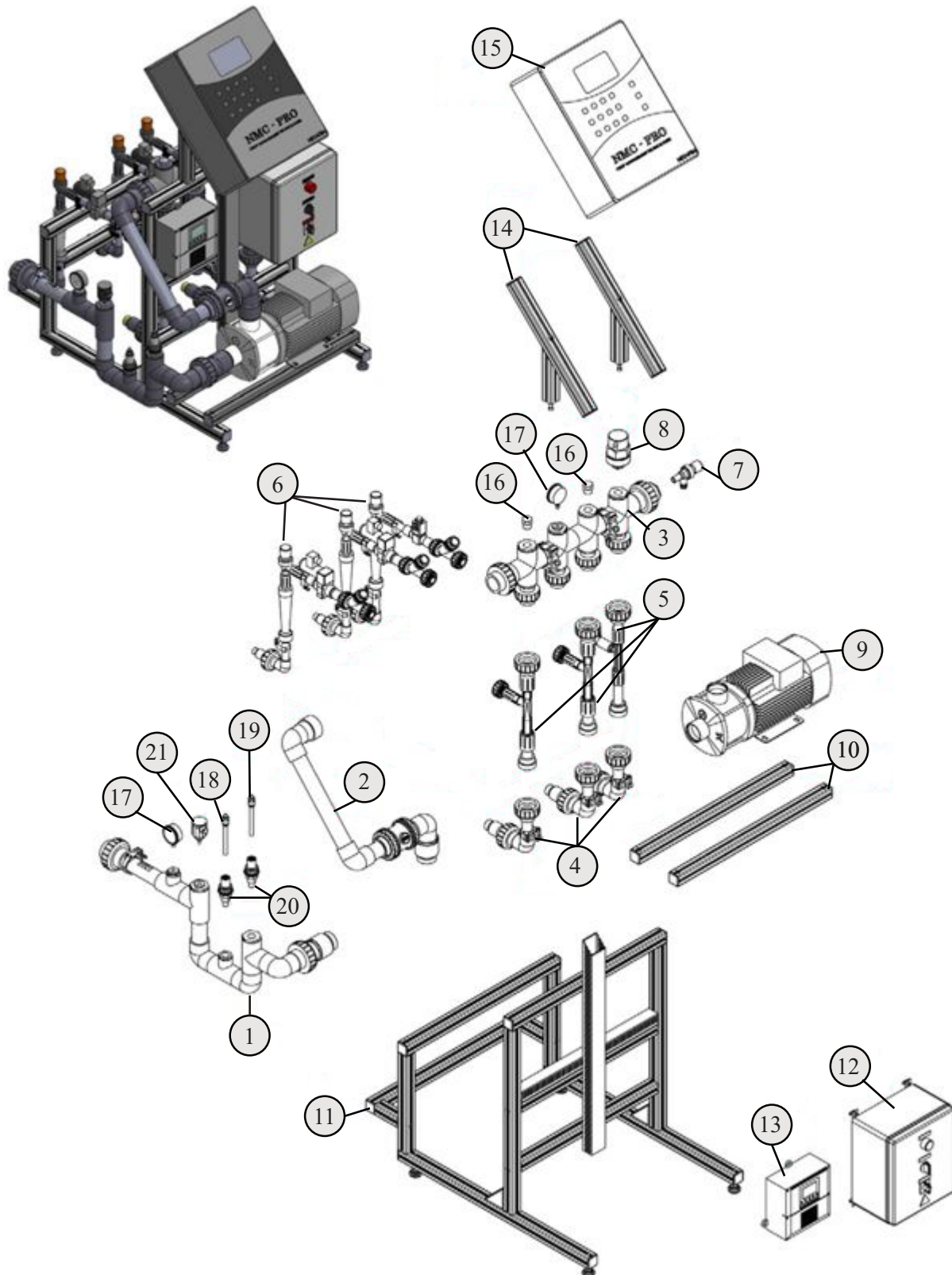
Item Number	Model Number	Description	Price Each
33200-049000	31FKS2F351ACPNPTAR	FertiKit 3G SP NPT Low Flow: includes 4 dosing channel slots, 2 Fertilizer Dosing Channels at 35 GPH, 1 Acid Dosing Channel at 13 GPH, and 1 expandable dosing channel slot (for a 13 or 35 GPH dosing channel), 220VAC single phase booster pump (MTX5-3 60Hz), electrical control box with disconnect, pump breaker, and Hand-Off-Auto selector switch, SCH 80 NPT PVC fittings EC/pH Monitoring Kit: includes 4G Monitor (24VAC, wall mount), 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions NMC Pro Irrigation Controller: 115VAC power supply, 80VA 24VAC transformer, includes 16 24VAC outputs (5 used by FertiKit, 11 free), 8 digital inputs (1 used by FertiKit, 7 free), 11 analog inputs (2 used by EC/pH Monitoring Kit, 9 free), data plug backup key, 6 expansion slots, double door enclosure NMC Air Kit: for a single NMC Pro/DC controller, includes NMC Air gateway, 115/220VAC power supply, NMC Pro/DC RS485 communication card (installed), 2-year license, enclosure. NMC Air requires Internet service via RJ45 Ethernet or optional cellular modem model number 00107-004962	20,780.00
33200-050030	31FKS2F901ACPNPTAR	FertiKit 3G SP NPT High Flow: includes 4 dosing channel slots, 2 Fertilizer Dosing Channels at 90 GPH, 1 Acid Dosing Channel at 13 GPH, and 1 expandable dosing channel slot (for a 13, 35, or 90 GPH dosing channel), 440VAC three phase booster pump (CM15-2), electrical control box with disconnect, pump breaker, and Hand-Off-Auto selector switch, SCH 80 NPT PVC fittings EC/pH Monitoring Kit: includes 4G Monitor (24VAC, wall mount), 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions NMC Pro Irrigation Controller: 115VAC power supply, 80VA 24VAC transformer, includes 16 24VAC outputs (5 used by FertiKit, 11 free), 8 digital inputs (1 used by FertiKit, 7 free), 11 analog inputs (2 used by EC/pH Monitoring Kit, 9 free), data plug backup key, 6 expansion slots, double door enclosure NMC Air Kit: for a single NMC Pro/DC controller, includes NMC Air gateway, 115/220VAC power supply, NMC Pro/DC RS485 communication card (installed), 2-year license, enclosure. NMC Air requires Internet service via RJ45 Ethernet or optional cellular modem model number 00107-004962	22,474.00

