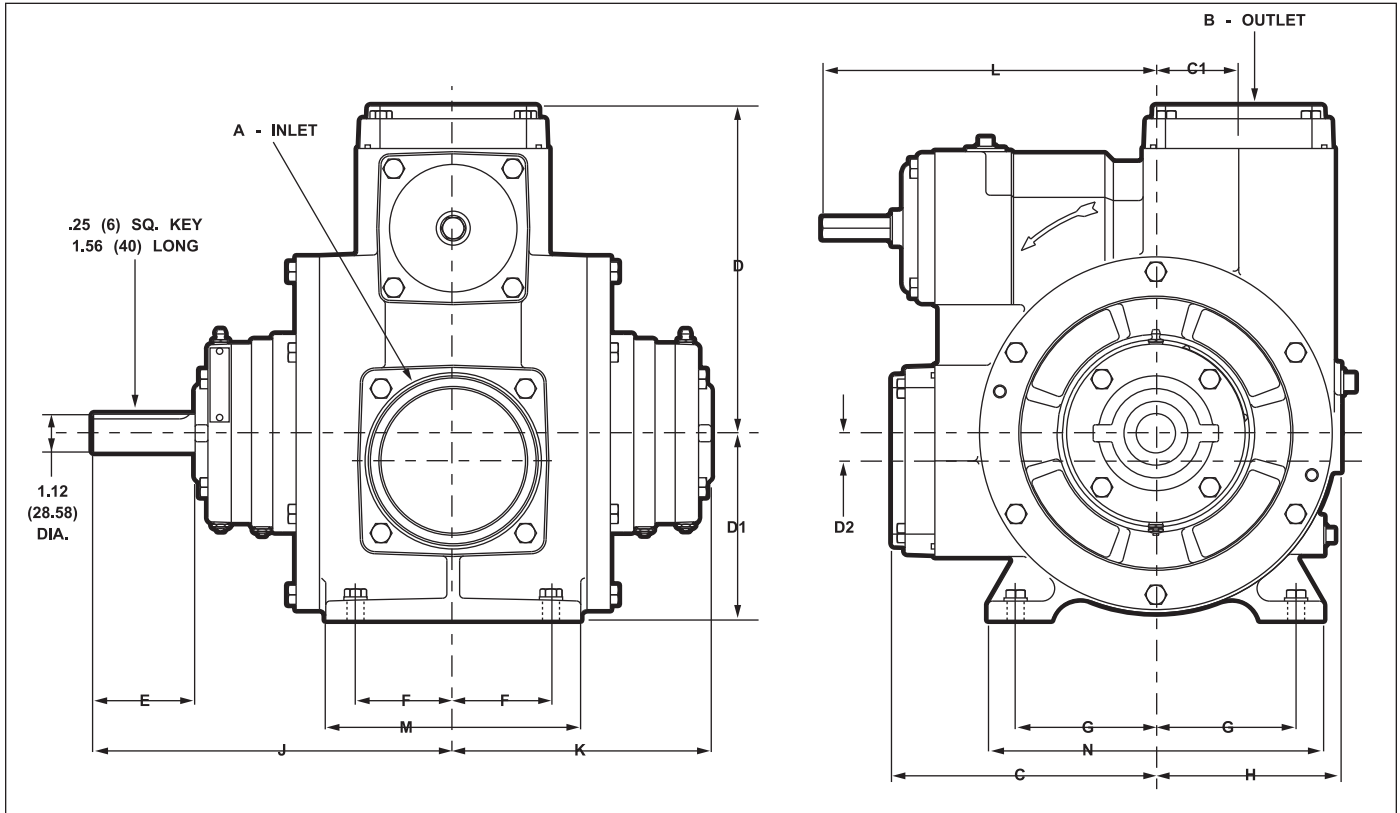


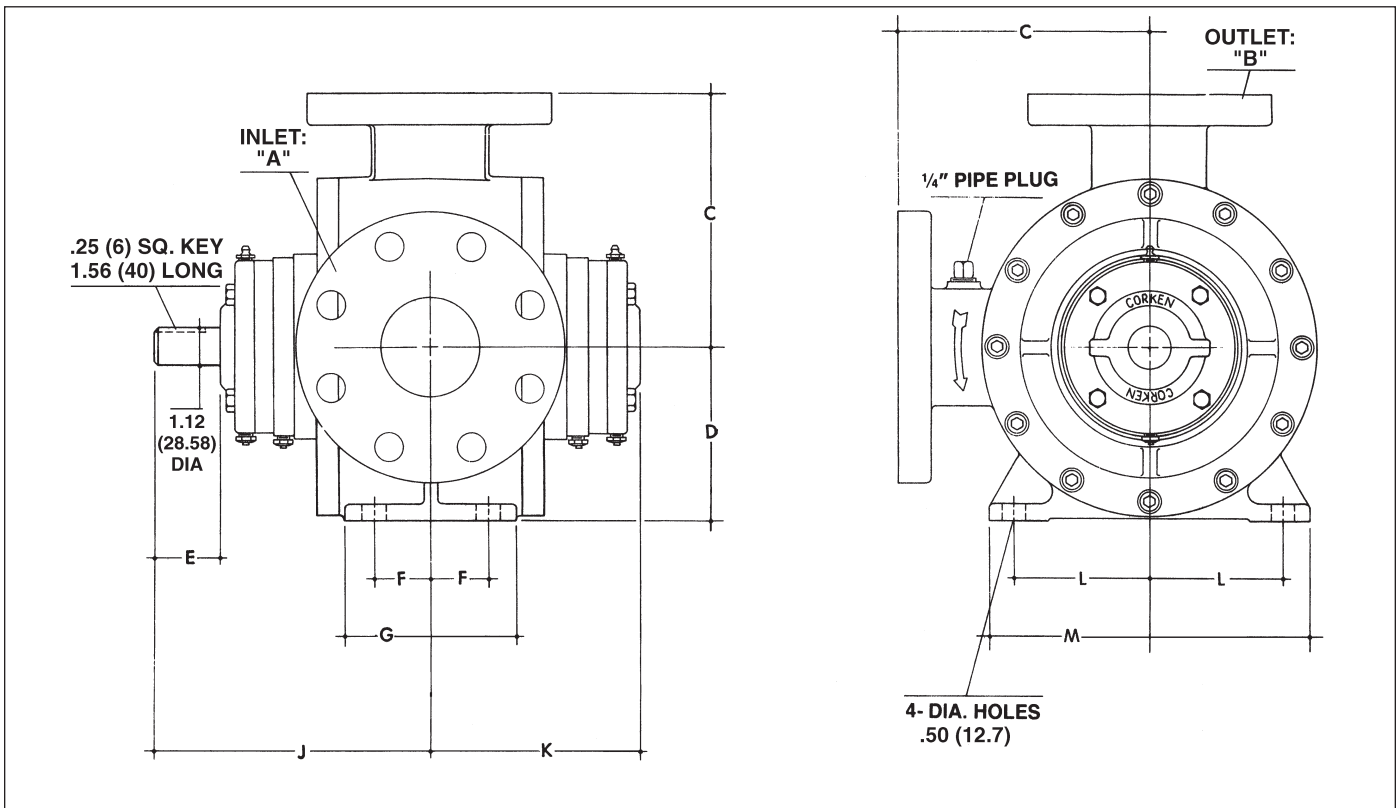
# Appendix D—Outline Dimensions for All CP-Series (CPBN) and CD-Series (CDBN) Models with NPT Flanges



