Ordering Instructions Renaissance PL60

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 PL60). The prefix will then be followed by a series of letters. 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 9 spaces and add the appropriate value to the Pump List Price. The standard dash letters are in large bold type.

PL60-___ -___ ___ ___ ___ - ___ ___ ___ ___
(Last Four Letters are Optional)

Area:	Option:	Letter:
Check Valve Configuration	**Flat, PTFE**	**1**
(first number of suffix)	Ball, PTFE	2
	High-Flow Ball, Modified PTFE	3
Liquid Inlet Configuration	**Front, Straight**	**A**
(first letter of suffix)	Front, Ell	B
	Catcher II Prefilter	C
	½" Reducer Catcher II Prefilter	D
	½" Reducer	E
Liquid Outlet Configuration	**Front, Straight**	**A**
(second letter)	Front, Ell	B
	Top, Straight	C
	Top, Ell	D
	½" Reducer	E
Liquid Inlet Connection Style	3/4" Synchro-Flare®	A
(third letter)	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

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

Note: The following items are optional. However if ANY ONE item is selected, ALL must be included in the part order number. For example, if Leak Detection is desired but not Stroke Detection, then Stroke Detection must be noted as option "**A**". If none are required then the part order number may be submitted without any of these letters.

Shuttle Valve Type	**Internal Shuttle**	**A**
(fifth letter optional)	External Shuttle Valve	B
	No Shuttle Valve	C
	Internal Shuttle W/Remote Exhaust	D
	Internal shuttle For High Head Pressure Applications Using Pulsation Dampening Device	E
	Internal Shuttle W/ Air Purge Port	F
	External Shuttle Valve W/ Air Purge Port	G
	No Shuttle Valve W/ Air Purge Port	H
	Internal Shuttle W/Remote Exhaust & Air Purge Port	I
	Internal shuttle For High Head Pressure Applications Using Pulsation Dampening Device W/ Air Purge Port	J

Pulse Dampener	**No Pulse Dampener**	**A**
(sixth letter optional)	EQ100 (Air-run) Pump mount	B
	EQ100 (Air-run) In-line[1]	C
	SL100 Inline[1]	D
	AL60 (Air-run) In-line[1]	E

[1](Fittings same as Pump Outlet w/ same pricing increases for each)

Stroke Detection	**No Stroke Detection**	**A**
(seventh letter optional)	Single Fiber Optic Probe (PNP) Sourcing	B
	Single Fiber Optic Probe (NPN) Sinking	C
	Single Fiber Optic Probe (No sensors)	D
	Dual Fiber Optic Probe (PNP) Sourcing[1]	E
	Dual Fiber Optic Probe (NPN) Sinking[1]	F
	Dual Fiber Optic Probe (No sensors)[1]	G
	Solid State Pressure Switch	H
	Single Probe Dual Detect (PNP) Sourcing	I
	Single Probe Dual Detect (NPN) Sinking	J
	Single Probe Dual Detect (No sensors)	K
	Single Probe Dual Detect (No probe/sensors)	L
	Dual Solid State Pressure Switch[1]	N

[1](Dual Fiber Optic Probes and pressure switches are not available with Internal Shuttle Option, see fifth letter)

(Standard Length of fiber is 10', for Custom length add "-Fiber XXfeet" to the end of the part number, In place of XX insert the custom length of up to 25', the price increase for this is $107.00 per fiber. For example PL60-AARRAAGD-Fiber25feet)

Leak Detection	**No Leak Detection**	A
(eighth letter optional)	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)
(Standard Length of fiber is 10', for Custom length add "-Fiber XXfeet" to the end of the part number, In place of XX insert the custom length of up to 25', the price increase for this is $100.00 per fiber. For example PL60-AARRAAGD-Fiber25feet)

Old rev level	Specify rev level	H

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

Order Notes

For example, a PL60 with straight front inlet, Top Straight outlet, ½"Synchro-Flare inlet, ¾" Synchro-Flare outlet, Internal Shuttle Valve, no Pulse Dampener, no stroke Detection, and no Leak Detection, would be ordered as follows: PL60-ACBAAAAA.

Standard for White Knight PL60 is inlet straight front, outlet straight front, inlet ¾" Flaretek® Compatible, outlet ¾" Flaretek® Compatible, Internal Shuttle, no Pulsation Dampener, no Leak Detection, and no Stroke Detection. A PL60 ordered with no suffix lettering would be delivered to the standard configuration (PL60-AARRAAAA).

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 Flat check valve or option "1". A standard pump with High Flow Modified PTFE check valves would be ordered with the following part number PL60-3-AARRAAAA.

Effective September 1, 2011