

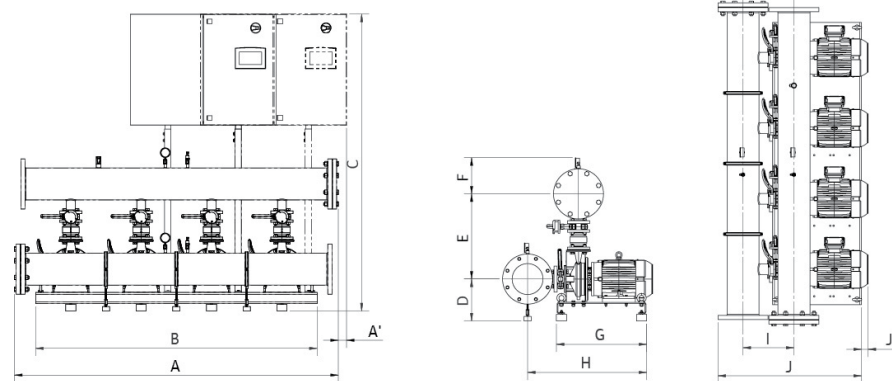
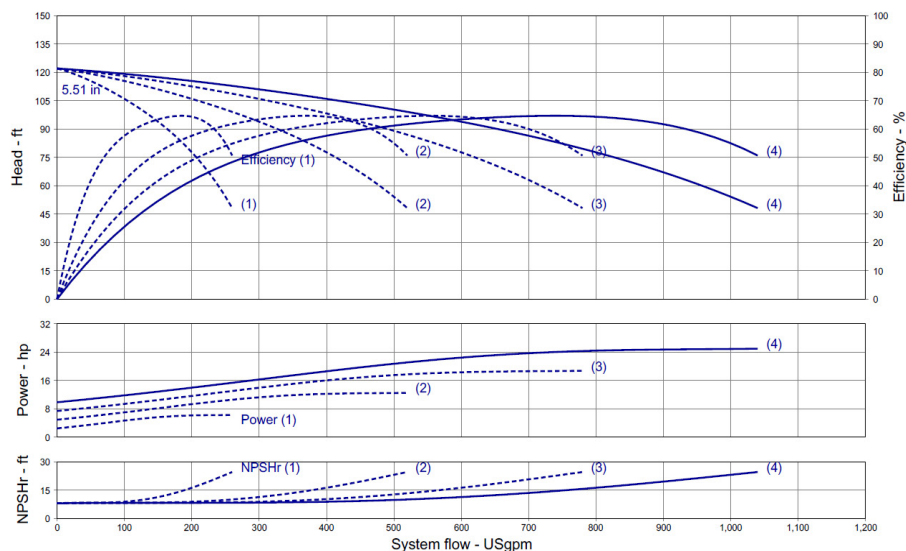
Submittal Data Sheet

Packaged Booster Systems



Wilo-WiBooster

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:				Date:	
		Approved By:				Date:	
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 4/323/A			7.5	60Hz		



Dimensions

	1-3-230	3-208-230	3-460	3-575	1-3-230	3-208-230	3-460	3-575
System Connection (150#)	8	8	8	8	6	6	6	6
A	87.4	87.4	87.4	87.4	87.2	87.2	87.2	87.2
A ₁	2.2	x	x	x	2.3	x	x	x
B	76	76	76	76	76	76	76	76
C	75	75	75	75	75	75	75	75
D	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
E	22.4	22.4	22.4	22.4	21.4	21.4	21.4	21.4
F	9.7	9.7	9.7	11	8.7	8.7	8.7	10
G	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
H	32.1	32.1	32.1	32.1	31.1	31.1	31.1	31.1
I	13	13	13	13	12	12	12	12
J	38.7	38.7	38.7	38.7	36.4	36.4	36.4	36.4
J ₁	x	x	x	x	x	x	x	x
Panel Dimensions (HxWxD)	30x39x12	30X30X10	30X30X10	30X30X10	30x39x12	30X30X10	30X30X10	30X30X10
Full Load Amps (per pump)	18.7-17.0	18.7-17.0	8.5	6.8	18.7-17.0	18.7-17.0	8.5	6.8
Panel Weight (lbs)	180.8	180.8	139.0	190.0	180.8	180.8	139.0	190.0
Pump Weight (ea - lbs)	133	133	133	133	133	133	133	133
System Weight (lbs)	1590	1590	1550	1600	1475	1475	1430	1485

