

**131B8914** [↗](#)**FC-202P3K0T4E20H1XGXXXXXXXAXBXXXXDX**

FC-202P3K0T4E20H1XGXXXXXXXAXBXXXXDX

Frequency converter

FC-202P3K0T4E20H1XGXXXXXXXAXBXXXXDX

VLT® AQUA Drive FC-202

(P3K0) 3.0 KW / 4.0 HP, Three phase

380 - 480 VAC, (E20) IP20 / Chassis

(H1) RFI Class A1/B (C1)

No brake chopper

Graphical Loc. Cont. Panel

Not coated PCB, No Mains Option

Latest release std. SW.

No A Option, No B Option

No C1 option, No D option

Frame: A2

Other options according to Model code

Model code: FC-202P3K0T4E20H1XGXXXXXXXAXBXXXXDX

Danfoss VLT® AQUA Drive is dedicated to water and wastewater applications. With a wide range of powerful standard and optional features, the VLT® AQUA Drive provides the lowest overall cost of ownership for water and wastewater applications.

View Efficiency Data [↗](#)**PRODUCT DETAILS**

Gross weight		5.15 kg
Net weight		4.56 kg
Volume		16.53 l
EAN		5702427378933
Sales restriction control		
Matr grp for sales restriction	0001	No grouping
VLT® AQUA DRIVE FC 200 SERIES		
Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® AQUA Drive FC-
Series	202	202
Power Rating	P3K0	(P3K0) 3.0 KW / 4.0 HP
Phase	T	Three phase
Mains Voltage	4	380 - 480 VAC
Enclosure	E20	(E20) IP20 / Chassis
RFI Filter	H1	(H1) RFI Class A1/B (C1)
Brake - Safe Stop	X	No brake chopper
LCP	G	Graphical Loc. Cont. Panel
Coating PCB	X	Not coated PCB
Mains Option	X	No Mains Option
Adaptation A	X	Standard Cable Entries
Adaptation B	X	No adaptation
Software Release	SXXX	Latest release std. SW.

PRODUCT DETAILS

Software Language Pack	X	Standard Language Pack
A Option	AX	No A Option
B Option	BX	No B Option
C0 Option MCO	CX	No C0 option
C1 Option	X	No C1 option
C Option Software	XX	No software option
D Option	DX	No D option
Frame Size	A2	A2
Typecode Part 1		FC-202P3K0T4E20H1XGX
Typecode Part 2		XXXXXXXXAXBXCXXXXX
Product Catalog	NO_VIEW	NO VIEW
Power 180% (HO) [KW]		NV
Power 160% (HO) [KW]		NV
Power 150% (HO) [KW]		3
Power 110% (NO) [KW]		3
Height [mm]		268,0
Height w/ Regen/Loadshare [mm]		NV
Width w/ no C options [mm]		90,0
Depth [mm]		205,0
Depth with Option A/B [mm]		220,0
kVA		4.99
Power Loss NO [W]		116
Power Loss NO [W]		116
Power Loss HO [W]		116
Power Loss HO [W]		116
Continuous Current (NO) [A]		7.2
Intermittent Current (NO) [A]		7.92
Continuous Current (NO) [A]		6.3
Intermittent Current (NO) [A]		6.93
Continuous Current (HO) [A]		7.2
Intermittent Current (HO) [A]		10.8
Continuous Current (HO) [A]		6.3
Intermittent Current (HO) [A]		9.45
Calculated Gross Weight [kg]		5.1
Calculated Net Weight [kg]		4.8
Material Gross Weight		5.15
Material Net Weight		4.56
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Modelcode01		FC-202P3K0T4E20H1XGX
Modelcode02		XXXXXXXXAXBXCXXXXX

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



130B7531 [🔗](#)

Mounting Kit f. C Option, 60mm, A2/A3

VLT® Mounting kit for enclosure sizes A2 and A3.
Must be used when retrofitting 1 pc. of the following MCO options, together with MCB 113 Extended relay card (Located in MCO slot):
MCO 305 Programmable Motion Controller
MCO 350 Synchronizing Controller
MCO 351 Positioning controller
MCO 360 Salt Controller
MCO 361 Lift Controller
Product group: R



130B7530 [🔗](#)

Mounting Kit f. C Option, 40mm, A2/A3

MCF 105 assembly kit A2 / A3 for C option



x10

130B7389 [🔗](#)

NEMA 1 Conversion Kit, Top, 10 pcs, A2



130B5645 [🔗](#)

Leakage Current Monitor Kit, A2, A3



130B1235 [🔗](#)

VLT® PROFINET MCA 120, coated

MCA 120 PROFINET interface
With reinforced coating (class 3C3 / IEC 60721-3-3)
-Supports operation on PROFINET network with extensive characteristics
-DCP support for easy setting u. Communication parameters via the PLC
-on Board web-Page with Drive Status
-parameterization with the MCT10 software
- 2-port version, reduced external hardware



130B1243 [🔗](#)

VLT® Analog I/O Option MCB 109, coated

I / O extension for FC 100, easy to retrofit thanks to modular technology.
Analog inputs / outputs galvanically isolated.
Expands the analog inputs / outputs by:
3 analog inputs: 0 ... 10V / Pt1000 / Ni1000
3 analog outputs: 0 ... 10V
Time switch (RTC backup): lithium cell for 10 years

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



130B1219 [🔗](#)

VLT® EtherNet IP MCA 121, coated

EtherNet/IP extends commercial off-the-shelf Ethernet to the Common Industrial Protocol (CIP™) – the same upper-layer protocol and object model found in DeviceNet. Built-in high-performance switch enabling line-topology, and eliminating the need for external switches. Device Level Ring (DLR) topology for higher system availability. Based on CIP™, makes the reuse of PLC program possible when migrating from DeviceNet to EtherNet/IP. Built-in web server provides remote diagnosis and reading out of basic drive parameters. E-mail notification provides fast access to warnings or alarm information. Unicast and Multicast communication for improved network utilization. Certified by ODVA for fulfilment of the newest standard.

Image
coming
soon

130B1218 [🔗](#)

VLT® Ext. Cascade Contr. MCO 101, ctd

Upgrades the built-in cascade controller to control multiple pumps

- easy to mount via plug 'n' play
- More advanced pump control in master / follower mode
- Up to 6 pumps in standard cascade control
- Up to 5 pumps in master / follower setup

This MCO option, sits in a B option space.

Danfoss can offer help with programming / setting up MCO options.

Contact Danfoss for advice and prices.

Product group: R



130B1254 [🔗](#)

VLT® Adv. Cascade Contr. MCO 102, ctd

Upgrades the built-in cascade controller to control up to 8 pumps

- More advanced pump control in master / follower mode
- The same cascade management hardware applies to the entire power range up to 1.2 MW
- Up to 8 pumps in standard cascade control
- Up to 8 pumps in master / follower setup

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3excepted)

Danfoss MCO options are not sold without prior advice.

Danfoss can offer help with programming / setting up MCO options.

Contact Danfoss for advice and prices.

Product group: R



130B1172 [🔗](#)

VLT® Sensor Input Card MCB 114, unctd

Protects the motor from being overheated by monitoring the temperature of bearings and windings in the motor. Three self-detecting sensor inputs for 2 or 3 wire PT100/PT1000 sensors. One additional analog input 4–20 mA.

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



130B1170 [🔗](#)

LCP Panel Mounting Kit

The kit includes fasteners and gasket. No LCP and no cable included.



130B1212 [🔗](#)

VLT® General Purpose I/O MCB 101, ctd

MCB 101 - Advanced I / O option

Expands the number of freely programmable

Control inputs and outputs around the following I / Os:

- 3 digital inputs opto-decoupled 0 - 24 V.
 - 2 analog inputs 0 - 10 V.
 - 2 digital outputs NPN / PNP switchable 24 V
 - 1 analog output 0/4 - 20 mA
- with reinforced coating



130B1210 [🔗](#)

VLT® Relay Option MCB 105, coated

Relay extension for FC 100 and FC 300.

Extension with 3 additional load relays (changeover contacts), easy to retrofit thanks to modular technology.

Painted version for harsh environments, easy to retrofit thanks to modular technology.

Max. Load 240V AC (resistive): 2 A

Max. Load 240V AC (Cos Phi 0.4): 0.2 A

Max. Load 24V DC (ohmic): 1 A

Max. Load 24V DC (inductive): 0.1 A



130B1208 [🔗](#)

1xMCB 107 24V DC coat w. mount. brackets

Connect an external DC supply to keep the control section and any installed option alive during power failure. Enables full operation of the LCP (including the parameter setting) and all installed options without connection to mains.



