

A-C FIRE PUMP SYSTEMS
 DIMENSIONS – CUMMINS FIRE POWER
 ENGINE MODEL – CFP15E SERIES TIER 3
 HORIZONTAL SPLIT CASE – 8100 & 9100 SERIES

FP 2.3

C037116

AUG 11

ALL DIMENSIONS IN INCHES

SUPERSEDES ALL PREVIOUS ISSUES

	PUMP	ENGINE	"A"	"B"	"B1"	"B2"	"C"	"D"	"F"	"H"	"J"	"L"	"M"	"R&U"	"BB"	"CC"	"W"
⑦	10x8x20F 8100	CFP15E-F10 THRU F40	130.15	17.44	78.09	57.32	17	22.56	35.13	20	40.29	20	18	14	138	42	15.91
		CFP15E-F50 THRU F70	130.15	17.44	78.09	59.62	17	22.56	35.13	20	44.53	20	18	14	138	42	17.42
⑦	12x10x18F 8100	CFP15E-F10 THRU F40	130.15	17.44	78.09	57.32	17	22.56	35.13	18	40.29	20	18	11	138	42	15.91
		CFP15E-F50 THRU F70	130.15	17.44	78.09	59.62	17	22.56	35.13	18	44.53	20	18	11	138	42	17.42

	PUMP	ENGINE	"A"	"B"	"B1"	"B2"	"C"	"D"	"F"	"H"	"J"	"L"	"M"	"R&U"	"BB"	"CC"	"W"
⑦	12x8x21F 9100	CFP15E-F10 THRU F40	140.59	11.75	78.09	57.32	21.75	28.25	35.13	19	40.29	21	21	12	138	42	15.91
		CFP15E-F50 THRU F70	140.59	11.75	78.09	59.62	21.75	28.25	35.13	19	44.53	21	21	12	138	42	17.42
⑦	12x8x22F-M 9100	CFP15E-F10 THRU F40	140.59	11.75	78.09	57.32	21.75	28.25	35.13	19	40.29	21	21	12	138	42	15.91
		CFP15E-F50 THRU F70	140.59	11.75	78.09	59.62	21.75	28.25	35.13	19	44.53	21	21	12	138	42	17.42
⑦	14x10x20F 9100	CFP15E-F10 THRU F40	144.84	9.50	78.09	57.32	23.75	30.50	35.13	21	40.29	21	19	13	138	42	15.91
		CFP15E-F50 THRU F70	144.84	9.50	78.09	59.62	23.75	30.50	35.13	21	44.53	21	19	13	138	42	17.42
⑦	16x12x23F 9100	CFP15E-F10 THRU F40	144.84	9.50	78.09	57.32	23.75	30.50	35.13	23	40.29	25	25	14	138	42	15.91
		CFP15E-F50 THRU F70	144.84	9.50	78.09	59.62	23.75	30.50	35.13	23	44.53	25	25	14	138	42	17.42

NOTES

- All dimensions are inches ± .125" tolerance unless otherwise specified.
 Caution
 The UL listed drive shaft is not designed to operate at 0° angle.
 The UL listing covers 2° ±1°.
 Refer to the engine manual for alignment
- Suction and discharge connections per ANSI B16.1. Holes in flanges straddle center line .
- Base plate setting (before piping), grouting procedures, and final alignment must be in accordance with A-C Fire Pump Systems recommended procedures outlined in the Instruction Manual associated with this pump type.
- Both suction and discharge pipes must be supported independently near the pump to reduce strain on the pump casing. Also expansion joints, if used must not exert force on the casing.
- Coupling guard to meet ANSI/OSHA requirements.
- Heater voltage requirements: 120 VAC, 240 VAC optional.
 Do not energize until engine coolant has been installed.
- These units are available in both standard and high working pressures. Unit is denoted with an "H" prefix when specifying high working pressures. Example H6x4x11F. Refer to engineering data for actual working pressure values. High pressure pumps have 250 F.F. flanges per B16.1 unless noted.

NOT FOR CONSTRUCTION, INSTALLATION OR APPLICATION PURPOSES UNLESS CERTIFIED.								
CERTIFIED FOR:							APPROVAL	
							UL <input type="checkbox"/> FM <input type="checkbox"/> ULC <input type="checkbox"/>	
CUSTOMER ORDER NO:			IDENTIFICATION NO:				FLANGES	
PUMP DATA	SIZE	MODEL	CURVE NO.	GPM	HEAD (FT.)	ROTATION	SUCTION	DISCHARGE
						CW		
ENGINE DATA	MAKE	MODEL	HP	RPM	VOLTAGE	POLARITY	MAX ALTITUDE	
	CUMMINS					NEG.		
SHOP ORDER:			CERTIFIED BY:			TOTAL WEIGHT		DATE: