

Appendix C Dimension drawings

C.1 What this chapter contains

This chapter describes the dimension drawings of the VFD. The dimension unit used in the drawings is mm.

C.2 Keypad structure

C.2.1 Structure diagram

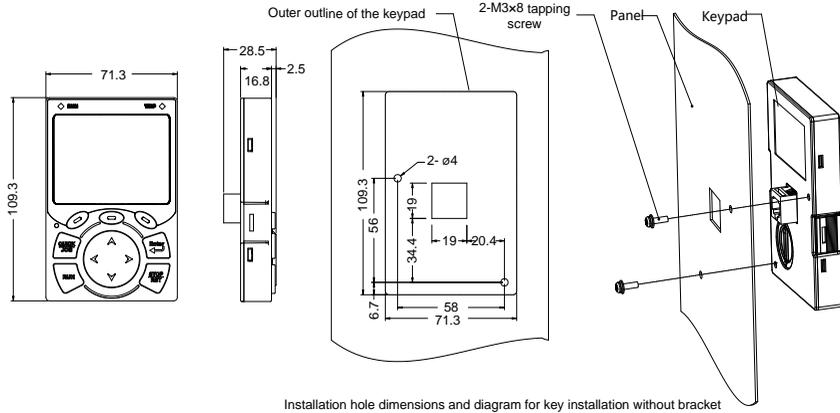


Figure C.1 Keypad structure diagram

C.2.2 Keypad installation bracket

Note: When installing an external keypad, you can directly use threaded screws or a keypad bracket. For VFD models of 1R5G/2R2P-075G/090P, you need to use optional keypad installation brackets. For those of 090G/110P-500G, you can use optional brackets or use the standard keypad brackets externally.

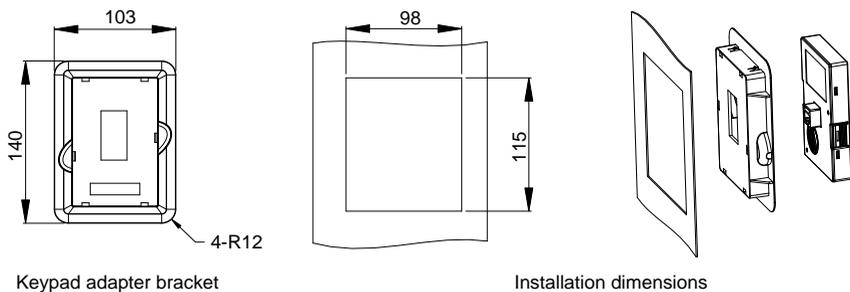


Figure C.2 1R5G/2R2P-500G keypad installation bracket (optional)