130B1202 [🔗](#)

VLT® DeviceNet MCA 104, coated

MCA 104 - DeviceNet interface Option for FC300 and FC100

for mounting on the control card. Painted version



130B1200 [🔗](#)

VLT® Profibus DP V1 MCA 101, coated

Provides wide compatibility, a high level of availability, support for all major PLC vendors and compatibility with future versions. Fast, efficient communication, transparent installation, advanced diagnosis and parameterization and auto-configuration of process data using GSD-file. Acyclic parameterization using PROFIBUS DP-V1, -PROFIdrive or Danfoss FC profile state machines, PROFIBUS DP-V1, Master Class 1 and 2.

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Accessories

**130B1387** [🔗](#)**5xMCB107 24VDC no coat w.out mount brack****130B1386** [🔗](#)**VLT® Profibus DP V1 MCA 101, ctd, 5pcs****130B1385** [🔗](#)**VLT® Profibus DP V1 MCA101, unctd 5pcs****130B1272** [🔗](#)**VLT® Sensor Input Card MCB 114, coated**

MCB 114 - PT100 / PT1000 option

For FC100-FC200 and FC302 (painted version)

Enables the evaluation of up to 3 PT 100 or 3 PT 1000 sensors

- Connection of 2 and 3 wire sensors
- Automatic detection of the sensor type
- Additional 4-20mA input

**130B1296** [🔗](#)**VLT® Modbus TCP MCA 122, coated**

The first industrial Ethernet-based protocol for automation. Connects to Modbus-TCP-based networks. Able to handle connection interval down to 5 ms in both directions, positioning it among the fastest performing Modbus TCP devices in the market. For master redundancy it features hot swapping between two masters.

**130B1164** [🔗](#)**VLT® Extended Relay Card MCB 113**

Adds 7 digital inputs and 2 analog outputs for increased flexibility. 4 SPDT relays. Meets NAMUR recommendations. Galvanic isolation capability.

**130B1006** [🔗](#)**VLT® Motion Ctrl Tool MCT 10>100 lic.**

An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

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Accessories

**130B1002** [↗](#)**VLT® Motion Ctrl Tool MCT 10,10 lic.**

An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

**130B1001** [↗](#)**VLT® Motion Ctrl Tool MCT 10,5 lic.**

An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

**130B1000** [↗](#)**VLT® Motion Ctrl Tool MCT 10,1 lic.**

An interactive tool for quick and easy online/offline configuration of a VLT® drive or soft starter using a PC. Configure communication networks and back up relevant parameter settings. Control and configure systems simultaneously and monitor entire system more effectively for faster monitoring, diagnosis, troubleshooting (alarms/warnings) and better preventive maintenance.

**130B0185** [↗](#)**Adapter Plate, 395x220mm**

With the adapter plate you can replace a VLT® 5/6/8000 by a FC drive without having to drill new holes for the FC drive. This makes it easy and fast to replace a VLT® 5/6/8000, and as there will be no drilling there will be no swarf harming the electric components.

The following VLT® 5/6/8000 can be mounted on the Adapter Plate 130B0185:

IP20 Compact: 200-240Volt VLT5001-5006, 380/500Volt VLT5001-5011

IP20/NM1: 200-240Volt VLT6002-6005, 380/460Volt VLT6002-6011, 380-480Volt VLT8006-8011, 550-600Volt VLT 5001-5011, 525-690Volt VLT8002-8011

**130B0184** [↗](#)**Adapter Plate, 395x130mm**

With the adapter plate you can replace a VLT® 5/6/8000 by a FC drive without having to drill new holes for the FC drive. This makes it easy and fast to replace a VLT® 5/6/8000, and as there will be no drilling there will be no swarf harming the electric components.