Model	A Inlet	B Outlet	C	C1*	D	D1	D2*	E	F	G	H	J	K	L	M	N
CPBN0521	STD: 2" NPT OPT: 2-1/2" NPT 3" NPT	STD: 2" NPT OPT: 2-1/2" NPT 1-1/2" NPT	6.13 (157)	0 (0)	6.13 (157)	5.00 (127)	0 (0)	2.00 (51)	1.38 (35)	4.00 (102)	4.69 (119)	7.88 (200)	5.88 (149)	7.38 (187)	3.75 (95)	9.00 (229)
CPBN0721	STD: 2-1/2" NPT OPT: 3" NPT	STD: 2-1/2" NPT OPT: 2" NPT 3" NPT	5.62 (143)	1.16 (29)	5.75 (146)	4.56 (116)	0.81 (21)	2.00 (51)	1.50 (38)	3.38 (86)	4.56 (116)	8.69 (221)	6.69 (170)	10.19 (259)	4.50 (114)	8.19 (208)
CPBN1021	STD: 3" NPT OPT: 2-1/2" NPT	STD: 3" NPT OPT: 2" NPT 2-1/2" NPT	6.88 (175)	3.13 (79)	7.63 (194)	5.50 (140)	0 (0)	2.00 (51)	1.75 (44)	4.12 (105)	5.50 (140)	8.44 (214)	6.44 (164)	8.88 (225)	5.25 (133)	9.88 (251)
CPBN1321	STD: 4" NPT	STD: 3" NPT OPT: 4" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	3.00 (76)	2.88 (73)	4.12 (105)	5.38 (137)	10.62 (270)	7.62 (194)	9.38 (238)	7.50 (191)	9.88 (251)
CPBN1521	STD: 4" NPT	STD: 4" NPT OPT: 3" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	3.00 (76)	2.88 (73)	4.12 (105)	5.38 (137)	10.62 (270)	7.62 (194)	9.38 (238)	7.50 (191)	9.88 (251)
CDBN0521	STD: 2" NPT OPT: 2-1/2" NPT	STD: 2" NPT OPT: 2-1/2" NPT 1-1/2" NPT	6.13 (157)	0 (0)	6.13 (157)	5.00 (127)	0 (0)	2.00 (51)	1.38 (35)	4.00 (102)	4.69 (119)	7.88 (200)	5.88 (149)	7.38 (187)	3.75 (95)	9.00 (229)
CDBN1021	STD: 3" NPT OPT: 4" NPT	STD: 3" NPT OPT: 4" NPT	7.06 (179)	0 (0)	7.19 (183)	5.50 (140)	0 (0)	2.00 (51)	1.75 (44)	4.12 (105)	5.38 (137)	8.50 (216)	6.50 (165)	11.25 (286)	5.25 (133)	9.88 (251)
CDBN1321	STD: 4" NPT	STD: 3" NPT OPT: 4" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	3.00 (76)	2.88 (73)	4.12 (105)	5.38 (137)	10.62 (270)	7.62 (194)	9.38 (238)	7.50 (191)	9.88 (251)
CDBN1521	STD: 4" NPT	STD: 4" NPT OPT: 3" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	3.00 (76)	2.88 (73)	4.12 (105)	5.38 (137)	10.62 (270)	7.62 (194)	9.81 (249)	7.50 (191)	9.88 (251)

All dimensions are in inches (centimeters).