C.3 VFD structure

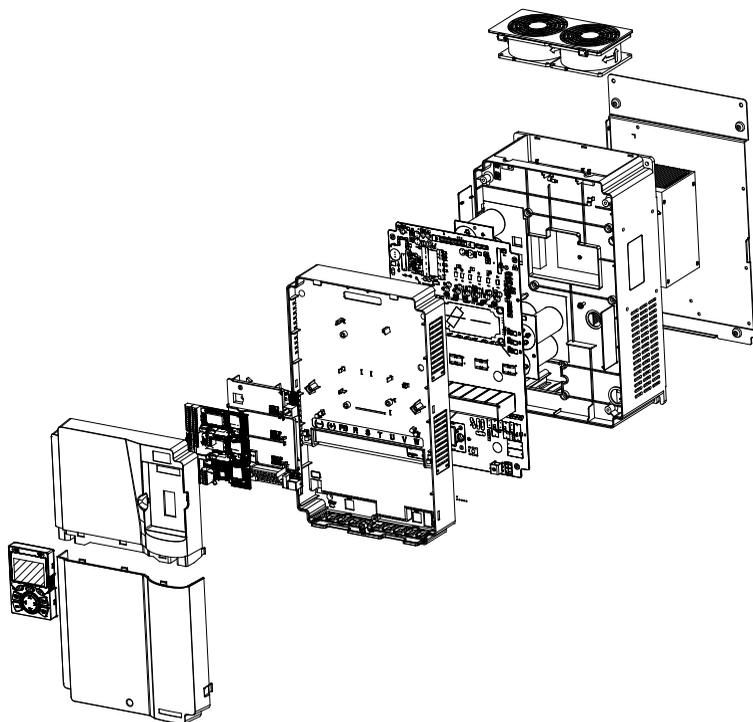


Figure C.3 VFD structure diagram

C.4 VFD structure

C.4.1 Wall-mounting dimensions

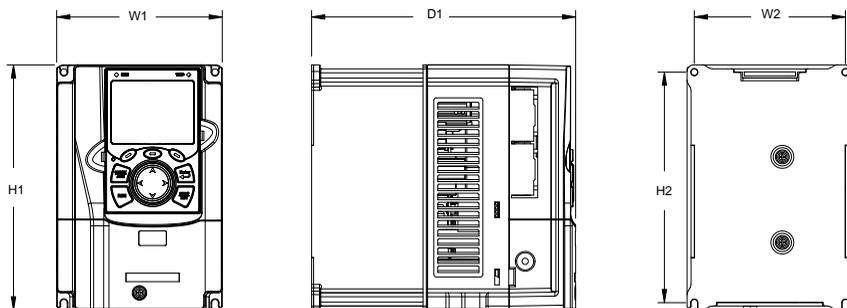


Figure C.4 1R5G/2R2P-037G/045P wall-mounting diagram

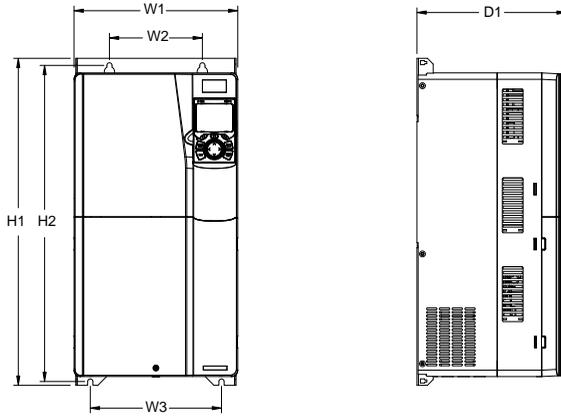


Figure C.5 045G/055P-075/090P wall-mounting diagram

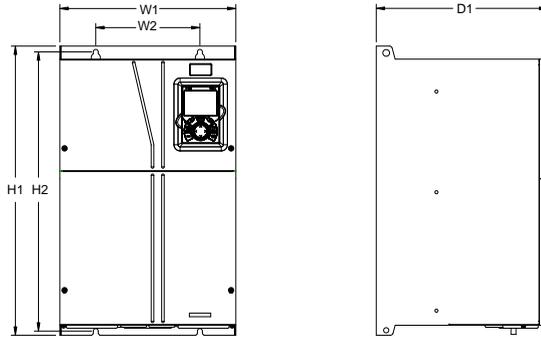


Figure C.6 090G/110P-110G/132P wall-mounting diagram

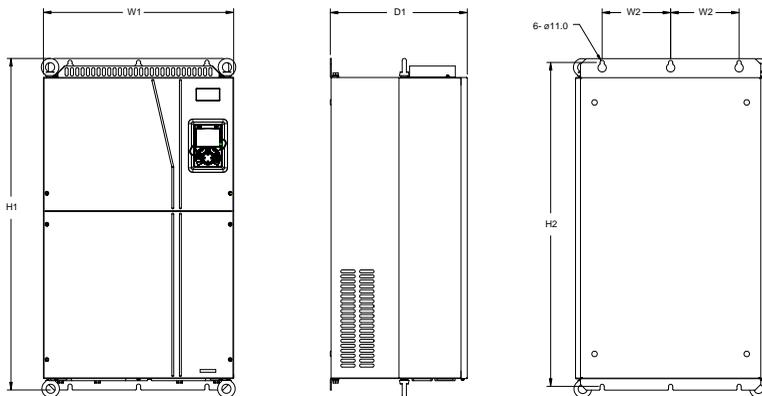


Figure C.7 132G/160P-200G/220P wall-mounting diagram

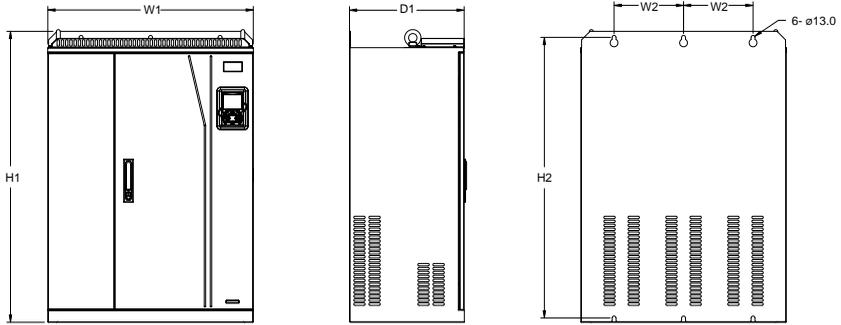


Figure C.8 220G/250P-315G/350P wall-mounting diagram

Table C.1 Wall-mounting dimensions (unit: mm)