The following VLT® 5/6/8000 can be mounted on the Adapter Plate 130B0184:

IP20 Book: 200-240Volt VLT5004-5006/VLT6004-6005, 380/500Volt VLT5006-5011,

380-460Volt VLT6006-6011

For more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

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Accessories

**130B0183** [🔗](#)**Adapter Plate, 395x90mm**

With the adapter plate you can replace a VLT® 5/6/8000 by a FC drive without having to drill new holes for the FC drive. This makes it easy and fast to replace a VLT® 5/6/8000, and as there will be no drilling there will be no swarf harming the electric components. The following VLT® 5/6/8000 can be mounted on the Adapter Plate 130B0183:
IP20 Book: 200-240Volt VLT5001-5003/VLT6002-6003, 380/500Volt VLT5001-5005, 380-460Volt VLT6002-6005

**130B0056** [🔗](#)**Adapter Plate, 338x279mm**

With the adapter plate you can replace a VLT® 3000 by a FC drive without having to drill new holes for the FC drive. This makes it easy and fast to replace a VLT® 3000, and as there will be no drilling there will be no swarf harming the electric components. It is possible to install one or two FC drives in the same place as one VLT® 3000. Or one FC drive with a full size C Option (e.g. MCO305). The following VLT® 3000 can be mounted on the Adapter Plate 130B0056:
IP00/21: 220/380/500Volt VLT3002-3004 with no brake

**130B1135** [🔗](#)**VLT® PROFINET MCA 120, UNCOATED**

MCA 120 PROFINET interface

- Supports operation on PROFINET network with extensive properties
- DCP support for easy setting u. Communication parameters via the PLC
- On Board web-Page with Drive Status
- Parameterization with the MCT10 software
- 2 port version, reduced external hardware

**130B1132** [🔗](#)**IP 21/Type 1 conversion kit, top, A2**

This is only the top part of the kit - If you need a kit with both top and bottom please order 130B1122

**130B1125** [🔗](#)**VLT® General Purpose I/O MCB 101, unctd**

MCB 101 - Advanced I / O option

Expands the number of freely programmable Control inputs and outputs around the following I / Os:

- 3 digital inputs opto-decoupled 0 - 24 V.
- 2 analog inputs 0 - 10 V.
- 2 digital outputs NPN / PNP switchable 24 V
- 1 analog output 0/4 - 20 mA

**130B1124** [🔗](#)**VLT® Control Panel LCP 101, numeric**

Numerical control unit for FC 100 and FC 300. Allows access to all device parameters. Quick menu for brief commissioning. Manual / auto switchover and alarm acknowledgment.

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



130B1122 [🔗](#)
IP 21/Type 1 conversion kit, A2
 Cover for housing size A2 MCF 101 NEMA1 / IP21



130B1119 [🔗](#)
VLT® EtherNet/IP MCA 121, uncoated
 MCA 121 EtherNet / IP interface
 -Allows connection to EtherNet / IP based Automation systems via CIP (CommonInterface Protocol)
 -2 port design reduces external components
 -HTTP for diagnosis via built-in web server
 -SMTP, DHCP and FTP protocols
 -Prepared for parameterization with the MCT 10 software via TCP / IP
 -Certified according to ODVA

Image coming soon

130B1118 [🔗](#)
VLT® Ext. Cascade Contr. MCO 101,unctd



130B1117 [🔗](#)
LCP Mounting Kit, w/ no LCP
 The kit includes fasteners, 3m cable and gasket - There is no LCP included.



130B1114 [🔗](#)
LCP Mounting Kit w/ numerical LCP101, 3m
 The kit includes numerical LCP, fasteners, 3m cable and gasket.



130B1113 [🔗](#)
lcp panel kit/fc300 fg-lcp panel kit
 The kit includes graphical LCP, fasteners, 3m cable and gasket.



130B1110 [🔗](#)
VLT® Relay Option MCB 105, uncoated
 Relay extension for FC 100 and FC 300. Extension with 3 additional load relays (changeover contacts), easy to retrofit thanks to modular technology.
 Max. Load 240V AC (resistive): 2 A
 Max. Load 240V AC (Cos Phi 0.4): 0.2 A
 Max. Load 24V DC (ohmic): 1 A
 Max. Load 24V DC (inductive): 0.1 A

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Accessories



130B1154 [🔗](#)

VLT® Adv. Cascade Contr. MCO 102, ctd

Easy to fit. Upgrades built-in cascade controller to operate up to 8 pumps and provide more advanced pump control in master/follower mode. Supports combination of multiple variable speed and fixed speed pumps, as well as configurations with pumps of differing capacity (mixed pump control). The additional 7 digital inputs and the 24-V DC connection to the drive enable flexible adaptation to the application. The same cascade controller hardware is compatible with the entire power range up to 2 MW.