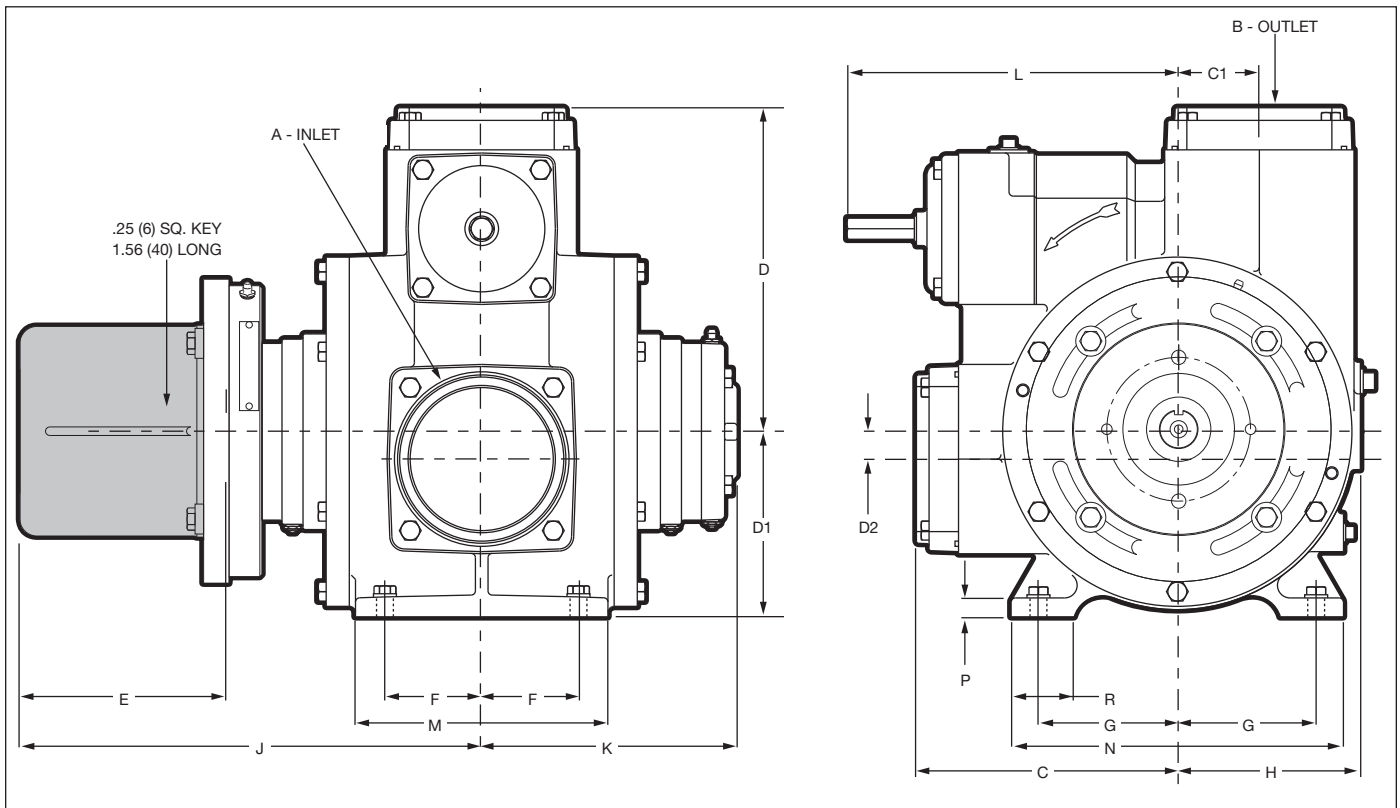
# Appendix D—Outline Dimensions for All CP-Series (CPBF) and CD-Series (CDBF) Models with ANSI Flanges



Model	A Inlet	B Outlet	C	D	E	F	G	J	K	L	M
CPBF0721	3" 300# ANSI	2" 300# ANSI	7.00 (178)	5.00 (127)	2.00 (51)	1.38 (35)	4.00 (102)	8.69 (221)	6.69 (170)	4.00 (102)	9.25 (235)
CPBF1021	3" 300# ANSI	2-1/2" 300# ANSI	7.75 (197)	5.50 (140)	2.00 (51)	1.75 (44)	5.25 (133)	8.50 (216)	6.50 (165)	4.12 (105)	9.88 (251)
CPBF1321	4" 300# ANSI	3" 300# ANSI	7.84 (199)	5.50 (140)	3.00 (76)	2.88 (73)	7.50 (191)	10.62 (270)	7.62 (194)	4.12 (105)	9.88 (251)
CPBF1521	4" 300# ANSI	3" 300# ANSI	7.84 (199)	5.50 (140)	3.00 (76)	2.88 (73)	7.50 (191)	10.62 (270)	7.62 (194)	4.12 (105)	9.88 (251)
CDBF1021	3" 300# ANSI	2-1/2" 300# ANSI	7.75 (197)	5.50 (140)	2.00 (51)	1.75 (44)	5.25 (133)	8.50 (216)	6.50 (165)	4.12 (105)	9.88 (251)
CDBF1321	4" 300# ANSI	3" 300# ANSI	7.84 (199)	5.50 (140)	3.00 (76)	2.88 (73)	7.50 (191)	10.62 (270)	7.62 (194)	4.12 (105)	9.88 (251)
CDBF1521	4" 300# ANSI	3" 300# ANSI	7.84 (199)	5.50 (140)	3.00 (76)	2.88 (73)	7.50 (191)	10.62 (270)	7.62 (194)	4.12 (105)	9.88 (251)