Product Info

Brand	Wilo
Product Description	WiBooster 4/323/A

Construction Materials

Pump Volute	304 Stainless Steel
Impeller	304 Stainless Steel
Shaft	304 Stainless Steel
Elastomers	EPDM
Isolation Valves	Butterfly, SS Stem/Disc, EPDM Seal
Manifolds	304 Stainless Steel, ANSI-Flanged
Check Valves	Stainless Steel, Non-Slam, Plunger Type with EPDM Seal
Mechanical Seal	Type 21
Pressure Transducers	316 Stainless Steel
Pressure Gauges	304/316 Stainless Steel
System Base	Nickel Plated Steel
Vibration Isolators	Neoprene, Height-Adjustable

Motor Data

Motor Power Supply	3-208-230/460/575V
Enclosure	ODP/TEFC
Efficiency	NEMA Premium
Horsepower/Pump	7.5
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	1-230, 3-208-230/460/575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-51 /FC-101

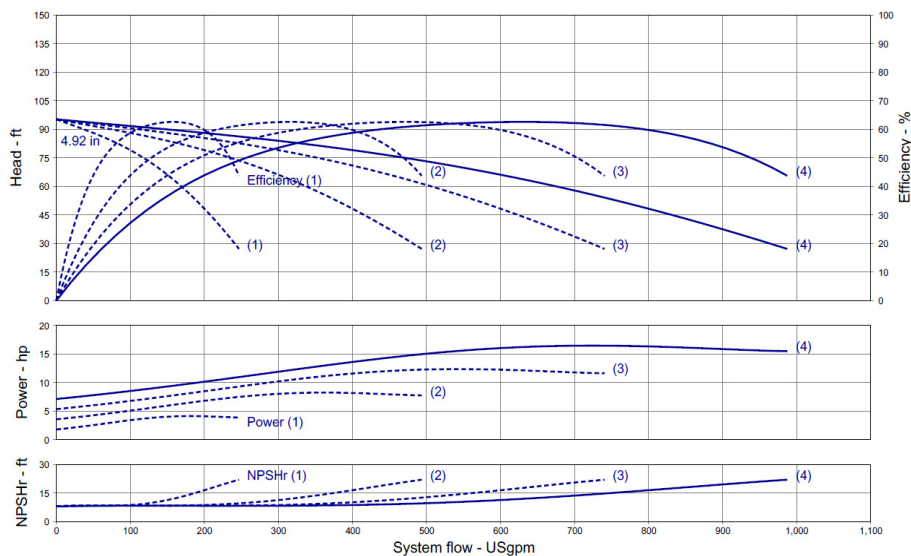
PLC Info

User Interface	7" Color Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max Current	320mA @24V
Analog Inputs/Outputs	9/2
Digital Inputs/Outputs	18/17
Communications	ModBUS Standard (BacNET, LONWorks Optional)
Ethernet Port	RJ45 (10/100Mbps)
Additional Ports	USB 2.0, Micro-SD

Approval Stamp

Wilo-WiBooster

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:				Date:	
		Approved By:				Date:	
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 4/323/B			5	60Hz		



Product Info

Brand	Wilo
Product Description	WiBooster 4/323/B

Construction Materials

Pump Volute	304 Stainless Steel
Impeller	304 Stainless Steel
Shaft	304 Stainless Steel
Elastomers	EPDM
Isolation Valves	Butterfly, SS Stem/Disc, EPDM Seal
Manifolds	304 Stainless Steel, ANSI-Flanged
Check Valves	Stainless Steel, Non-Slam, Plunger Type with EPDM Seal
Mechanical Seal	Type 21
Pressure Transducers	316 Stainless Steel
Pressure Gauges	304/316 Stainless Steel
System Base	Nickel Plated Steel
Vibration Isolators	Neoprene, Height-Adjustable

Motor Data

Motor Power Supply	3~208-230/460/575V
Enclosure	ODP/TEFC
Efficiency	NEMA Premium
Horsepower/Pump	5
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	1~230, 3~208-230/460/575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-51 /FC-101

