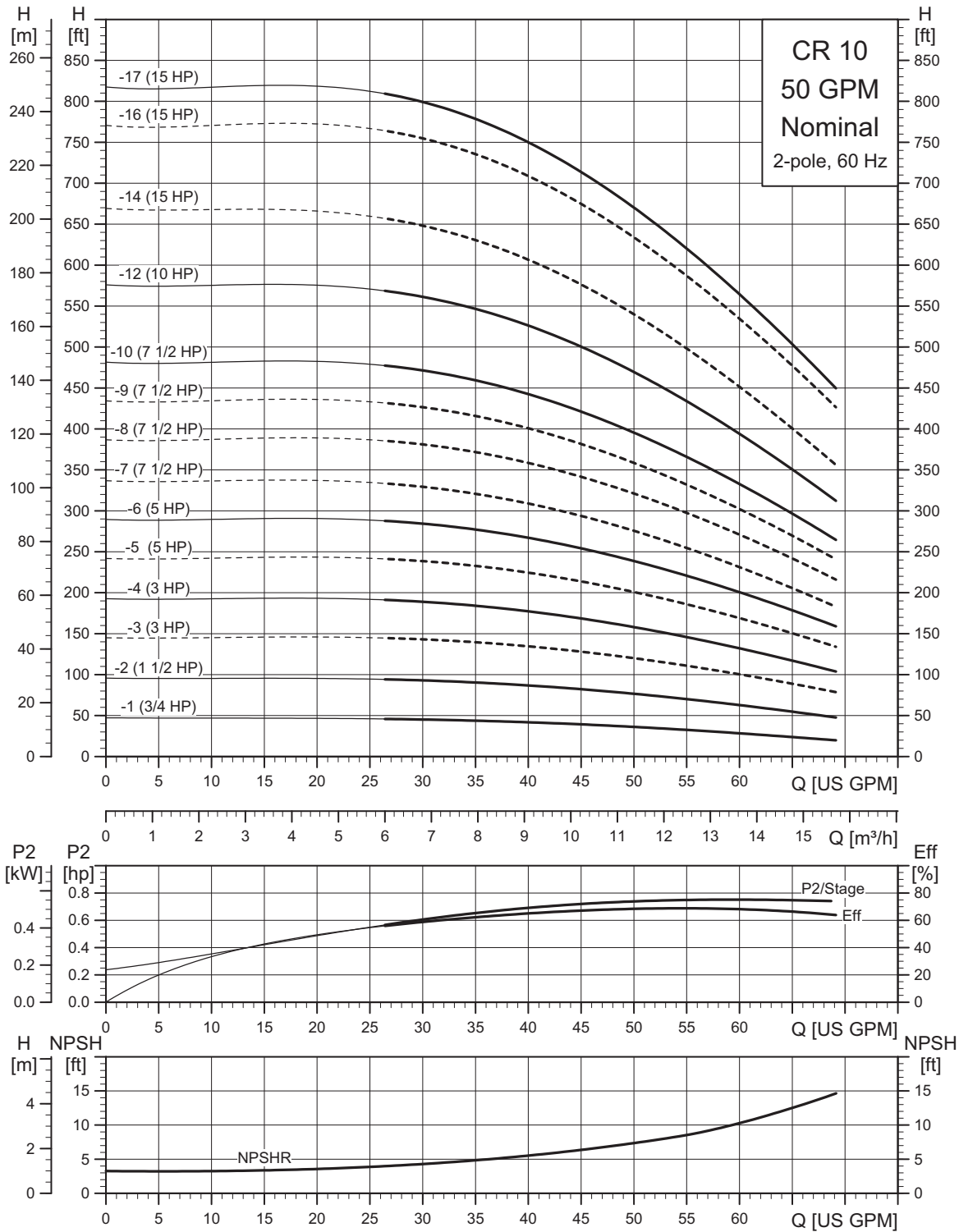


# Performance curves

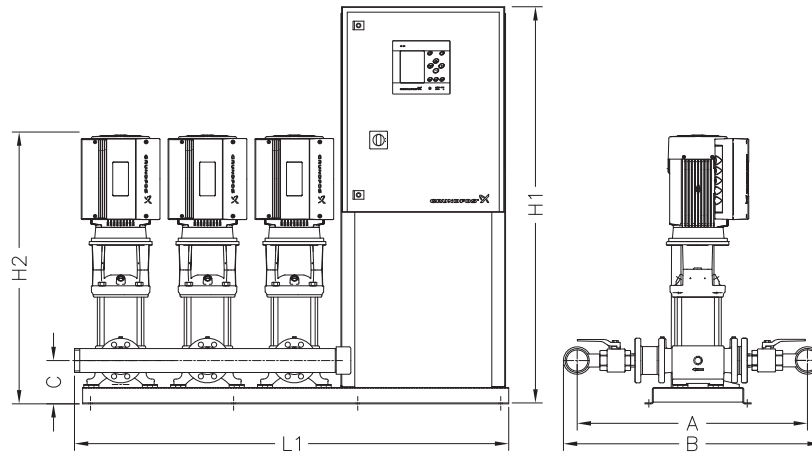
## CR 10



TM05 1568 3211

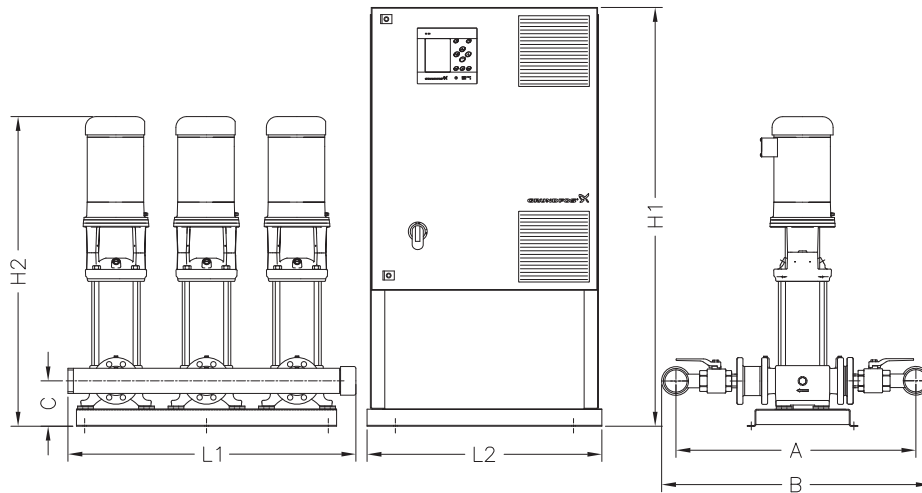
Pump curves shown with solid bold line represent standard BoosterpaQ pump offerings. Pump curves shown with dashed line represent