All dimensions are in inches (centimeters).

# Appendix D—Outline Dimensions for All CP-Series (CPHN) and CD-Series (CDHN) Hydraulic Drive Models with NPT Flanges

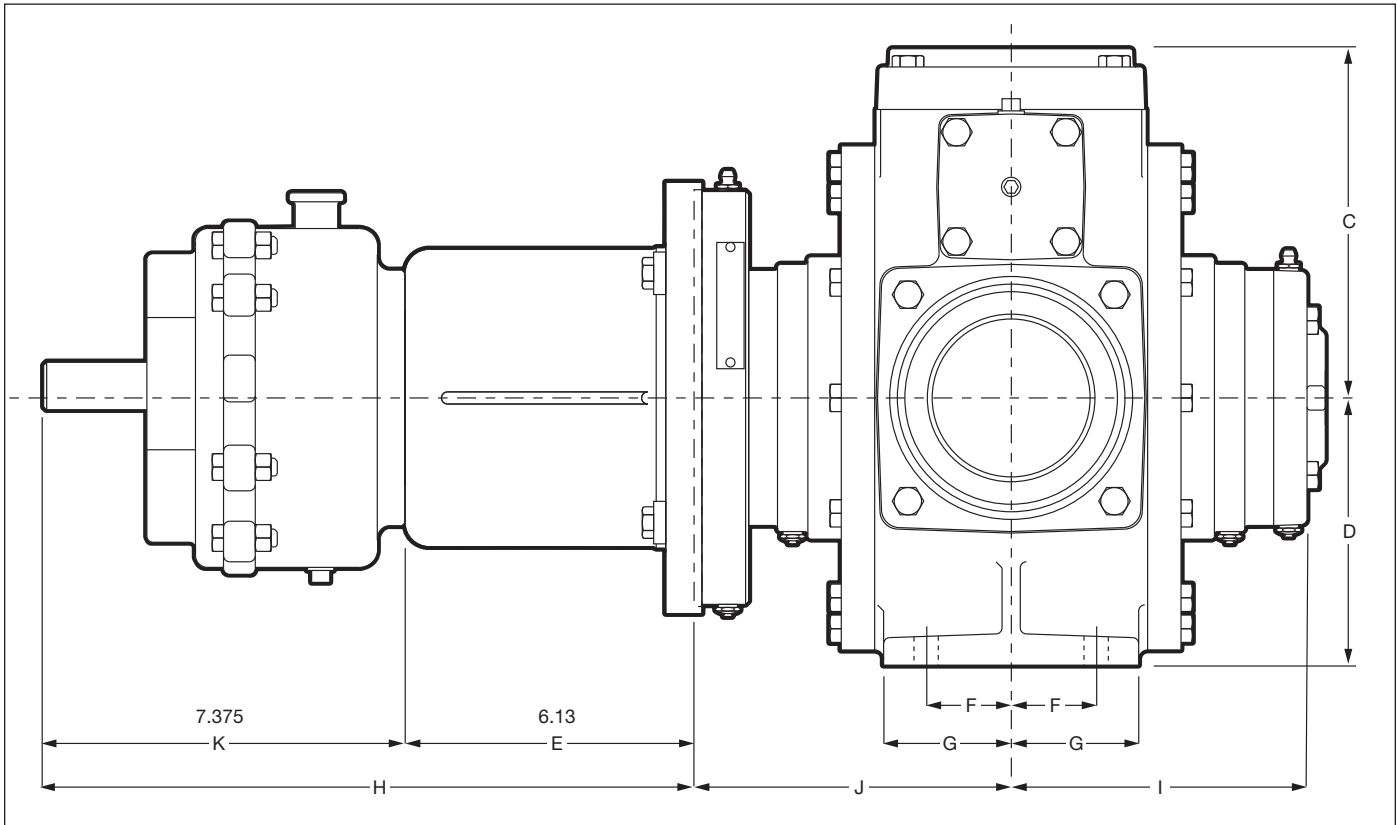


Model	A Inlet	B Outlet	C	C1 <sup>a</sup>	D	D1	D2 <sup>a</sup>	E	F	G	H	J	K	L	M	N
CPHN0521	STD: 2" NPT OPT: 2-1/2" NPT 3" NPT	STD: 2" NPT OPT: 2-1/2" NPT 1-1/2" NPT	6.13 (157)	0 (0)	6.13 (157)	5.00 (127)	0 (0)	6.13 (157)	1.38 (35)	4.00 (102)	4.69 (119)	12.00 (305)	5.88 (149)	7.38 (187)	3.75 (95)	9.00 (229)
CPHN0721	STD: 2-1/2" NPT OPT: 3" NPT	STD: 2-1/2" NPT OPT: 2" NPT	5.62 (143)	1.16 (29)	5.75 (146)	4.56 (116)	0.81 (21)	6.13 (157)	1.50 (38)	3.38 (86)	4.56 (116)	12.81 (325)	6.69 (170)	10.19 (259)	4.50 (114)	8.19 (208)
CPHN1021	STD: 3" NPT OPT: 2-1/2" NPT	STD: 3" NPT OPT: 2-1/2" NPT 2" NPT	6.88 (175)	3.13 (79)	7.63 (194)	5.50 (140)	0 (0)	6.13 (157)	1.75 (44)	4.12 (105)	5.50 (140)	12.56 (319)	6.44 (164)	8.88 (225)	5.25 (133)	9.88 (251)