PLC Info

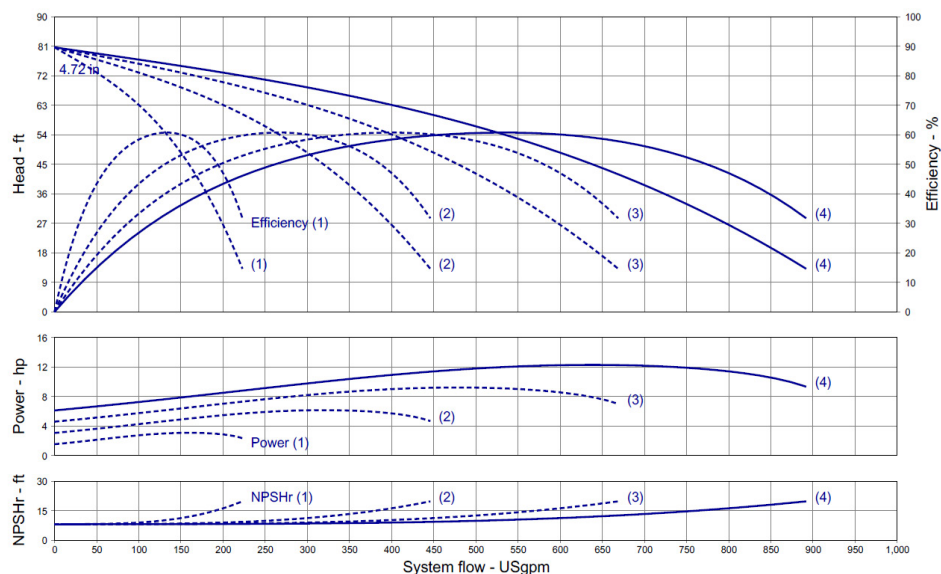
User Interface	7" Color Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max Current	320mA @24V
Analog Inputs/Outputs	9/2
Digital Inputs/Outputs	18/17
Communications	ModBUS Standard (BacNET, LONWorks Optional)
Ethernet Port	RJ45 (10/100Mbps)
Additional Ports	USB 2.0, Micro-SD

Approval Stamp

Dimensions	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230	3~208-230	3~460	3~575	1-3-230	3~208-230	3~460	3~575
System Connection (150#)	8	8	8	8	6	6	6	6
A	87.4	87.4	87.4	87.4	87.2	87.2	87.2	87.2
A ₁	2.2	x	x	x	2.3	x	x	x
B	76	76	76	76	76	76	76	76
C	75	75	75	75	75	75	75	75
D	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
E	22.4	22.4	22.4	22.4	21.4	21.4	21.4	21.4
F	9.7	9.7	9.7	11	8.7	8.7	8.7	10
G	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
H	32.1	32.1	32.1	32.1	31.1	31.1	31.1	31.1
I	13	13	13	13	12	12	12	12
J	38.7	38.7	38.7	38.7	36.4	36.4	36.4	36.4
J ₁	x	x	x	x	x	x	x	x
Panel Dimensions (HxWxD)	30x39x12	30X30X10	30X30X10	30X30X10	30x39x12	30X30X10	30X30X10	30X30X10
Full Load Amps (per pump)	13.2-12.0	13.2-12.0	6.0	4.8	13.2-12.0	13.2-12.0	6.0	4.8
Panel Weight (lbs)	137.95	137.95	139	190	137.95	137.95	139	190
Pump Weight (ea - lbs)	125	125	125	125	125	125	125	125
System Weight (lbs)	1515	1515	1515	1565	1400	1400	1400	1450

Wilo-WiBooster

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 4/323/C			3	60Hz		



Product Info

Brand	Wilo
Product Description	WiBooster 4/323/C

Construction Materials

Pump Volute	304 Stainless Steel
Impeller	304 Stainless Steel
Shaft	304 Stainless Steel
Elastomers	EPDM
Isolation Valves	Butterfly, SS Stem/Disc, EPDM Seal
Manifolds	304 Stainless Steel, ANSI-Flanged
Check Valves	Stainless Steel, Non-Slam, Plunger Type with EPDM Seal
Mechanical Seal	Type 21
Pressure Transducers	316 Stainless Steel
Pressure Gauges	304/316 Stainless Steel
System Base	Nickel Plated Steel
Vibration Isolators	Neoprene, Height-Adjustable

Motor Data

Motor Power Supply	3~208-230/460/575V
Enclosure	ODP/TEFC
Efficiency	NEMA Premium
Horsepower/Pump	3
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