FERTIKIT 3G SP NPT EXPANSION OPTIONS

Item Number	Model Number	Description	Price Each
33241-009210	31FKNPT13GPHCHN	FertiKit 3G SP NPT Acid Dosing Channel 13 GPH, complete, Baccara Solenoid, SCH80	1,158.00
33241-009200	31FKNPT35GPHCHN	FertiKit 3G SP NPT Fertilizer Dosing Channel 35 GPH, complete, FIP S12 Solenoid, SCH80	1,160.00
33241-009220	31FKNPT90GPHCHN	FertiKit 3G SP NPT Fertilizer Dosing Channel 90 GPH, complete, FIP S12 Solenoid, SCH80	1,302.00

FERTIKIT

FERTIKIT 3G SP NPT



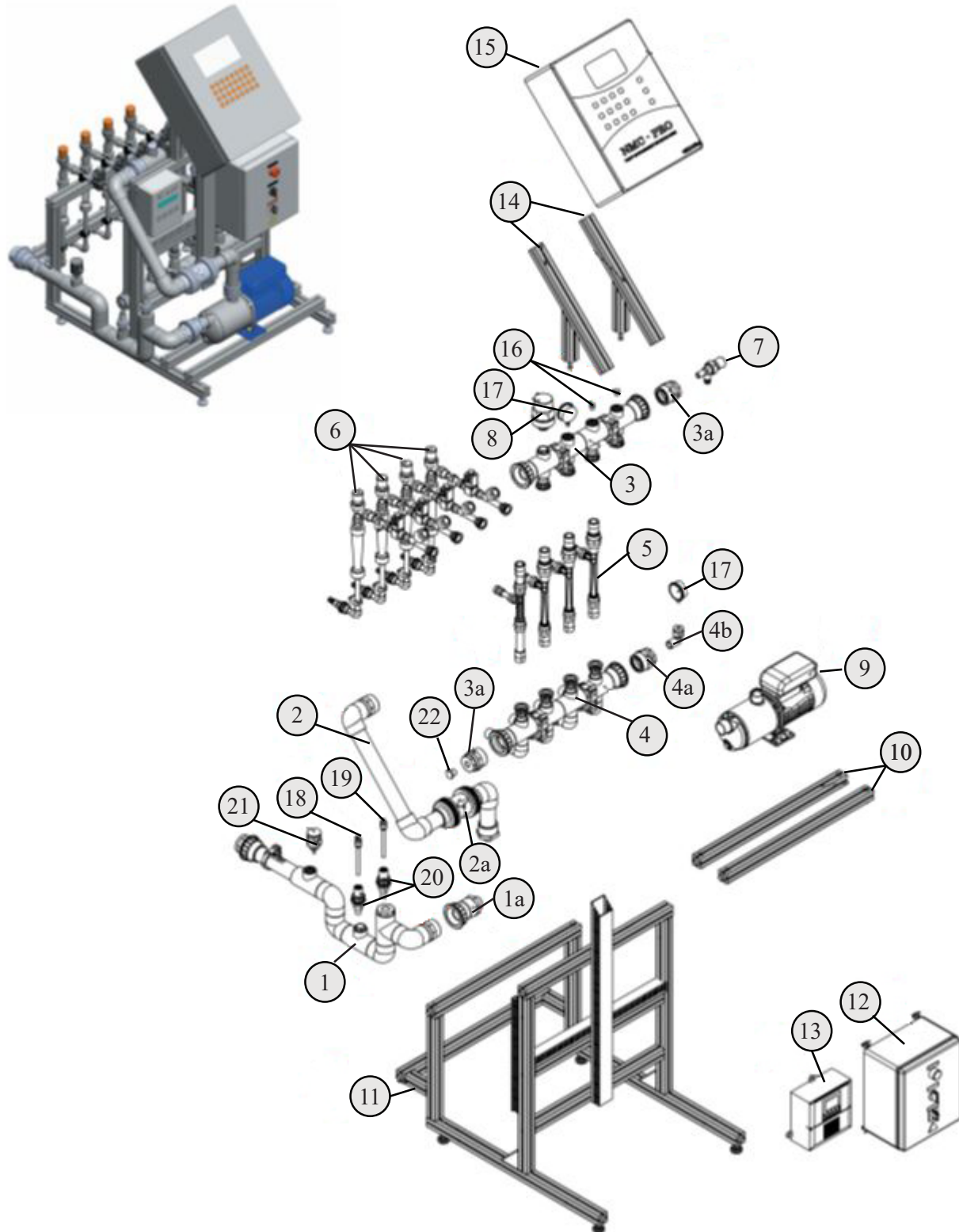
FERTIKIT

FERTIKIT 3G SP NPT SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	33241-009040	31FKNPTINMTX53	FertiKit 3G SP NPT Inlet to MTX5-3 60Hz pump, SCH80	367.00
	33241-009030	31FKNPTINCM152	FertiKit 3G SP NPT Inlet to CM15-2 60Hz pump, SCH80	381.00
2	33241-009060	31FKNPTOUTMTX53	FertiKit 3G SP NPT Outlet from MTX5-3 60Hz pump, SCH80	338.00
	33241-009050	31FKNPTOUTCM152	FertiKit 3G SP NPT Outlet from CM15-2 60Hz pump, SCH80	367.00
3	33241-009080	31FKNPTUPPERMAN	FertiKit 3G SP NPT Upper manifold, SCH80	674.00
4	33241-009070	31FKNPTVENTOUT	FertiKit 3G SP NPT Venturi outlet, 1" MIPT SCH80	152.00
5	33241-009110	31FK3SNPTVENT13GPH	FertiKit 3G SP NPT Venturi, PVDF (Viton), 13 GPH, SCH80	245.00
	33241-009100	31FK3SNPTVENT40GPH	FertiKit 3G SP NPT Venturi, polypropylene, 40 GPH, SCH80	171.00
	33241-009090	31FK3SNPTVENT90GPH	FertiKit 3G SP NPT Venturi, polypropylene, 90 GPH, SCH80	242.00
6	33241-009210	31FKNPT13GPHCHN	FertiKit 3G SP NPT Acid dosing channel 13 GPH, complete, Baccara solenoid, SCH80	1,158.00
6	33241-009200	31FKNPT35GPHCHN	FertiKit 3G SP NPT Fertilizer dosing channel 35 GPH, complete, FIP S12 solenoid, SCH80	1,160.00
		31FK3SNPTVERT40GPH	FertiKit 3G SP NPT Fertilizer dosing channel, vertical part, 4-40 GPH, SCH80	254.00
		31FK3SNPTHZNFS12	FertiKit 3G SP NPT Fertilizer dosing channel, horizontal part, FIP S12 solenoid, SCH80	445.00