non-standard BoosterpaQ pump offerings, which are available upon request.

### Hydro MPC BoosterpaQ with CR(E) 10 pumps



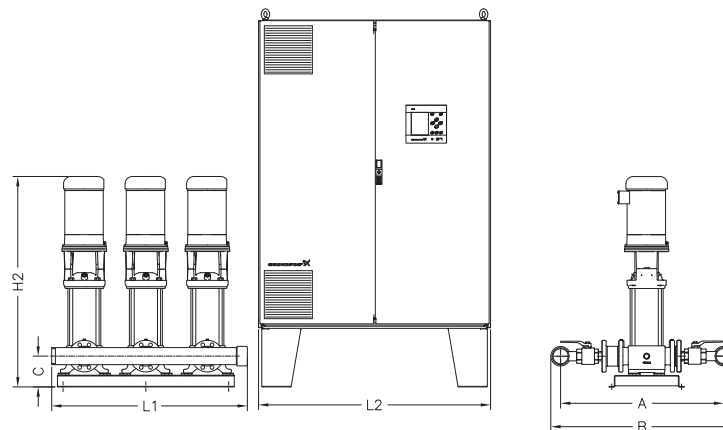
TM05 5879 4112

Fig. 41 Drawing of a Hydro MPC booster set with a control panel mounted on the same base plate as the pumps. (Design A)