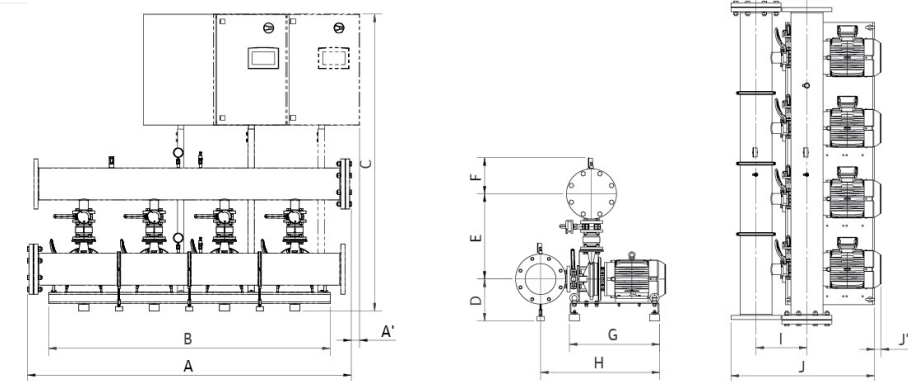
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	1~230, 3~208-230/460/575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-51 /FC-101

PLC Info

User Interface	7" Color Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max Current	320mA @24V
Analog Inputs/Outputs	9/2
Digital Inputs/Outputs	18/17
Communications	ModBUS Standard (BacNET, LONWorks Optional)
Ethernet Port	RJ45 (10/100Mbps)
Additional Ports	USB 2.0, Micro-SD



Dimensions	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230	3~208-230	3~460	3~575	1-3-230	3~208-230	3~460	3~575
System Connection (150#)	8	8	8	8	6	6	6	6
A	87.4	87.4	87.4	87.4	87.2	87.2	87.2	87.2
A ₁	x	x	x	x	x	x	x	x
B	76	76	76	76	76	76	76	76
C	75	75	67	75	75	75	67	75
D	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
E	22.4	22.4	22.4	22.4	21.4	21.4	21.4	21.4
F	9.7	9.7	9.7	11	8.7	8.7	8.7	10
G	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
H	32.1	32.1	32.1	32.1	31.1	31.1	31.1	31.1
I	13	13	13	13	12	12	12	12
J	38.7	38.7	38.7	38.7	36.4	36.4	36.4	36.4
J ₁	x	x	x	x	x	x	x	x
Panel Dimensions (HxWxD)	30X30X10	30X30X10	24X24X8	30X30X10	30X30X10	30X30X10	24X24X8	30X30X10
Full Load Amps (per pump)	8.2-7.4	8.2-7.4	3.7	3.0	8.2-7.4	8.2-7.4	3.7	3.0
Panel Weight (lbs)	138.0	138.0	87.3	190	138.0	138.0	87.3	190
Pump Weight (ea - lbs)	118	118	118	118	118	118	118	118
System Weight (lbs)	1485	1535	1415	1435	1370	1370	1300	1420

Approval Stamp

Submittal Data Sheet

Packaged Booster Systems



Wilo-WiBooster



Project:

Engineer:

Contractor:

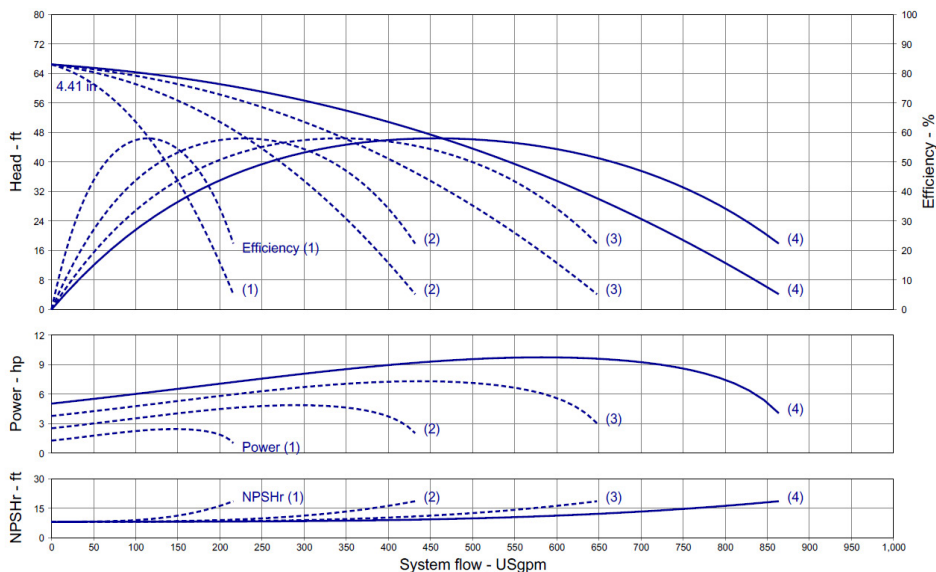
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 4/323/D			2	60Hz		