CPHN1321	STD: 4" NPT	STD: 3" NPT OPT: 4" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	6.13 (157)	2.88 (73)	4.12 (105)	5.38 (137)	13.75 (349)	7.62 (194)	9.38 (238)	7.50 (191)	9.88 (251)
CPHN1521	STD: 4" NPT	STD: 4" NPT OPT: 3" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	6.13 (157)	2.88 (73)	4.12 (105)	5.38 (137)	13.75 (349)	7.62 (194)	9.38 (238)	7.50 (191)	9.88 (251)
CDHN0521	STD: 2" NPT OPT: 2-1/2" NPT	STD: 2" NPT OPT: 2-1/2" NPT 1-1/2" NPT	6.13 (157)	0 (0)	6.13 (157)	5.00 (127)	0 (0)	6.13 (157)	1.38 (35)	4.00 (102)	4.69 (119)	12.00 (305)	5.88 (149)	7.38 (187)	3.75 (95)	9.00 (229)
CDHN1021	STD: 3" NPT OPT: 4" NPT	STD: 3" NPT OPT: 4" NPT	7.06 (179)	0 (0)	7.19 (183)	5.50 (140)	0 (0)	6.13 (157)	1.75 (44)	4.12 (105)	5.38 (137)	12.63 (321)	6.50 (165)	11.25 (286)	5.25 (133)	9.88 (251)
CDHN1521	STD: 4" NPT	STD: 4" NPT OPT: 3" NPT	7.75 (197)	2.44 (62)	9.62 (244)	5.50 (140)	0.81 (21)	6.13 (157)	2.88 (73)	4.12 (105)	5.38 (137)	13.75 (349)	7.62 (194)	9.81 (249)	7.50 (191)	9.88 (251)

<sup>a</sup> For some models C1 and D2 will be 0. This denotes that the suction and/or discharge flange will be centered with the shaft.

