

Choose configurations freely

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18]
FC-202 - [] - [] - [] - [] - [] - [] - [] - [] - [] - X - SXX X - X - [] - [] - CX - [] - [] - XX - []

[1] Application	
202	VLT® AQUA Drive FC 202

[2] Power Size	
PK25	
PK37	
PK55	
PK75	
P1K1	
P1K5	
P2K2	
P3K0	
P3K7	
P4K0	
P5K5	
P7K5	
P11K	
P15K	
P18K	
P22K	
P30K	
P37K	
P45K	
P55K	
P75K	
P90K	
P110	
P132	
P160	
P200	
P250	
P315	
P355	
P400	
P450	
P500	
P560	
P630	
P710	
P800	
P900	
P1M0	
P1M2	
P1M4	

See ratings data on page 12 for power ratings

[3] AC Line Voltage	
T2	1 x 200/240 V AC (1.1 – 45 kW)
T2	3 x 200/240 V AC (1.1 – 45 kW)
T4	1 x 380/480 V AC
T4	3 x 380/480 V AC
T6	3 x 525/600 V AC (1.1 – 90 kW)
T7	3 x 525/690 V AC (45 kW – 1.4 MW)

[4] Enclosure	
For cabinet mounting:	
E00	IP 00 (enclosure D3, D4)
E20	IP 20 (enclosure A2, A3, B3, B4, C3, C4)
Standalone:	
E21	IP 21 (enclosure B1, B2, C1, C2, D1, D2, E, F)
E54	IP 54 (enclosure D1, D2, E, F)
E55	IP 55 (enclosure A4, A5, B1, B2, C1, C2)
E66	IP 66 (enclosure A4, A5, B1, B2, C1, C2)
Z55	IP 55 (enclosure A4)
Special designs:	
C00	IP 00 (enclosure E00 – air duct in stainless steel)
P20	IP 20 (enclosure B4, C3, C4 – Back Plate)
E2M	IP 21 (enclosure D1, D2 – protective cover)
P21	IP 21 (enclosure as E21 – Back Plate)
E5M	IP 54 (enclosure D1, D2 – protective cover)
P55	IP 55 (enclosure as E55 – Back Plate)
E5H	Special LHD enclosure IP 54 electronic IP 21 magnetics
Y55	IP 55 (enclosure as Z55 – Back Plate)

[5] RFI Filter (EN/IEC 61800-3)	
H1	RFI-Filter Class C1/C2 (enclosure A, B, C)
H2	RFI-Filter, Class C3 (enclosure A, B, C, D, E, F)
H3	RFI-Filter Class C1/C2 (enclosure A, B, C)
H4	RFI-Filter, Class C2 (enclosure D, E, F)
H6	RFI-Filter for Marine
HX	No RFI-Filter (enclosure A, B, C, 525 – 600 V)
L2	Low Harmonic Drive with RFI Class C3
L4	Low Harmonic Drive with RFI Class C2
B2	12-pulse with A2 RFI Class C3
B4	12-pulse with A1 RFI Class C2

[6] Braking & Safety	
X	No brake IGBT
B	Brake IGBT mounted
T	Safe stop without brake
U	With brake and Safe Stop

[7] Display (Local Control Panel)	
X	Blank faceplate, no LCP installed
G	LCP 101 – Graphic LCP installed
N	LCP 102 – Numeric LCP installed

[8] Conformal Coating (IEC 721-3-3)	
X	No conformal coating
C	Conformal coating on all PCBs

[9] Mains Input	
X	No option
1	Mains disconnect
3	Mains disconnect and fuses
5	Mains disconnect, fuses and load sharing
7	Fuses
A	Fuses & load sharing terminals
D	Load sharing terminals

[10] Cable	
X	Standard Cable Entries
O	Metric Cable Entries

[13] A Option (Fieldbus)	
AX	No fieldbus option
A0	MCA 101 – PROFIBUS DPV1
A4	MCA 104 – DeviceNet
AL	MCA 120 – PROFINET RT
AN	MCA 121 – Ethernet I/P
AQ	MCA 122 – Modbus TCP

[14] B Option (Application)	
BX	No application option
BK	MCB 101 – General Purpose I/O
BP	MCB 105 – Relay Expansion
B0	MCB 109 – Analog I/O
B4	MCB 114 – Sensor Input Option
BY	MCO 105 – Extended Cascade Controller

[16] C1 Option (Extended Relay)	
X	No application option
5	MCO 102 – Advanced Cascade Controller

[18] D Option (Control Power Backup Input)	
DX	No DC input installed
D0	MCB 107 24 VDC backup input

Please beware that not all combinations are possible. Find help configuring your drive with the online configurator found under: driveconfig.danfoss.com

An overview showing the many ways to configure a VLT® AQUA Drive

Select the options required for your application to determine the type code for your drive. The factory then uses this type code to build the drive to your exact specifications.

You can configure online at www.danfoss.com/drives – choose “Online Configurator” – or contact your local Danfoss VLT Drives office.