Product Info

Brand	Wilo
Product Description	WiBooster 4/323/D

Construction Materials

Pump Volute	304 Stainless Steel
Impeller	304 Stainless Steel
Shaft	304 Stainless Steel
Elastomers	EPDM
Isolation Valves	Butterfly, SS Stem/Disc, EPDM Seal
Manifolds	304 Stainless Steel, ANSI-Flanged
Check Valves	Stainless Steel, Non-Slam, Plunger Type with EPDM Seal
Mechanical Seal	Type 21
Pressure Transducers	316 Stainless Steel
Pressure Gauges	304/316 Stainless Steel
System Base	Nickel Plated Steel
Vibration Isolators	Neoprene, Height-Adjustable

Motor Data

Motor Power Supply	3~208-230/460/575V
Enclosure	ODP/TEFC
Efficiency	NEMA Premium
Horsepower/Pump	2
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

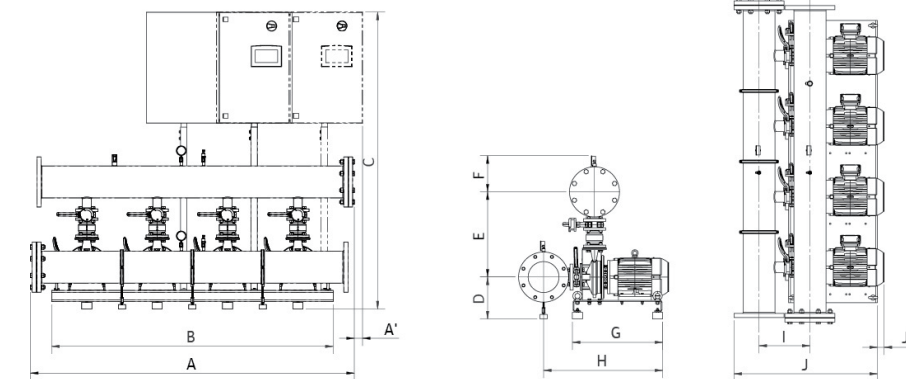
Panel Info

Power Supply	1~230, 3~208-230/460/575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-51 /FC-101

PLC Info

User Interface	7" Color Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max Current	320mA @24V
Analog Inputs/Outputs	9/2
Digital Inputs/Outputs	18/17
Communications	ModBUS Standard (BacNET, LONWorks Optional)
Ethernet Port	RJ45 (10/100Mbps)
Additional Ports	USB 2.0, Micro-SD

Approval Stamp



Dimensions	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230	3~208-230	3~460	3~575	1-3-230	3~208-230	3~460	3~575
System Connection (150#)	8	8	8	8	6	6	6	6
A	87.4	87.4	87.4	87.4	87.2	87.2	87.2	87.2
A ₁	x	x	x	x	x	x	x	x
B	76	76	76	76	76	76	76	76
C	67	67	67	75	67	67	67	75
D	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
E	22.4	22.4	22.4	22.4	21.4	21.4	21.4	21.4
F	9.7	9.7	9.7	11	8.7	8.7	8.7	10
G	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
H	32.1	32.1	32.1	32.1	31.1	31.1	31.1	31.1
I	13	13	13	13	12	12	12	12
J	38.7	38.7	38.7	38.7	36.4	36.4	36.4	36.4
J ₁	x	x	x	x	x	x	x	x
Panel Dimensions (HxWxD)	30X30X10	24X24X8	24X24X8	30X30X10	30X30X10	24X24X8	24X24X8	30X30X10
Full Load Amps (per pump)	5.5-5.0	5.5-5.0	2.5	2.0	5.5-5.0	5.5-5.0	2.5	2.0
Panel Weight (lbs)	86.2	86.2	87.25	190	86.2	86.2	87.25	190
Pump Weight (ea - lbs)	79	79	79	79	79	79	79	79
System Weight (lbs)	1265	1265	1265	1365	1145	1145	1150	1250