VFD model	W1	W2	W3	H1	H2	D1	Installation hole diameter	Screw
1R5G/2R2P-2R2G/003P	126	115	-	186	175	185	∅ 5	M4
004G/5R5P-5R5G/7R5P	126	115	-	186	175	201	∅ 5	M4
7R5G/011P	146	131	-	256	243.5	192	∅ 6	M5
011G/015P-015G/018P	170	151	-	320	303.5	220	∅ 6	M5
018G/022P-022G/030P	200	185	-	340.6	328.6	208	∅ 6	M5
030G/037P-037G/045P	250	230	-	400	380	223	∅ 6	M5
045G/055P-075/090P	282	160	226	560	542	258	∅ 9	M8
090/110P-110G/132P	338	200	-	554	535	330	∅ 10	M8
132G/160P-200G/220P	500	180	-	870	850	360	∅ 11	M10
220G/250P-315G/355P	680	230	-	960	926	380	∅ 13	M12

C.4.2 Flange installation dimensions

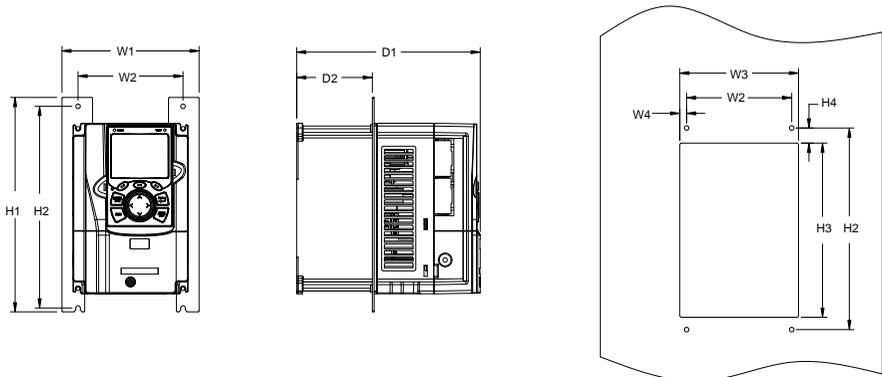


Figure C.9 1R5G/2R2P-075/090P flange installation diagram

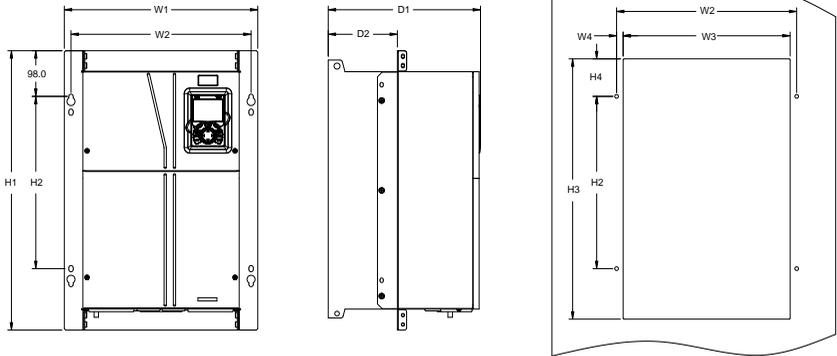


Figure C.10 90G/110P-110G/132P flange installation diagram

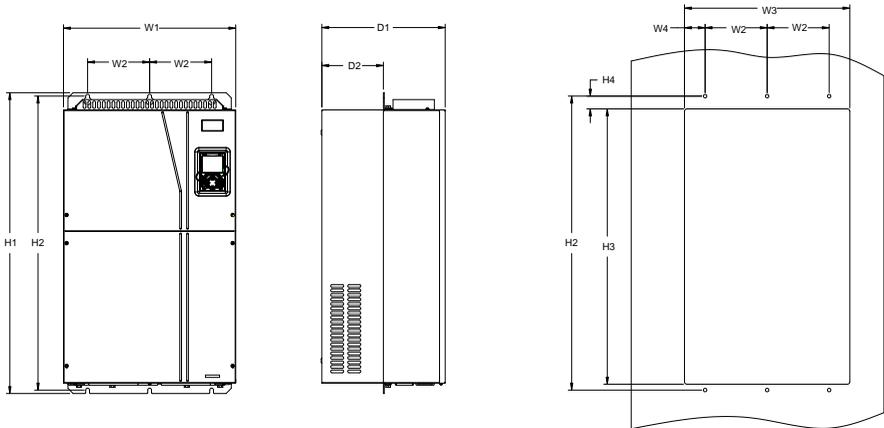


Figure C.11 132G/160P-200G/220P flange installation diagram

Table C.2 380V flange installation dimensions (unit: mm)

