



Ordering Instructions PLF60

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 PLF60). The prefix will then be followed by a series of letters and or numbers. Each letter or number will designate the configuration of a certain part of the pump.

The following is a list of those areas, their options, and the letter or number specifying the specific option. Choose an option for each of the 8 spaces and add the appropriate value to the Pump List Price. The standard dash letters are in large bold type.

PLF60-____-____-____-____-____-____-____-____

Area:	Option:	Letter:
Check Valve Configuration (First number of suffix optional)	Ball, PTFE High-Flow Ball, Co-Polymer	2 3
Liquid Inlet Configuration (First letter of suffix)	Front, Straight Front, Ell Front Straight Catcher II Prefilter	A B C
Liquid Outlet Configuration (Second letter)	Front, Straight Front, Ell Top, Straight Top, Ell	A B C D
Liquid Inlet Connection Style (Third letter)	3/4" Synchro-Flare 1/2" Synchro-Flare 1" Synchro-Flare 1/2" fnpt 3/4" fnpt 1" fnpt 1/2" Kurabo Finalock®* 3/4" Kurabo Finalock®* 1" Kurabo Finalock®*	A B C D E F J K 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)

1/2" Flaretek® Compatible	Q
3/4" Flaretek® Compatible	R
1" Flaretek® Compatible	S
1/2" PureBond®	T
3/4" PureBond®	U
1" PureBond®	V
1/2" Pillar Super 300®	W
3/4" Pillar Super 300®	X
1" Pillar Super 300®	Y
1" Tubing Out	Z
1 1/4" Tubing Out	1A
1 1/4" Flaretek® Compatible	1B
1 1/4" Pillar Super 300®	1C
3/4" SMC LQ3®	1D
1" SMC LQ3®	1E

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

Liquid Outlet Connection Style
(Fourth letter)

3/4" Synchro-Flare®	A
1/2" Synchro-Flare®	B
1" Synchro-Flare®	C
1/2" fnpt	D
3/4" fnpt	E
1" fnpt	F
1/2" Kurabo Finalock®*	J
3/4" Kurabo Finalock®*	K
1" 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)

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

1 1/4" Flaretek® Compatible	1B
1 1/4" Pillar Super 300®	1C
3/4" SMC LQ3®	1D
1" SMC LQ3®	1E

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

Stroke Detection	Dual Fiber Optic (No probe/sensors)	A
(Fifth letter)	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	No Leak Detection	A
(Sixth letter)	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	No Pulse Dampener	A
(Seventh letter)	EQ100 (Air-run) Pump mount	B
	EQ100 (Air-run) In-line ¹	C
	SL100 (Passive) In-line ¹	D
	AL60 (Air-run) In-line ¹	E
	AL60 (Air-run) Pump mount	F
	¹ (Fittings same as pump outlet)	
Old rev level	Specify rev level	A
(Eighth letter optional)	(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 PLF60 with Straight Front inlet, Top Straight outlet, 3/4"fnpt inlet, 3/4"fnpt outlet, No Stroke Detection, No Leak detection would be ordered as follows: PLF60-ACEEAAA.

Standard for a White Knight PF60 is inlet straight front, outlet straight front, inlet 3/4"fnpt, outlet 3/4"fnpt, no Stroke Detection, no Leak Detection, and no Pulsation Dampener.

We have added an optional numerical option to the beginning of the part number which signifies the type of check valve desired with the pump. If no numeral is placed at the beginning of the part number then the pump will be shipped with the default or standard check valve which is the PTFE Ball check valve or option "2". A standard pump with High Flow check valves would be ordered with the following part number PLF60-3-AAEEAAA.

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

Effective September 1, 2011