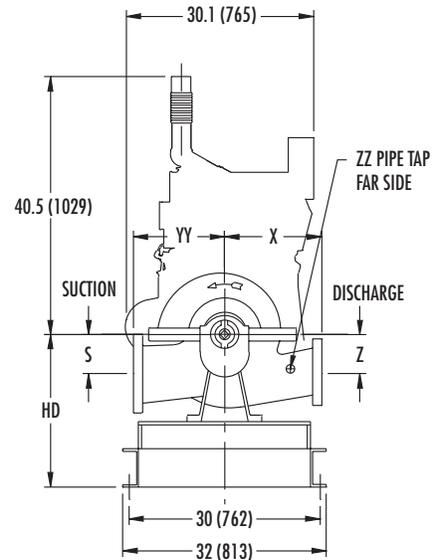
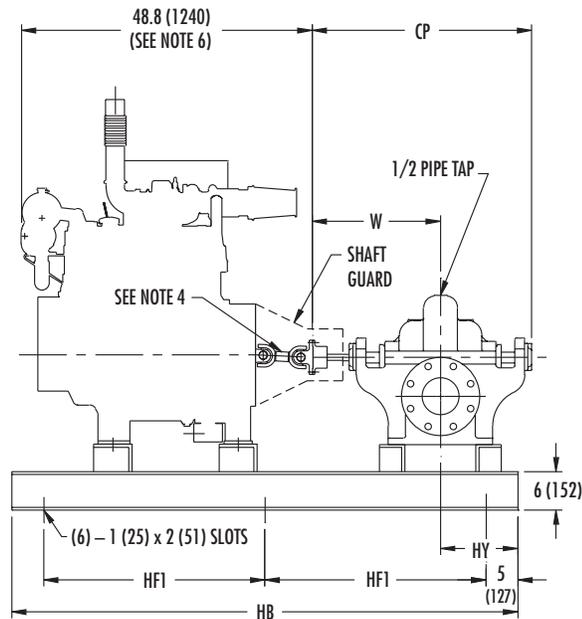


AURORA MODELS 481, 491 & 492

SINGLE STAGE FIRE PUMPS

CLARKE MODEL JU4H-UF10/12/14 & JU4H-UF20/22/24

DIESEL DRIVE



STANDARD * 125# SUCTION AND DISCHARGE FLANGES				OPTIONAL* 125# SUCTION FLANGE, 250# DISCHARGE FLANGE				OPTIONAL 250# SUCTION AND DISCHARGE FLANGES							
PUMP SIZE		CASE BORE	SUCTION	POWER SERIES	S	W	X	Z	CP	YY	ZZ	HB	HD	HF1	HY
DISCH	MODEL														
3	481	10	4	2	4.5 (114)	13.5 (343)	10 (254)	4.5 (114)	24 (610)	11 (279)	1.25	78 (1981)	20 (508)	34 (864)	15.5 (394)
4	481	11A/C	5	3	5 (127)	14.5 (368)	11.25 (286)	5 (127)	26 (660)	12.75 (324)	1.25	78 (1981)	20 (508)	34 (864)	16.5 (419)
4	481	11D	5	3	5 (127)	14.5 (368)	10.5 (305)	5 (127)	26 (660)	12.75 (324)	1.25	78 (1981)	20 (508)	34 (864)	16.5 (419)
4	481	15	5	3	5.5 (140)	14.5 (368)	13 (330)	5.5 (140)	26 (660)	14 (356)	1.25	78 (1981)	20 (508)	34 (864)	15.5 (394)
4	491	8A	6	N/A	5.75 (146)	14.63 (372)	10 (250)	5.5 (140)	25.94 (659)	11.25 (286)	.75	78 (1981)	20 (508)	34 (864)	15.38 (391)
4	491	14C	6	N/A	6.88 (175)	17.63 (448)	13 (330)	8.38 (213)	31.69 (805)	15.25 (387)	.75	88 (2235)	20 (508)	39 (991)	22.38 (568)
4	492	14	5	N/A	7.38 (187)	18.38 (467)	13.5 (343)	7.38 (187)	33.19 (843)	14 (356)	.75	78 (1981)	20 (508)	34 (864)	11.63 (295)
5	481	11C/D	6	4	5.5 (140)	16 (406)	11.25 (286)	5.5 (140)	28.5 (724)	13.25 (337)	1.25	78 (1981)	20 (508)	34 (864)	14 (356)
5	481	15	6	4	6.25 (159)	16 (406)	13.25 (337)	6.25 (159)	28.5 (724)	15 (381)	1.25	78 (1981)	20 (508)	34 (864)	14 (356)
6	481	11	8	4	6.25 (159)	16 (406)	11.75 (298)	6.25 (159)	28.5 (724)	14.5 (368)	1.25	78 (1981)	21 (533)	34 (864)	14 (356)
6	481	11HH	8	4A	8.63 (219)	18.13 (461)	10 (254)	8.63 (219)	32.88 (835)	15 (381)	1.25	78 (1981)	23 (584)	34 (864)	11.88 (302)
6	481	14HH	8	5A	7.5 (191)	20.44 (519)	15 (381)	7.5 (191)	36.75 (933)	17 (432)	1.25	88 (2235)	23 (584)	39 (991)	19.56 (497)
6	491	12A	6	N/A	6.88 (175)	16.63 (422)	20.5 (521)	7.13 (181)	29.69 (754)	14 (356)	1	78 (1981)	23 (584)	34 (864)	13.38 (340)
8	481	12	10	5	8 (203)	18 (457)	17 (432)	9 (229)	32 (813)	17.75 (451)	1.25	78 (1981)	23 (584)	34 (864)	12 (305)