130B1143 [🔗](#)

VLT® Analog I/O Option MCB 109, unctd

I / O expansion for FC 100, through modular technology easy to retrofit. Analog inputs/outputs galvanically isolated.
Expands the analog inputs / outputs by:
3 analog inputs: 0 ... 10V / Pt1000 / Ni1000
3 analog outputs: 0 ... 10V
Time switch (RTC backup): lithium cell for 10 years



130B1137 [🔗](#)

VLT® PTC Thermistor Card MCB 112, ctd

MCB 112 PTC - thermistor relay MS220DA In connection with ATEX certified explosion-proof motors for full motor protection. Certified PTC sensors are the sole protection required. Integrable module with ATEX-compliant full thermal motor protection
1 PTB-certified PTC thermistor input
1 switch-off signal for using the Safe Stop function
1 logic output for error identification



130B1077 [🔗](#)

Blindcover, w/ Danfoss logo, IP55/66

LCP Blindcover IP66



130B1071 [🔗](#)

6 Pole Connector, FC series, 10 pcs

6-pole spring cage connectors 10 pcs



130B1070 [🔗](#)

RS485 plug, FC series, 10 pcs

10pcs RS485 connectors for FC-series.
Product group: R

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Accessories



130B1108 [🔗](#)

VLT® 24V DC Supply MCB 107, uncoated

Connect an external DC supply to keep the control section and any installed option alive during power failure. Enables full operation of the LCP (including the parameter setting) and all installed options without connection to mains.



130B1107 [🔗](#)

VLT® Control Panel LCP 102

Graphic operating unit LCP102 Illuminated graphic display with plain text. Supports all languages and characters. Quick menu for brief commissioning. Saving and copying parameter sets. Online help for each function



130B1102 [🔗](#)

VLT® DeviceNet MCA 104, uncoated

Robust, efficient data handling thanks to advanced Producer/Consumer technology. ODVA's strong conformance testing policies ensure products are interoperable, and the AC-drive profile, supported using I/O instance 20/70.21/71, secures compatibility to existing systems.



130B1100 [🔗](#)

VLT® Profibus DP V1 MCA 101

Provides wide compatibility, a high level of availability, support for all major PLC vendors and compatibility with future versions. Fast, efficient communication, transparent installation, advanced diagnosis and parameterization and auto-configuration of process data using GSD-file. Acyclic parameterization using PROFIBUS DP-V1, -PROFIdrive or Danfoss FC profile state machines, PROFIBUS DP-V1, Master Class 1 and 2.



130B1088 [🔗](#)

LCP Blindcover, w/ Danfoss logo, IP20/21



175U0087 [🔗](#)

Mount. Brack. Footprint, A2, f. 2 br.res

Back frame A2 for 2 brake resistors



175U0085 [🔗](#)

Mounting bracket: Footprint, A2

Back frame A2 for 1 brake resistor

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories

**175Z0929** [🔗](#)**LCP Cable, 3m**

Cable for control panel (LCP), 3 meters

Works with the following LCP:

Alphanumeric control panel LCP3 - 175N0131

VLT® LCP 102 Graphic Display - 130B1107

VLT® LCP 101 Numeric Display - 130B1124

VLT® LCP 102 Graphic display IP66 - 130B1078

Product group: F1

Image
coming
soon

175U0009 [🔗](#)**Mounting bracket Kit, 216 x 30 x 18mm**

Mounting angle for flatpack resistor 200W

**175N2584** [🔗](#)**VLT® EtherNet/IP Modbus TCP gateway**

Image
coming
soon

134B6302 [🔗](#)**VLT MCT 10 Software Customizer, 1 key**

the commissioning experience of the VLT® to best fit your needs. It is a strong tool that enables you to quickly create your setup and test it first to MCT 10 using the simulator before uploading it to a real drive. local Danfoss Drives representative to order the required license(s).

Customize your commissioning experience

As the name suggests, VLT® Software Customizer allows you to customize

Note that the Advanced MCT 10 license is needed, please contact the

Image
coming
soon

134B5225 [🔗](#)**Remote LCP unit, 10m**

Remote mounting kit for LCP with cover for outdoor mounting with 10 m (33 ft) cable

Image
coming
soon

134B5224 [🔗](#)**Remote LCP unit, 5m**

Remote mounting kit for LCP with cover for outdoor mounting with 5 m (16 ft) cable

**134B5223** [🔗](#)**Remote LCP unit, 3m**

Remote mounting kit for LCP with cover for outdoor mounting with 3 m (10 ft) cable

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Accessories



134B0460 [🔗](#)

LCP 103 Wireless Communication Panel

With VLT® Wireless Communication Panel LCP 103 you can communicate with MyDrive® Connect - an app that can be downloaded for iOS and Android based smartphones. MyDrive® Connect makes commissioning easy, monitor and maintain tasks on your frequency converter. VLT® Wireless Communication Panel LCP 103 shows the current status of the drive (On, Warning, Alarm, Wifi connection) via built-in LED. Detailed information is also available using MyDrive® Connect. Here do you have access to i.a. status, menu and alerts. You can also see graphs over the latest available data.