TM05 5881 4112

Fig. 42 Drawing of a Hydro MPC booster set with control panel and pumps on separate base plates. (Design B)



TM05 5880 4112

Fig. 43 Drawing of a Hydro MPC booster set with a floor-mounted control panel. (Design C)

Hydro MPC-E BoosterpaQ with CRE 10 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CRE 10-2	1.5	2.5" NPT	33.5	36.4	6.3	57.9	30.8	50.4	N/A	30x24x9	375	471	A
	CRE 10-3	3					57.9	33.3	50.4	N/A	30x24x9	425	522	A
	CRE 10-4	3					57.9	34.5	50.4	N/A	30x24x9	430	526	A
	CRE 10-5	5					57.9	37.8	50.4	N/A	30x24x9	506	602	A
	CRE 10-6	5					57.9	39.0	50.4	N/A	30x24x9	511	607	A
	CRE 10-8	7.5					57.9	41.7	50.4	N/A	30x24x9	531	627	A
	CRE 10-10	7.5					57.9	44.1	50.4	N/A	30x24x9	549	645	A
3	CRE 10-2	1.5	3" NPT	33.6	37.1	6.3	57.9	30.8	63.0	N/A	30x24x9	554	662	A
	CRE 10-3	3					57.9	33.3	63.0	N/A	30x24x9	630	738	A
	CRE 10-4	3					57.9	34.5	63.0	N/A	30x24x9	637	745	A
	CRE 10-5	5					57.9	37.8	63.0	N/A	30x24x9	751	860	A
	CRE 10-6	5					57.9	39.0	63.0	N/A	30x24x9	758	866	A
	CRE 10-8	7.5					57.9	41.7	63.0	N/A	30x24x9	788	897	A
	CRE 10-10	7.5					57.9	44.1	63.0	N/A	30x24x9	815	923	A
4	CRE 10-2	1.5	4" ANSI	33.6	42.6	6.3	57.9	30.8	76.8	N/A	30x24x9	775	896	A
	CRE 10-3	3					57.9	33.3	76.8	N/A	30x24x9	877	997	A
	CRE 10-4	3					57.9	34.5	76.8	N/A	30x24x9	886	1006	A
	CRE 10-5	5					57.9	37.8	76.8	N/A	30x24x9	1038	1159	A
	CRE 10-6	5					57.9	39.0	76.8	N/A	30x24x9	1047	1168	A
	CRE 10-8	7.5					57.9	41.7	76.8	N/A	30x24x9	1088	1209	A
	CRE 10-10	7.5					57.9	44.1	76.8	N/A	30x24x9	1123	1244	A
5	CRE 10-2	1.5	4" ANSI	33.6	42.6	6.3	57.9	30.8	64.7	24.8	30x24x9	965	1098	B
	CRE 10-3	3					57.9	33.3	64.7	24.8	30x24x9	1093	1225	B
	CRE 10-4	3					57.9	34.5	64.7	24.8	30x24x9	1104	1236	B
	CRE 10-5	5					57.9	37.8	64.7	24.8	30x24x9	1295	1427	B
	CRE 10-6	5					57.9	39.0	64.7	24.8	30x24x9	1306	1438	B
	CRE 10-8	7.5					57.9	41.7	64.7	32.7	40x32x12	1357	1544	B
	CRE 10-10	7.5					57.9	44.1	64.7	32.7	40x32x12	1401	1588	B
6	CRE 10-2	1.5	6" ANSI	35.8	46.8	6.3	57.9	30.8	77.4	32.7	40x32x12	1174	1374	B
	CRE 10-3	3					57.9	33.3	77.4	32.7	40x32x12	1327	1527	B
	CRE 10-4	3					57.9	34.5	77.4	32.7	40x32x12	1340	1540	B
	CRE 10-5	5					57.9	37.8	77.4	32.7	40x32x12	1569	1769	B
	CRE 10-6	5					57.9	39.0	77.4	32.7	40x32x12	1583	1782	B
	CRE 10-8	7.5					57.9	41.7	77.4	32.7	40x32x12	1644	1844	B
	CRE 10-10	7.5					57.9	44.1	77.4	32.7	40x32x12	1697	1897	B

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.