6	33241-009220	31FKNPT90GPHCHN	FertiKit 3G SP NPT Fertilizer dosing channel, complete, FIP S12 solenoid, SCH80	1,302.00
		31FK3SNPTVERT90GPH	FertiKit 3G SP NPT Fertilizer dosing channel, vertical part, 10-90 GPH, SCH80	250.00
		31FK3SNPTHZNFS12	FertiKit 3G SP NPT Fertilizer dosing channel, horizontal part, FIP S12 solenoid, SCH80	445.00
7	76400-011375	31FKNDLEVLVORNG	FertiKit 3G SP NPT Sampling valve	61.00
8	70561-003695	65ARIS075-PP	Continuous air vent, ¾" MIPT (DG-010)	167.00
9	77800-023250	31FKPUMPE53T6	MTX5-3 60Hz 220VAC 7.7A Single phase pump, 1.3kW	1,126.00
	77800-002996	31FKPUMPCM15-2	CM15-2 60Hz 220VAC 14.8A / 440VAC 7.2A Three phase pump, 4kW	2,642.00
10	45000-008759	31FK3ALMFRMPUMP	Aluminum frame set for pump	172.00
11	-	-	Aluminum frame (not available as a spare part)	-
12	33220-001300	31FKNPTSWBDMTRX	Pump switchboard for MTX5-3	1,796.00
	77100-013640	31FKLUCBC12B	Pump switchboard contactor for MTX5-3	390.00
	33220-001450	31FKNPTSWBDCM15	Pump switchboard for CM15-2	1,675.00
	77100-013620	31FKLUCBC18B	Pump switchboard contactor for CM15-2	353.00
13	74340-003580	31ECPH4G24ACWL	EC/pH 4G Monitor, 24vAC, Wall Mount, requires EC and pH sensor	927.00
14	45000-008757	31FK3ALMFRMNMCPRO	Aluminum frame set for NMC Pro controller	369.00
15	-	-	NMC Pro controller	-
16	77400-027100	31PLUG.75	Plug, ¾" MIPT SCH80	5.90
17	77540-003400	31FKPRESGAUGE145P	Pressure gauge, 145 psi (10 bar), ¾" BSP male	22.00
18	45000-006692	31PHSENS4GBNC	pH sensor, JUMO 12mm, glass, BNC connector	328.00
19	45000-006705	31ECSSENSABB4G	EC & temperature sensor, JUMO 12mm, bare wire	607.00
20	33140-008500	31SNSUNION	EC/pH sensor union set, ¾" MIPT	90.00
21	77800-002180	31FKPRESSWITCH	Pressure switch, 14 to 45 psi (1 to 3 bar), ¾" BSP male	219.00
	77800-000019	31FKEMTXSEALKIT	Ebara Matrix 5 Seal Kit	104.00
	77800-025566	31FKEMTXSCREWKIT	Ebara Matrix 5 Drain Tank Screw Kit	32.00

