



WHITE KNIGHT™

Ordering Instructions PLF30

White Knight Pumps have many options and configurations to make them as versatile as possible for our customers. With this versatility comes the trouble of a part numbering system that makes it reasonably easy to order pumps, retrieve part numbers and recognize the numbers as pumps are in the field. For this reason, we have devised the following part numbering system.

All White Knight pump part numbers will begin with the model number (in this case PLF30). The prefix will then be followed by a series of letters (numbers were used in the previous randomly selected part numbers so letters are used now to avoid confusion). Each letter will designate the configuration of a certain part of the pump.

The following is a list of those areas, their options, and the letter specifying the specific option. Choose an option for each of the 7 spaces and add the appropriate value to the Pump List Price. The standard dash letters are in large bold type.

PLF30-_____-

Area:	Option:	Letter:
Liquid Inlet Configuration (first letter of suffix)	Front, Straight	A
	Front, Ell	B
	Front Straight Catcher II Prefilter	C
Liquid Outlet Configuration (second letter)	Front, Straight	A
	Front, Ell	B
	Top, Straight	C
	Top, Ell	D
Liquid Inlet Connection Style (third letter)	1/2" Synchro-Flare®	A
	1/4" Flaretek® Compatible	B
	3/4" Synchro-Flare®	C
	1/4" fnpt	D
	1/2" fnpt	E
	3/4" fnpt	F
	3/8" Kurabo Finalock® *	J
	1/2" Kurabo Finalock® *	K
3/4" Kurabo Finalock® *	L	
1/4" Tubing Out	M	

1/2" Tubing Out	N
3/4" Tubing Out	O
Blank	P

(This is not an NPT or any other standard. A fitting provided by White Knight Fluid Handling, INC is required in order to make any connection to the pump)

3/8" Synchro Flare	Q
3/8" Flaretek® Compatible	R
1/2" Flaretek® Compatible	S
3/4" Flaretek® Compatible	T
3/8" Tubing Out	U
1/2" PureBond®	V
3/4" PureBond®	W
3/8" fnpt	X
1/2" Pillar Super 300®	Y
3/4" Pillar Super 300®	Z

*These options require the appropriate nut and ferrule and are NOT supplied by White Knight Fluid Handling, INC

Liquid Outlet Connection Style
(fourth letter)

1/2" Synchro-Flare®	A
1/4" Flaretek® Compatible	B
3/4" Synchro-Flare®	C
1/4" fnpt	D
1/2" fnpt	E
3/4" fnpt	F
3/8" Kurabo Finalock® *	J
1/2" Kurabo Finalock® *	K
3/4" Kurabo Finalock® *	L
1/4" Tubing Out	M
1/2" Tubing Out	N
3/4" Tubing Out	O
Blank	P

(This is not an NPT or any other standard. A fitting provided by White Knight Fluid Handling, INC is required in order to make any connection to the pump)

3/8" Synchro Flare®	Q
3/8" Flaretek® Compatible	R
1/2" Flaretek® Compatible	S
3/4" Flaretek® Compatible	T
3/8" Tubing Out	U
1/2" PureBond®	V
3/4" PureBond®	W
3/8" fnpt	X
1/2" Pillar Super 300®	Y
3/4" Pillar Super 300®	Z

*These options require the appropriate nut and ferrule and are NOT supplied by White Knight Fluid Handling, INC

Stroke Detection
(Fifth letter)

Dual Fiber Optic (No probe/sensors)	A
Dual Fiber Optic (PNP) Sourcing	B

Dual Fiber Optic (NPN) Sinking	C
Dual Fiber Optic (No sensors)	D
Single Probe Dual Detect (No probe/sensors)	E
Single Probe Dual Detect (PNP) Sourcing	F
Single Probe Dual Detect (NPN) Sinking	G
Single Probe Dual Detect (No sensors)	H
¹ (Should not be used for explosion proof environment)	

Leak Detection

(Sixth letter)

No Leak Detection **A**

Fiber Optic (PNP) Sourcing	B
Fiber Optic (NPN) Sinking	C
Fiber Optic (No sensors)	D
Conductivity ¹	E

¹(Should not be used for explosion proof environment)

Pulse Dampener

(Seventh letter)

No Pulse Dampener **A**

SS50 (Air-run) Pump mount	B
SS50 (Air-run) In-line ¹	C

¹(fittings same as pump outlet)

Old rev level

(Eighth letter optional)

Specify rev level **A**

(This option is added for customers requiring Copy Exact due to their ISO specifications. Pumps ordered without the eleventh letter will be shipped the latest revision)

Order Notes

For example, a PLF30 with straight front inlet, Top Straight outlet, 3/4" Synchro-Flare inlet, 1/2" Synchro-Flare outlet, no Stroke Detection, no Leak Detection, and no Pulse Dampener, would be ordered as follows: PLF30-ACCAAAA.

Standard for a White Knight PLF30 is inlet straight front, outlet straight front, inlet 1/2"fnpt, outlet 1/2"fnpt, no Stroke Detection, no Leak Detection, and no Pulsation Dampener.

187 E. 670 S. • Kamas, UT 84036
Phone (435)783-6040 • Fax (435) 783-6128
Toll Free 1-888-SYNCHRO (1-888-796-2476)
WWW.Whiteknightpumps.com