Hydro MPC-E(CUE) BoosterpaQ with CR 10 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CR 10-2	1.5	2.5" NPT	33.5	36.4	6.3	60.0	26.7	26.0	36.0	48x36x16	307	545	C
	CR 10-3	3					60.0	33.2	26.0	36.0	48x36x16	379	625	C
	CR 10-4	3					60.0	34.4	26.0	36.0	48x36x16	384	629	C
	CR 10-5	5					60.0	37.8	26.0	36.0	48x36x16	418	664	C
	CR 10-6	5					60.0	39.0	26.0	36.0	48x36x16	423	668	C
	CR 10-8	7.5					75.0	41.7	26.0	48.0	63x48x20	529	947	C
	CR 10-10	7.5					75.0	44.1	26.0	48.0	63x48x20	547	964	C
3	CR 10-2	1.5	3" NPT	33.6	37.1	6.3	60.0	26.7	38.6	36.0	48x36x16	452	707	C
	CR 10-3	3					75.0	33.2	38.6	48.0	63x48x20	561	989	C
	CR 10-4	3					75.0	34.4	38.6	48.0	63x48x20	568	996	C
	CR 10-5	5					75.0	37.8	38.6	48.0	63x48x20	619	1047	C
	CR 10-6	5					75.0	39.0	38.6	48.0	63x48x20	626	1054	C
	CR 10-8	7.5					75.0	41.7	38.6	48.0	63x48x20	785	1228	C
	CR 10-10	7.5					75.0	44.1	38.6	48.0	63x48x20	812	1255	C
4	CR 10-2	1.5	4" ANSI	33.6	42.6	6.3	60.0	26.7	54.5	36.0	48x36x16	639	911	C
	CR 10-3	3					75.0	33.2	54.5	48.0	63x48x20	785	1233	C
	CR 10-4	3					75.0	34.4	54.5	48.0	63x48x20	794	1242	C
	CR 10-5	5					75.0	37.8	54.5	48.0	63x48x20	862	1311	C
	CR 10-6	5					75.0	39.0	54.5	48.0	63x48x20	871	1320	C
	CR 10-8	7.5					75.0	41.7	54.5	48.0	63x48x20	1084	1552	C
	CR 10-10	7.5					75.0	44.1	54.5	48.0	63x48x20	1119	1588	C
5	CR 10-2	1.5	4" ANSI	33.6	42.6	6.3	75.0	26.7	64.7	63.0	63x63x20	795	1375	C
	CR 10-3	3					75.0	33.2	64.7	63.0	63x63x20	978	1575	C
	CR 10-4	3					75.0	34.4	64.7	63.0	63x63x20	989	1586	C
	CR 10-5	5					75.0	37.8	64.7	63.0	63x63x20	1075	1672	C
	CR 10-6	5					75.0	39.0	64.7	63.0	63x63x20	1086	1683	C
	CR 10-8	7.5					83.0	41.7	64.7	71.0	71x71x20	1352	2054	C
	CR 10-10	7.5					83.0	44.1	64.7	71.0	71x71x20	1396	2098	C
6	CR 10-2	1.5	6" ANSI	35.8	46.8	6.3	83.0	26.7	77.4	71.0	71x71x20	970	1647	C
	CR 10-3	3					83.0	33.2	77.4	71.0	71x71x20	1189	1887	C
	CR 10-4	3					83.0	34.4	77.4	71.0	71x71x20	1202	1900	C
	CR 10-5	5					83.0	37.8	77.4	71.0	71x71x20	1305	2003	C
	CR 10-6	5					83.0	39.0	77.4	71.0	71x71x20	1319	2016	C
	CR 10-8	7.5					83.0	41.7	77.4	71.0	71x71x20	1638	2366	C
	CR 10-10	7.5					83.0	44.1	77.4	71.0	71x71x20	1691	2419	C

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.