FERTIKIT

FERTIKIT 3G SP METRIC



FERTIKIT

FERTIKIT 3G SP METRIC SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	33240-025000	-	FertiKit 3G SP Inlet	219.00
1a	33240-005670	31FKPUMPEOUTKIT	Pump inlet & outlet for MTX5-3	139.00
	33240-002666	31FK3BPADP2	Pump inlet for CM15-2	69.00
2	33240-005670	31FKPUMPEOUTKIT	Pump inlet & outlet for MTX5-3	139.00
	33240-005650	31FK3BPACM15-2OUT	Pump outlet for CM15-2	111.00
2a	77300-025045	31FK3CHCKVLV50	FertiKit 3G check valve, 50mm	94.00
3	33240-002100	31FKIT3GMANIF	FertiKit 3G SP Upper manifold	361.00
3a	33240-002251	31FK3PVCRED50-05	Reducer, DN50 x 1/2"	47.00
4	33220-002110	31FK3GSLOWERMANIF	FertiKit 3G SP Lower manifold (with separation discs)	435.00
4a	33240-002252	31FK3PVCRED50-75	Reducer, DN50 x 3/4"	47.00
4b	33240-004100	31FK3ELBOW	Elbow for gauge	28.00
5	33240-003200	31FK3SVENT13GPH	Venturi for Concentrated Acid, 13 GPH	266.00
	33240-002300	31FK3SVENT35GPH	Venturi for Fertilizer, 35 GPH	124.00
	33240-002330	31FK3SVENT65GPH	Venturi for Fertilizer, 65 GPH	305.00
6	33230-002000	31FK3GDCH13GPHAB	FertiKit 3G Acid Channel 13 GPH Complete (Baccara Solenoid)	952.00
	33230-001550	31FK3GDCH40GPHF	FertiKit 3G Dosing Channel 35 GPH Complete (FIP S12 Solenoid)	994.00
	33230-001670	31FK3GDCH95GPHF	FertiKit 3G Dosing Channel 95 GPH Complete (FIP S12 Solenoid)	1,114.00
	33240-006010	31FK3GDCH95GPHVNCV	NFXSP- Dosing Channel 400L No Check Valve	724.00
6a	33230-004150	31BURKETKITMTRC	FertiKit 3G SP Acid dosing channel, horizontal part, Burkert solenoid, metric	1,755.00
7	76400-011375	31FKNDLEVLVORNG	FertiKit 3G SP NPT Sampling valve	61.00
8	70561-003695	65ARIS075-PP	Continuous air vent, 3/4" MIPT (DG-010)	167.00
9	77800-023250	31FKPUMPE53T6	MTX5-3 60Hz 220VAC 7.7A Single phase pump, 1.3kW	1,126.00
	77800-002996	31FKPUMPCM15-2	CM15-2 60Hz 220VAC 14.8A / 440VAC 7.2A Three phase pump, 4kW	2,642.00
10	45000-008759	31FK3ALMFRMPUMP	Aluminum frame set for pump	172.00
11	-	-	Aluminum frame (not available as a spare part)	-
12	33220-001300	31FKNPTSWBDMTRX	Pump switchboard for MTX5-3	1,796.00
	77100-013640	31FKLUCBC12B	Pump switchboard contactor for MTX5-3	390.00
	33220-001450	31FKNPTSWBDCM15	Pump switchboard for CM15-2	1,675.00
	77100-013620	31FKLUCBC18B	Pump switchboard contactor for CM15-2	353.00
13	74340-003580	31ECPH4G24ACWL	EC/pH 4G Monitor, 24vAC, Wall Mount, requires EC and pH sensor	927.00
14	45000-008757	31FK3ALMFRMNMCPRO	Aluminum frame set for NMC Pro controller	369.00
	45000-008758	31FK3ALMFRMNMJCJR	Aluminum frame set for NMC Jr Pro controller	369.00
15	-	-	NMC Pro controller (see page 7)	-
16	77300-016010	31PLUGDN16	Plug, DN16 (1/2") BSP	5.90
17	00110-001810	6809020-160	Pressure gauge, 1/4" MIPT, 0-160 psi	91.00
18	45000-006701	31PHSENSABB	pH sensor, JUMO 12mm, glass, bare wire	434.00
19	45000-006705	31ECSSENSABB4G	EC & temperature sensor, JUMO 12mm, bare wire	607.00
20	33120-008500	31SNSUNION	EC/pH sensor union set, 3/4" BSP	90.00
21	77800-002180	31FKPRESSWITCH	Pressure switch, 14 to 45 psi (1 to 3 bar), 1/4" BSP male	219.00
22	77400-027100	31PLUGDN8	Plug, DN8 (1/4") BSP	5.90