The new VLT® Wireless Communication Panel LCP 103 allows you to wireless communication to the following drives:

- VLT® HVAC Drive FC 102
- VLT® Refrigeration Drive FC 103
- VLT® AQUA Drive FC 202
- VLT® AutomationDrive FC 302

[!] Note!

LCP 103 only works on frequency converters produced in 2018 (White USB stik).

Product group: R1

Image
coming
soon

134B1992 [🔗](#)

Control Terminals w/ screw connections

Image
coming
soon

130B6447 [🔗](#)

VLT® Safety Option MCB 141

Extends the Safe Torque Off feature of VLT® drives with additional safety functions: Safe Stop 1 (SS1), Safely Limited Speed (SLS), Safe Maximum Speed (SMS) and Safe Speed Monitor (SSM).



130B0295 [🔗](#)

Accessory bag with control card plugs



130B1022 [🔗](#)

Accessory bag for framesize A2, A3

Image
coming
soon

130B4847 [🔗](#)

extension cable for lcp+communication



134B8814 [🔗](#)

VLT® PROFINET MCA120 coated 5pcs

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



134B8492 [🔗](#)
Transducer 0-10g, 4-20mA; HS-22B50



134B8493 [🔗](#)
CBM Transducer 0-25mm/s RMS 4-20mA



134B8494 [🔗](#)
Transducer w, temp 0-25mm/s RMS 4-20mA



134B8496 [🔗](#)
Cable assy 10m, straight socket connetc.

Image coming soon

134B8497 [🔗](#)
Cable assy, M12 female connec.10m screen

Spare Parts



130B7530 [🔗](#)
Mounting Kit f. C Option, 40mm, A2/A3
 MCF 105 assembly kit A2 / A3 for C option



x10

130B9001 [🔗](#)
multiple 2 pole power combicon, 24V plug



130B1012 [🔗](#)
Terminal cover frame A1-A3 with option



130B1011 [🔗](#)
Terminal cover frame A1-A3 w/o option

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Spare Parts



130B1008 [🔗](#)
Frame for LCP Control Pad with option



130B1007 [🔗](#)
Frame for LCP Control Pad w/o option



130B1022 [🔗](#)
Accessory bag for framesize A2, A3



130B0295 [🔗](#)
Accessory bag with control card plugs



x10

130B1073 [🔗](#)
10 pole connector



x10

130B1072 [🔗](#)
8 pole connector



130B1069 [🔗](#)
Multiple relay 1 plug
 spare, 3 pole connector, relay 1, fc300



130B1068 [🔗](#)
Multiple relay 2 plug
 spare, 3 pole connector, relay 2, fc300



130B1067 [🔗](#)
Multiple non-twisted mains plug



130B1107 [🔗](#)
VLT® Control Panel LCP 102
 Graphic operating unit LCP102 Illuminated graphic display with plain text. Supports all languages and characters. Quick menu for brief commissioning. Saving and copying parameter sets. Online help for each function

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Spare Parts



130B1096 [🔗](#)
Fan assembly 70x70x25 mm coated



130B1088 [🔗](#)
LCP Blindcover, w/ Danfoss logo, IP20/21



134B1975 [🔗](#)
Decoupling Plate for fieldbus Cables



134B1732 [🔗](#)
Control Card w/o safe stop for FC-202

NOTE:

The MKII control cards are backward compatible to the old cards but will only work with SW equal or higher than 3.24. If your drive has a customer specific software or a brand labeled software version please order the old control card MKI, PN: 130B1168