All dimensions are in inches (centimeters).

## Appendix D—Outline Dimensions for All CP- & CD-Series Hydraulic Drive Models with Integral Gear and NPT Flanges



Model	A Inlet	B Outlet	C	D	E	F	G	H	I	J	K
CPHN0521	STD: 2" NPT OPT: 2-1/2" NPT 3" NPT	STD: 2" NPT OPT: 2-1/2" NPT 1-1/2" NPT	6.13 (157)	5.00 (127)	6.13 (157)	1.38 (35)	1.88 (48)	13.50 (343)	5.88 (149)	5.88 (149)	7.38 (187)
CPHN0721	STD: 2-1/2" NPT OPT: 3" NPT	STD: 2-1/2" NPT OPT: 2" NPT	5.75 (146)	4.56 (116)	6.13 (157)	1.50 (38)	2.25 (57)	13.50 (343)	6.69 (170)	6.69 (170)	7.38 (187)
CPHN1021	STD: 3" NPT OPT: 2-1/2" NPT	STD: 3" NPT OPT: 2-1/2" NPT 2" NPT	7.63 (194)	5.50 (140)	6.13 (157)	1.75 (44)	2.63 (67)	13.50 (343)	6.50 (165)	6.44 (164)	7.38 (187)
CPHN1321	STD: 4" NPT	STD: 3" NPT OPT: 4" NPT	9.62 (244)	5.50 (140)	6.13 (157)	2.88 (73)	3.75 (95)	13.50 (343)	7.62 (194)	7.62 (194)	7.38 (187)
CPHN1521	STD: 4" NPT	STD: 3" NPT OPT: 3" NPT	9.62 (244)	5.50 (140)	6.13 (157)	2.88 (73)	3.75 (95)	13.50 (343)	7.62 (194)	7.62 (194)	7.38 (187)
CPHF0721	STD: 3" 300#	STD: 2" 300#	7.00 (178)	4.56 (116)	6.13 (157)	1.38 (35)	2.25 (57)	13.50 (343)	6.69 (170)	6.69 (170)	7.38 (187)
CPHF1021	STD: 3" 300#	STD: 2-1/2" 300#	7.75 (197)	5.50 (140)	6.13 (157)	1.75 (44)	2.63 (67)	13.50 (343)	6.50 (165)	6.44 (164)	7.38 (187)
CPHF1521	STD: 4" 300#	STD: 3" 300#	7.84 (199)	5.50 (140)	6.13 (157)	2.88 (73)	3.75 (95)	13.50 (343)	7.62 (194)	7.62 (194)	7.38 (187)
CPHF1321	STD: 4" 300#	STD: 3" 300#	9.62 (244)	5.50 (140)	6.13 (157)	2.88 (73)	3.75 (95)	13.50 (343)	7.62 (194)	7.62 (194)	7.38 (187)
CDHN0521	STD: 2" NPT OPT: 2-1/2" NPT	STD: 2" NPT OPT: 2-1/2" NPT 1-1/2" NPT	6.13 (157)	5.00 (127)	6.13 (157)	1.38 (35)	1.88 (48)	13.50 (343)	5.88 (149)	5.88 (149)	7.38 (187)
CDHN1021	STD: 3" NPT OPT: 4" NPT	STD: 3" NPT OPT: 4" NPT	7.19 (183)	5.50 (140)	6.13 (157)	1.75 (44)	2.63 (67)	13.50 (343)	6.50 (165)	6.50 (165)	7.38 (187)
CDHN1521	STD: 4" NPT	STD: 4" NPT OPT: 3" NPT	9.62 (244)	5.50 (140)	6.13 (157)	2.88 (73)	3.75 (95)	13.50 (343)	7.62 (194)	7.62 (194)	7.38 (187)

All dimensions are in inches (centimeters).