NETAFLEX 3G

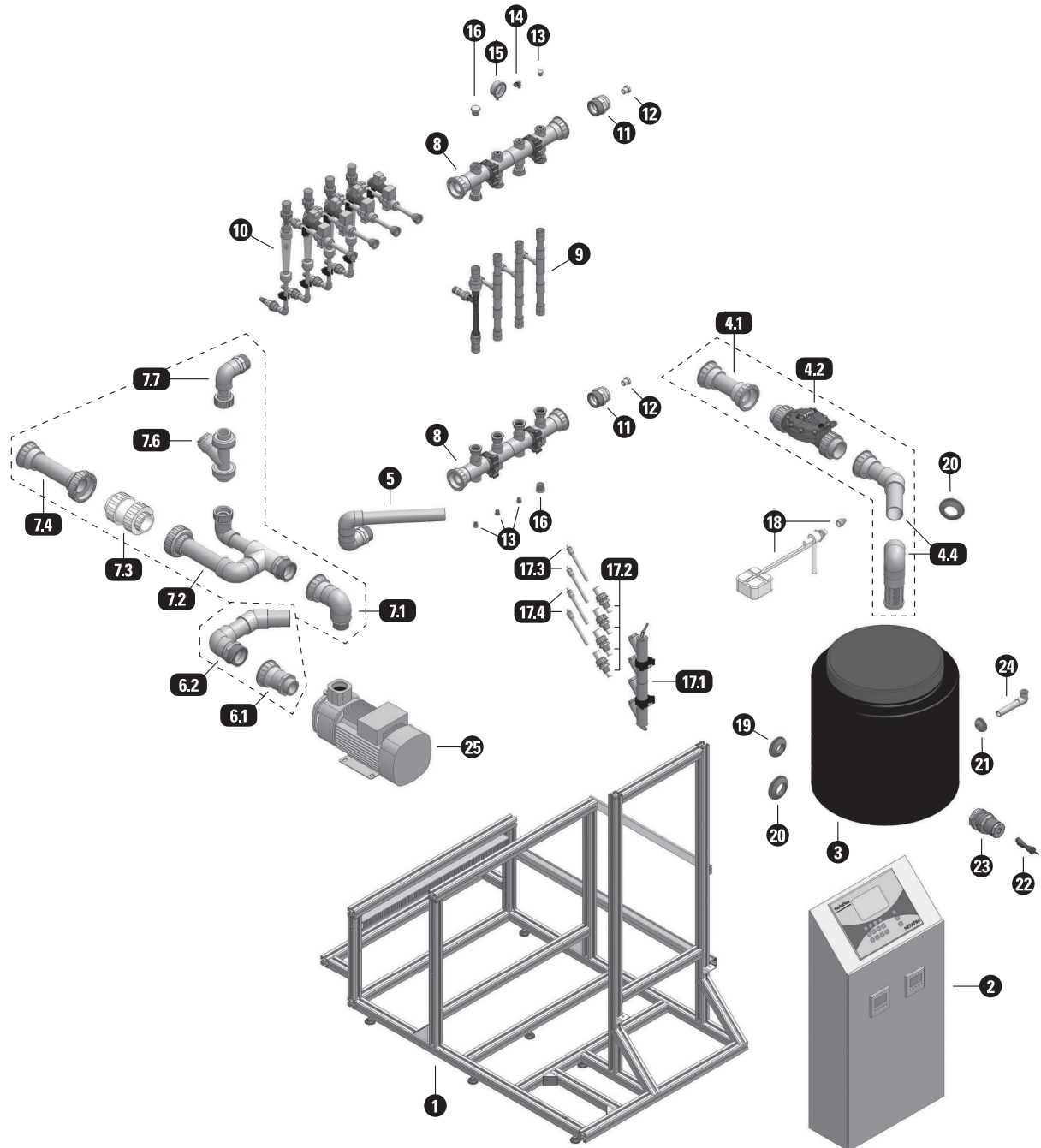


NETAFLEX 3G

Item Number	Model Number	Description	Price Each
33400-006003	31NF6F150CM15-2	NetaFlex 3G: High Flow (up to 80 GPM): includes 6 fertilizer dosing channels at 150 l/h (35 GPH), can be used for diluted acid (see manual for limitations), 220VAC three phase booster pump (CM15-2), electrical control box with disconnect, pump breaker, and Hand-Off-Auto selector switch, metal enclosure EC/pH Monitoring Kit: includes 4G Monitor (24VAC, panel mount), 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions NMC Pro Irrigation Controller: 115VAC power supply, 250VA 24VAC transformer, includes 16 24VAC outputs (7 used by NetaFlex, 9 free), 8 digital inputs (1 used by NetaFlex, 7 free), 11 analog inputs (2 used by EC/pH Monitoring Kit, 9 free), data plug backup key, 6 expansion slots	27,626.00
33400-005900	31NF6F50CM10-2	NetaFlex 3G: Low Flow (up to 50 GPM): includes 6 fertilizer dosing channels at 50 l/h (13 GPH), can be used for diluted acid (see manual for limitations), 220VAC three phase booster pump (CM10-2), electrical control box with disconnect, pump breaker, and Hand-Off-Auto selector switch, metal enclosure EC/pH Monitoring Kit: includes 4G Monitor (24VAC, panel mount), 1 EC sensor, 1 pH sensor, calibration fluid packets (5 each of pH 7.0, pH 4.0, EC 1.41), PVC unions NMC Pro Irrigation Controller: 115VAC power supply, 250VA 24VAC transformer, includes 16 24VAC outputs (7 used by NetaFlex, 9 free), 8 digital inputs (1 used by NetaFlex, 7 free), 11 analog inputs (2 used by EC/pH Monitoring Kit, 9 free), data plug backup key, 6 expansion slots	26,838.00