NOTES

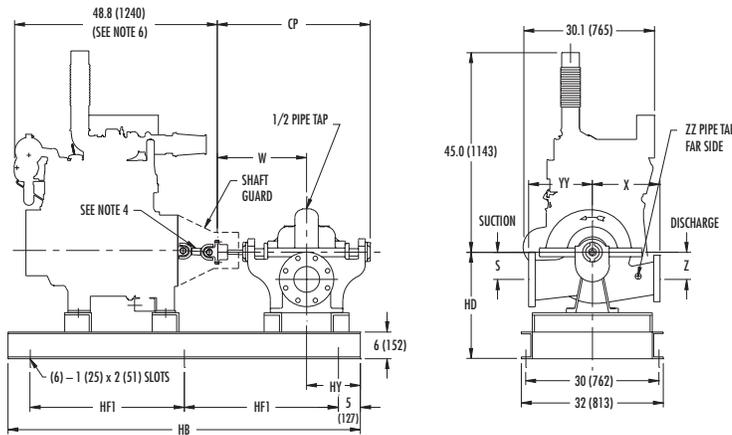
- All dimensions are in inches (mm).
- Dimensions may vary $\pm 3/8"$ (9).
- Not for construction purposes unless certified.
- The drive shaft is not designed to operate at 0° angle. The engine crankshaft is to be parallel offset .35 ± .15 above the pump shaft. The engine crankshaft may be parallel offset from the pump shaft .35 right or left. Refer to the engine manual for alignment instructions.
- Pump suction and discharge flanges are ANSI Standard flat face.
- Refer to individual engine dimension print for reference point used to determine engine overall length.
- Left hand (CCW) rotation not available.

* Standard flanges for 6-491-12A, 6-481-11HH & 6-481-14HH are 125# suction, 250 # discharge.

AURORA MODELS 481, 491 & 492

SINGLE STAGE FIRE PUMPS

CLARKE MODEL JU4H-UF30/32/34, JU4H-UF40/42/44
& JU4H-UF50/52/54, JU4H-UF58, JU4H-UFHO, JU4H-UFH2 & JU4H-UFH8
DIESEL DRIVE