Hydro MPC-F BoosterpaQ with CR 10 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CR 10-2	1.5	2.5" NPT	33.5	36.4	6.3	57.9	26.7	26.0	32.7	40x32x12	307	465	B
	CR 10-3	3					57.9	33.2	26.0	32.7	40x32x12	379	542	B
	CR 10-4	3					57.9	34.4	26.0	32.7	40x32x12	384	546	B
	CR 10-5	5					57.9	37.8	26.0	32.7	40x32x12	418	580	B
	CR 10-6	5					57.9	39.0	26.0	32.7	40x32x12	423	585	B
	CR 10-8	7.5					57.9	41.7	26.0	32.7	40x32x12	529	698	B
	CR 10-10	7.5					57.9	44.1	26.0	32.7	40x32x12	547	715	B
3	CR 10-2	1.5	3" NPT	33.6	37.1	6.3	57.9	26.7	38.6	32.7	40x32x12	452	624	B
	CR 10-3	3					57.9	33.2	38.6	32.7	40x32x12	561	737	B
	CR 10-4	3					57.9	34.4	38.6	32.7	40x32x12	568	743	B
	CR 10-5	5					57.9	37.8	38.6	32.7	40x32x12	619	795	B
	CR 10-6	5					57.9	39.0	38.6	32.7	40x32x12	626	802	B
	CR 10-8	7.5					57.9	41.7	38.6	32.7	40x32x12	785	968	B
	CR 10-10	7.5					57.9	44.1	38.6	32.7	40x32x12	812	995	B
4	CR 10-2	1.5	4" ANSI	33.6	42.6	6.3	57.9	26.7	54.5	32.7	47x32x12	639	853	B
	CR 10-3	3					57.9	33.2	54.5	32.7	47x32x12	785	1002	B
	CR 10-4	3					57.9	34.4	54.5	32.7	47x32x12	794	1011	B
	CR 10-5	5					57.9	37.8	54.5	32.7	47x32x12	862	1080	B
	CR 10-6	5					57.9	39.0	54.5	32.7	47x32x12	871	1089	B
	CR 10-8	7.5					57.9	41.7	54.5	32.7	47x32x12	1084	1309	B
	CR 10-10	7.5					57.9	44.1	54.5	32.7	47x32x12	1119	1344	B
5	CR 10-2	1.5	4" ANSI	33.6	42.6	6.3	57.9	26.7	64.7	32.7	47x32x12	795	1023	B
	CR 10-3	3					57.9	33.2	64.7	32.7	47x32x12	978	1208	B
	CR 10-4	3					57.9	34.4	64.7	32.7	47x32x12	989	1219	B
	CR 10-5	5					57.9	37.8	64.7	32.7	47x32x12	1075	1305	B
	CR 10-6	5					57.9	39.0	64.7	32.7	47x32x12	1086	1317	B
	CR 10-8	7.5					57.9	41.7	64.7	32.7	47x32x12	1352	1591	B
	CR 10-10	7.5					57.9	44.1	64.7	32.7	47x32x12	1396	1635	B
6	CR 10-2	1.5	6" ANSI	35.8	46.8	6.3	83.0	26.7	77.4	39.0	71x39x16	970	1358	C
	CR 10-3	3					83.0	33.2	77.4	39.0	71x39x16	1189	1580	C
	CR 10-4	3					83.0	34.4	77.4	39.0	71x39x16	1202	1594	C
	CR 10-5	5					83.0	37.8	77.4	39.0	71x39x16	1305	1697	C
	CR 10-6	5					83.0	39.0	77.4	39.0	71x39x16	1319	1710	C
	CR 10-8	7.5					83.0	41.7	77.4	39.0	71x39x16	1638	2038	C
	CR 10-10	7.5					83.0	44.1	77.4	39.0	71x39x16	1691	2091	C

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.