NETAFLEX 3G

NETAFLEX 3G PARTS



NETAFLEX 3G

NETAFLEX 3G SPARE PARTS

Key	Item Number	Model Number	Description	Price Each
1	-	-	Frame for NetaFlex 3G (not available as a spare part)	-
2	77100-013620	31FKLUCBC18B	Contractor for CM10-2 & 15-2 pump	353.00
3	77600-001986	31NFTANK200L	Water tank 200L-Blue 55cm diam. 114cm-high	Call
4	33240-006878	31NFINLET	NetaFlex Inlet Kit	550.00
4.1	33240-006660	31NFINLET2VLV	System Inlet (part of kit)	116.00
4.2	71600-035968	3161FL323PLNOFLOAT	Float valve (part of kit)	347.00
4.4	33240-006310	31NFINLETVLV2TANK	Diffuser kit (part of kit)	181.00
5	33240-006400	31NFMANTANKINLET	Lower manifold to tank adaptor	Call
6	33240-006881	31NFPUMPINCM10-2	Tank to Pump Inlet Kit for Grundfos CM10-2	Call
	33240-006879	31NFPUMPINCM15-2	Tank to Pump Inlet Kit for Grundfos CM15-2	Call
6.1	33240-006880	31NFPUMPOUTCM10-2	Pump Outlet for Grundfos CM10-2	Call
	33240-006877	31NFPUMPOUTCM15-2	Pump Outlet for Grundfos CM15-2	Call
7.3	77400-032600	31NFOUTLETCHKVLV	Check valve (part of kit)	155.00
7.6	77540-007100	31NFSCREENFILTER	Screen Filter 100 Mesh	166.00
7.6a	77540-007110	31NFSCRELEMENTPVCU	Screen Filter Element 100 Mesh	24.00
7.6a	77540-007120	31SCRELEMENTSS	Screen Filter Element 240 Mesh	24.00
8	33240-002100	31FKIT3GMANIF	Upper / lower manifold	361.00
9	33240-003200	31FK3SVENT13GPH	Venturi PVDF-M50 (13 GPH)	266.00
	33240-003250	31FK3SVENT13GPHD	Venturi PVDF-M50 (13 GPH) Dual	276.00
	33240-002370	31FK3SVENT150GPH	Venturi PVC-N600 (158 GPH)	150.00
	33240-002375	31FK3SVENT150GPHD	Venturi PVC-N600 (158 GPH) Dual	161.00
10	33230-001950	31FK3GDCH15GPHV	FSA-CH-050L/H-S12-VITON-PVDF50	1,196.00
	33230-001570	31FK3GDCH35GPHV	FSA-CH-150L/H-S12-VITON-PP150	1,058.00
	33230-001680	31FK3GDCH95GPHV	FSA-CH-400L/H-S12-VITON-PP370	918.00
11	33240-002251	31FK3PVCRED50-05	Reducer 50mm - 1/2"	47.00
12	77300-016010	-	PVC threaded plug 1/2" - male	Call
13	77300-016000	-	Plug 1/4"	Call
14	76400-003503	55P4694804-B	Plastic Male 90° Elbow 8mm x 1/4" (10/bag)	52.60
15	00110-001810	6809020-160	Pressure Gauge 0-160 psi, 1/4"	91.00
16	77400-027100	-	PVC threaded plug 3/4" - male	Call
17.1	33240-003050	31ECPHMANIFOLD	EC/pH manifold (single EC & pH)	178.00
17.2	33120-008500	31SNSUNION	Union adapter set for EC/pH sensor	90.00
17.3	45000-006705	31ECSSENSABB4G	EC+temp sensor jumo 12MM	607.00
17.4	45000-006692	31PHSENS4GBNC	PH sensor jumo 12mm glass w/bnc connect	328.00
18	75080-002900	31WLFLOAT.5	Water level float 1/2"	40.00
19	77600-014000	31NFTANKSEALFERT	Penetration seal for lower manifold to tank adaptor	26.00
20	77600-006550	31NFTANKSEALINOUT	Penetration seal for Tank Inlet/Outlet	26.00
21	77600-006510	31NFOVERFLOWSEAL	Penetration seal for Overflow assembly	26.00
22	77100-007930	31NFFLOWSWITCH	Low level switch	81.00
23	33240-006220	31NFFLOWSWITCHCASE	Low level switch casing	155.00
24	33240-006450	31NFOVERFLOW	Overflow assembly	Call
25	77800-027315	31FKPUMPCR45-1	Grundfos CR45-1 Pump, Three Phase 60Hz	8,994.00
25	77800-003019	31FKPUMPCM10-2	Grundfos CM10-2 Pump, Three Phase 60Hz	1,831.00
25	77800-002996	31FKPUMPCM15-2	Grundfos CM15-2 Pump, Three Phase 60Hz	2,642.00