STANDARD *			OPTIONAL*				OPTIONAL								
125# SUCTION AND DISCHARGE FLANGES			125# SUCTION FLANGE, 250# DISCHARGE FLANGE				250# SUCTION AND DISCHARGE FLANGES								
PUMP SIZE			SUCTION	POWER SERIES	S	W	X	Z	CP	YY	ZZ	HB	HD	HF1	HY
DISCH	MODEL	CASE BORE													
4	481	11A/C D	5	3	5 (127)	14.5 (368)	11.25 (286) 12 (305)	5 (127)	26 (660)	12.75 (324)	1.25	78 (1981)	20 (508)	34 (864)	15.5 (394)
4	481	15	5	3	5.5 (140)	14.5 (368)	13 (330)	5.5 (140)	26 (660)	14 (356)	1.25	78 (1981)	20 (508)	34 (864)	15.5 (394)
4	491	14C	6	N/A	6.88 (175)	17.63 (448)	13 (330)	8.38 (213)	31.69 (805)	15.25 (387)	.75	88 (2235)	20 (508)	39 (991)	22.38 (568)
4	492	14	5	N/A	7.38 (187)	18.38 (467)	13.5 (343)	7.38 (187)	33.19 (843)	14 (356)	.75	78 (1981)	20 (508)	34 (864)	11.63 (295)
4	492	18	5	N/A	9.5 (241)	18.38 (467)	14 (356)	9.5 (241)	33.25 (845)	14 (356)	.75	88 (2235)	22 (559)	39 (991)	21.63 (549)
5	481	11	6	4	5.5 (140)	16 (406)	11.25 (286)	5.5 (140)	28.5 (724)	13.25 (337)	1.25	78 (1981)	20 (508)	34 (864)	14 (356)
5	481	15	6	4	6.25 (159)	16 (406)	13.25 (337)	6.25 (159)	28.5 (724)	15 (381)	1.25	78 (1981)	20 (508)	34 (864)	14 (356)
5	481	17	6	4	6.25 (159)	16 (406)	14 (356)	6.25 (159)	28.5 (724)	15 (381)	1.25	78 (1981)	20 (508)	34 (864)	14 (356)
5	491	14A	8	N/A	8.25 (210)	17.63 (448)	13.5 (343)	9.75 (248)	31.69 (805)	17.25 (438)	1	88 (2235)	23 (584)	39 (991)	22.38 (568)
5	491	18A	8	N/A	8.13 (207)	18.88 (480)	15 (381)	10.63 (270)	33.38 (848)	18.75 (476)	1	88 (2235)	23 (584)	39 (991)	21.13 (537)
6	481	11	8	4	6.25 (159)	16 (406)	11.75 (298)	6.25 (159)	28.5 (724)	14.5 (368)	1.25	78 (1981)	21 (533)	34 (864)	14 (356)
6	481	11HH	8	4A	8.63 (219)	18.13 (461)	10 (254)	8.63 (219)	32.88 (835)	15 (381)	1.25	78 (1981)	23 (584)	34 (864)	11.88 (302)
6	481	14HH	8	5A	7.5 (191)	20.44 (519)	15 (381)	7.5 (191)	36.75 (933)	17 (432)	1.25	88 (2235)	23 (584)	39 (991)	19.56 (497)
6	481	15	8	5	6.75 (171)	18 (457)	14.25 (362)	6.75 (171)	32 (813)	16.75 (425)	1.25	78 (1981)	21 (533)	34 (864)	12 (305)
6	481	18B/C	8	5	8 (203)	18 (457)	16 (406)	8 (203)	32 (813)	18 (457)	1.25	78 (1981)	22 (559)	34 (864)	12 (305)
6	491	12A	6	N/A	6.88 (175)	16.63 (422)	20.5 (521)	7.13 (181)	29.69 (754)	14 (356)	1	78 (1981)	23 (584)	34 (864)	13.38 (340)
6	491	14	10	N/A	9.38 (238)	20.13 (511)	13.25 (337)	10 (254)	35.88 (911)	18 (457)	1	88 (2235)	25 (635)	39 (991)	19.88 (505)
8	481	12	10	5	8 (203)	18 (457)	17 (432)	9 (229)	32 (813)	17.75 (451)	1.25	78 (1981)	24 (610)	34 (864)	12 (305)
8	481	17B	10	5	8 (203)	18 (457)	17 (432)	9 (229)	32 (813)	17.75 (451)	1.25	78 (1981)	24 (610)	34 (864)	12 (305)