VFD model	W1	W2	W3	W4	H1	H2	H3	H4	D1	D2	Hole diameter	Screw
1R5G/2R2P-2R2G/003P	150.2	115	130	7.5	234	220	190	13.5	185	65.5	Ø 5	M4
004G/5R5P-5R5G/7R5P	150.2	115	130	7.5	234	220	190	13.5	201	83	Ø 5	M4
7R5G/011P	170.2	131	150	9.5	292	276	260	6	192	84.5	Ø 6	M5
011G/015P-015G/018P	191.2	151	174	11.5	370	351	324	12	220	113	Ø 6	M5
018G/022P-022G/030P	266	250	224	13	371	250	350.6	20.3	208	104	Ø 6	M5
030G/037P-037G/045P	316	300	274	13	430	300	410	55	223	118.3	Ø 6	M5
045G/055P-075/090P	352	332	306	12	580	400	570	80	258	133.8	Ø 9	M8
090/110P-110G/132P	418.5	389.5	361	14.2	600	370	559	108.5	330	149.5	Ø 10	M8
132G/160P-200G/220P	500	180	480	60	870	850	796	37	360	178.5	Ø 11	M10

C.4.3 Floor installation dimensions

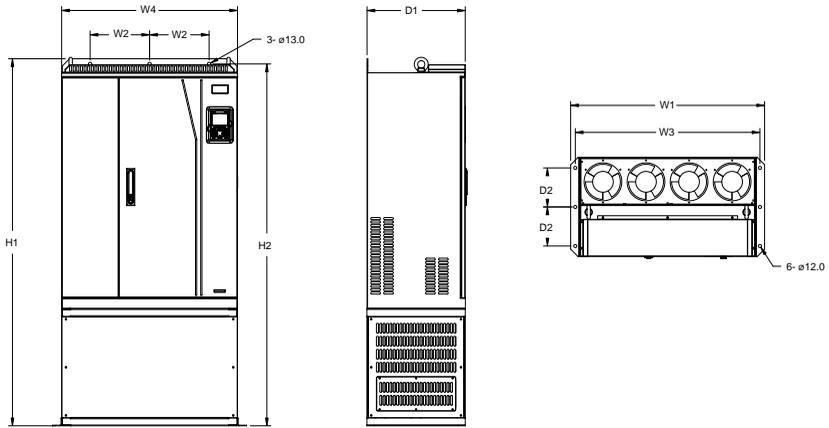


Figure C.12 220G/250P-315G/355P floor installation diagram

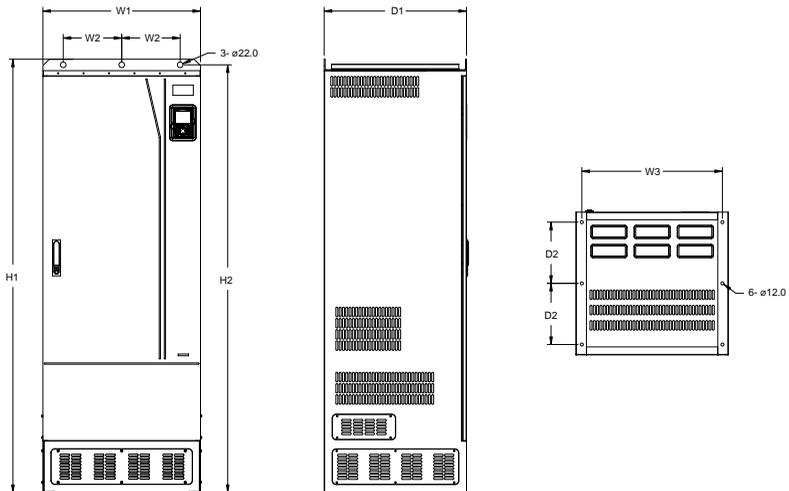


Figure C.13 355G/400P-500G floor installation diagram

Table C.3 380V floor installation dimensions (unit: mm)

VFD model	W1	W2	W3	W4	H1	H2	D1	D2	Hole diameter	Screw
220G/250P-315G/355P	750	230	714	680	1410	1390	380	150	Ø 13/12	M12/M10
355G/400P-500G	620	230	572	-	1700	1678	560	240	Ø 22/12	M20/M10