Hydro MPC-S BoosterpaQ with CR 10 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CR 10-2	1.5	2.5" NPT	33.5	36.4	6.3	57.9	26.7	50.4	N/A	24x24x8	307	383	A
	CR 10-3	3					57.9	33.2	50.4	N/A	24x24x8	379	456	A
	CR 10-4	3					57.9	34.4	50.4	N/A	24x24x8	384	460	A
	CR 10-5	5					57.9	37.8	50.4	N/A	24x24x8	418	495	A
	CR 10-6	5					57.9	39.0	50.4	N/A	24x24x8	423	499	A
	CR 10-8	7.5					57.9	41.7	50.4	N/A	24x24x8	529	606	A
	CR 10-10	7.5					57.9	44.1	50.4	N/A	24x24x8	547	624	A
3	CR 10-2	1.5	3" NPT	33.6	37.1	6.3	57.9	26.7	63.0	N/A	24x24x8	452	541	A
	CR 10-3	3					57.9	33.2	63.0	N/A	24x24x8	561	650	A
	CR 10-4	3					57.9	34.4	63.0	N/A	24x24x8	568	657	A
	CR 10-5	5					57.9	37.8	63.0	N/A	24x24x8	619	709	A
	CR 10-6	5					57.9	39.0	63.0	N/A	24x24x8	626	715	A
	CR 10-8	7.5					57.9	41.7	38.6	32.7	40x32x12	785	952	B
	CR 10-10	7.5					57.9	44.1	38.6	32.7	40x32x12	812	978	B
4	CR 10-2	1.5	4" ANSI	33.6	42.6	6.3	57.9	26.7	54.5	32.7	40x32x12	639	817	B
	CR 10-3	3					57.9	33.2	54.5	32.7	40x32x12	785	963	B
	CR 10-4	3					57.9	34.4	54.5	32.7	40x32x12	794	972	B
	CR 10-5	5					57.9	37.8	54.5	32.7	40x32x12	862	1041	B
	CR 10-6	5					57.9	39.0	54.5	32.7	40x32x12	871	1050	B
	CR 10-8	7.5					57.9	41.7	54.5	32.7	40x32x12	1084	1264	B
	CR 10-10	7.5					57.9	44.1	54.5	32.7	40x32x12	1119	1299	B
5	CR 10-2	1.5	4" ANSI	33.6	42.6	6.3	57.9	26.7	64.7	32.7	47x32x12	795	1015	B
	CR 10-3	3					57.9	33.2	64.7	32.7	47x32x12	978	1197	B
	CR 10-4	3					57.9	34.4	64.7	32.7	47x32x12	989	1208	B
	CR 10-5	5					57.9	37.8	64.7	32.7	47x32x12	1075	1294	B
	CR 10-6	5					57.9	39.0	64.7	32.7	47x32x12	1086	1305	B
	CR 10-8	7.5					57.9	41.7	64.7	32.7	47x32x12	1352	1572	B
	CR 10-10	7.5					57.9	44.1	64.7	32.7	47x32x12	1396	1616	B
6	CR 10-2	1.5	6" ANSI	35.8	46.8	6.3	57.9	26.7	77.4	32.7	47x32x12	970	1202	B
	CR 10-3	3					57.9	33.2	77.4	32.7	47x32x12	1189	1421	B
	CR 10-4	3					57.9	34.4	77.4	32.7	47x32x12	1202	1434	B
	CR 10-5	5					57.9	37.8	77.4	32.7	47x32x12	1305	1537	B
	CR 10-6	5					57.9	39.0	77.4	32.7	47x32x12	1319	1551	B
	CR 10-8	7.5					57.9	41.7	77.4	32.7	47x32x12	1638	1872	B
	CR 10-10	7.5					57.9	44.1	77.4	32.7	47x32x12	1691	1925	B

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.