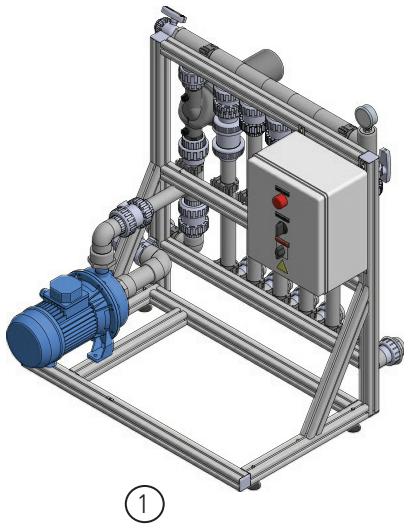
NUF RUNOFF RECYCLING



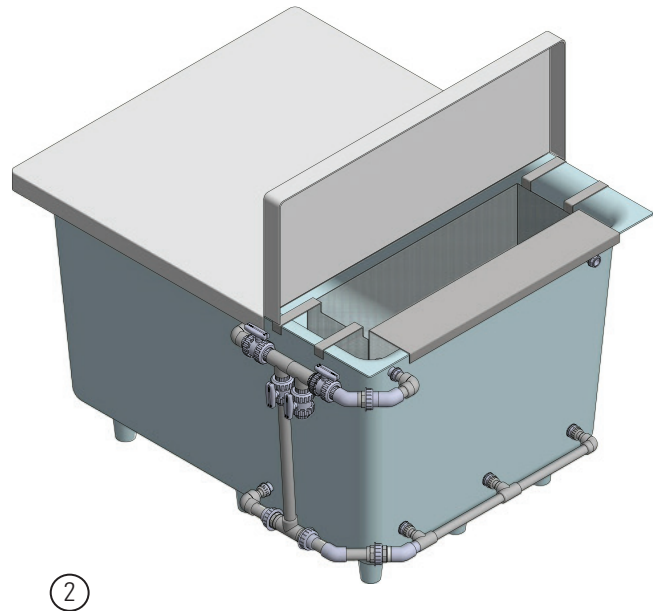
NUF® RUNOFF RECYCLING SYSTEM

Item Number	Model Number	Description	Price Each
70180-000100	31NUF8GPMUS	NUF 8 GPM US	42,024.00
70180-000101	31NUF20GPMUS	NUF 20 GPM US	72,100.00
72300-001410	31VDE63MM2INKIT	TRANS. KIT FOR MIX. VLV. 63 TO 2" GLUE	103.00
72300-001250	31VDEVK21-63	MIXING VALVE VDE VK21-63 24V90SEC 90DEG	4,504.00

NUTRISOLVE



VALVE BRIDGE



DISSOLVING TANK

NUTRISOLVE

Key	Item Number	Model Number	Description	Price Each
1	33800-000001	-	Nutrisolve Valve Bridge 60Hz 1600L ASTM	7,495.00
2	33800-001052	-	NTS Dissolving Tank and Accessories ASTM	10,334 .00



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