Services



131F3082 [🔗](#)
FC-202P4K0T4E20H1UGCXXXXXXXAXBXXXXX

Frequency converter
FC-202P4K0T4E20H1UGCXXXXXXXAXBXXXXX
VLT® AQUA Drive FC-202
(P4K0) 4.0 KW / 5.5 HP, Three phase
380 - 480 VAC, (E20) IP20 / Chassis
(H1) RFI Class A1/B (C1)
Brake chopper + Safe stop
Graphical Loc. Cont. Panel
Coated PCB, No Mains Option
Latest release std. SW.
No A Option, No B Option
No C1 option, No D option
Frame: A2
Other options according to Model code

Model code: FC-202P4K0T4E20H1UGCXXXXXXXAXBXXXXX

Danfoss VLT® AQUA Drive is dedicated to water and wastewater applications. With a wide range of powerful standard and optional features, the VLT® AQUA Drive provides the lowest overall cost of ownership for water and wastewater applications.

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Services



130R1121 [🔗](#)

DrivePro ExWarr Work Shop PG03 30 months

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site. You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1120 [🔗](#)

DrivePro ExWarr Work Shop PG03 24 months

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site. You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1122 [🔗](#)

DrivePro ExWarr Work Shop PG03 36 months

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site. You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1123 [🔗](#)

DrivePro ExWarr Work Shop PG03 42 months

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site. You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1126 [🔗](#)

DrivePro ExWarr Work Shop PG03 60 months

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site. You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1125 [🔗](#)

DrivePro ExWarr Work Shop PG03 54 months

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site. You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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Services

**130R1124** [🔗](#)**DrivePro ExWarr Work Shop PG03 48 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1127** [🔗](#)**DrivePro ExWarr Work Shop PG03 66 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1128** [🔗](#)**DrivePro ExWarr Work Shop PG03 72 months**

DrivePro® Standard Extended Warranty provides repair at a Danfoss Drives workshop, or shipment of a replacement product to the site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1024** [🔗](#)**DrivePro ExWarr Onsite PG03 48 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1025** [🔗](#)**DrivePro ExWarr Onsite PG03 54 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

**130R1020** [🔗](#)**DrivePro ExWarr Onsite PG03 24 months**

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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Services



130R1022 [🔗](#)

DrivePro ExWarr Onsite PG03 36 months

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1021 [🔗](#)

DrivePro ExWarr Onsite PG03 30 months

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1027 [🔗](#)

DrivePro ExWarr Onsite PG03 66 months

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1026 [🔗](#)

DrivePro ExWarr Onsite PG03 60 months

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1028 [🔗](#)

DrivePro ExWarr Onsite PG03 72 months

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.



130R1023 [🔗](#)

DrivePro ExWarr Onsite PG03 42 months

DrivePro® On-site Extended Warranty provides repair at the customer site, or replacement at the customer site.

You can only order DrivePro® Extended Warranty when purchased with a new drive. For drives previously shipped or purchased; contact your local Danfoss Drives sales office for extended warranty contract options.

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Services



DrivePro® Start-up

130R1303**DrivePro Start-Up unit pre-order small**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.



DrivePro® Start-up

130R1324**DrivePro SU + ctr interface test A,B & C**

DrivePro Start-Up Control interface testing small frame unit



DrivePro® Start-up

130R1321**DrivePro SU + spec. applications A,B & C**

DrivePro Start-Up special applications small frame unit



DrivePro® Start-up

130R1313**DrivePro Start-Up 1 day on-demand small**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

For more information, please use this link to visit the product page on Danfoss Product Store

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Services

**130R1312****DrivePro Start-Up 1 Day Pre-order small**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

**130R1304****DrivePro Start-Up unit on-demand small**

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

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Services

Image
coming
soon

130R1380 

DrivePro Start-Up ½ day pre-order small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

Image
coming
soon

130R1381 

DrivePro Start-up ½ day on-demand small

DrivePro® Start-up gives the Customer a full range of checks and adjustments during commissioning of the drive, ensuring their system is tuned for optimal performance right from day one.

The following benefits can be gained:

- Installation is checked to ensure it complies to Danfoss guide lines.
- The AC drive is fine-tuned specific to the application, ensuring optimal performance.
- Maximum energy savings to the Customer.
- Extend the AC drive's lifespan.
- Report detailing findings.

Before DrivePro® Start-up can be implemented, the AC drive must be installed and

ready for operation. The entire system must be fully operational under normal operation conditions. Installation of the drive is not included in this package. Commissioning needs to take place during the standard working hours.

General Terms and Conditions of Delivery and Warranty apply.

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