NOTES

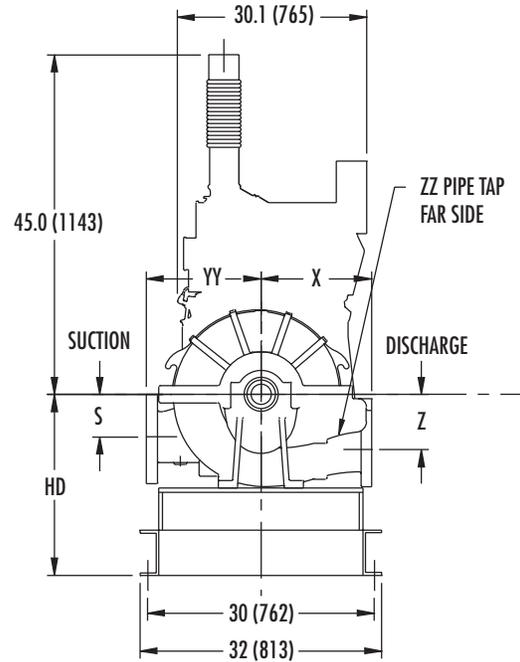
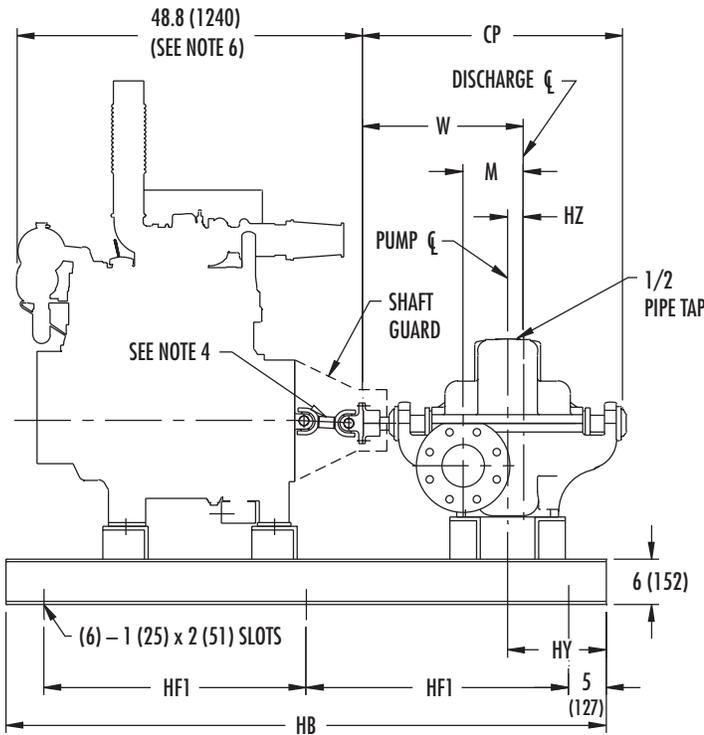
- All dimensions are in inches (mm).
- Dimensions may vary $\pm 3/8"$ (9).
- Not for construction purposes unless certified.
- The drive shaft is not designed to operate at 0° angle. The engine crankshaft is to be parallel offset .35 \pm .15 above the pump shaft. The engine crankshaft may be parallel offset from the pump shaft .35 right or left. Refer to the engine manual for alignment instructions.
- Pump suction and discharge flanges are ANSI Standard flat face.
- Refer to individual engine dimension print for reference point used to determine engine overall length.
- Left hand (CCW) rotation not available.

* Standard flanges for 6-491-12A, 6-481-11HH & 6-481-14HH are 125# suction, 250 # discharge.

AURORA MODEL 485

TWO STAGE FIRE PUMPS

CLARKE MODEL JU4H-UF50/52/58 DIESEL DRIVE



PUMP SIZE		STANDARD 125# SUCTION AND 250# DISCHARGE FLANGE		OPTIONAL 250# SUCTION AND DISCHARGE FLANGES													
DISCH	MODEL	CASE BORE	SUCTION	POWER SERIES	M	S	W	X	Z	CP	YY	ZZ	HB	HD	HF1	HY	HZ
4	485	15	5	3	7.13 (181)	5 (127)	18.88 (480)	13 (330)	6.5 (165)	31 (787)	13.5 (343)	1-1/4	78 (1981)	20 (508)	34 (864)	13 (330)	1.88 (48)

NOTES

1. All dimensions are in inches (mm).
2. Dimensions may vary $\pm 3/8"$ (9).
3. Not for construction purposes unless certified.
4. The drive shaft is not designed to operate at 0° angle. The engine crankshaft is to be parallel offset .35 \pm .15 above the pump shaft. The engine crankshaft may be parallel offset from the pump shaft .35 right or left. Refer to the engine manual for alignment instructions.
5. Pump suction and discharge flanges are ANSI Standard flat face.
6. Refer to individual engine dimension print for reference point used to determine engine overall length.
7. Left hand (CCW) rotation not available.