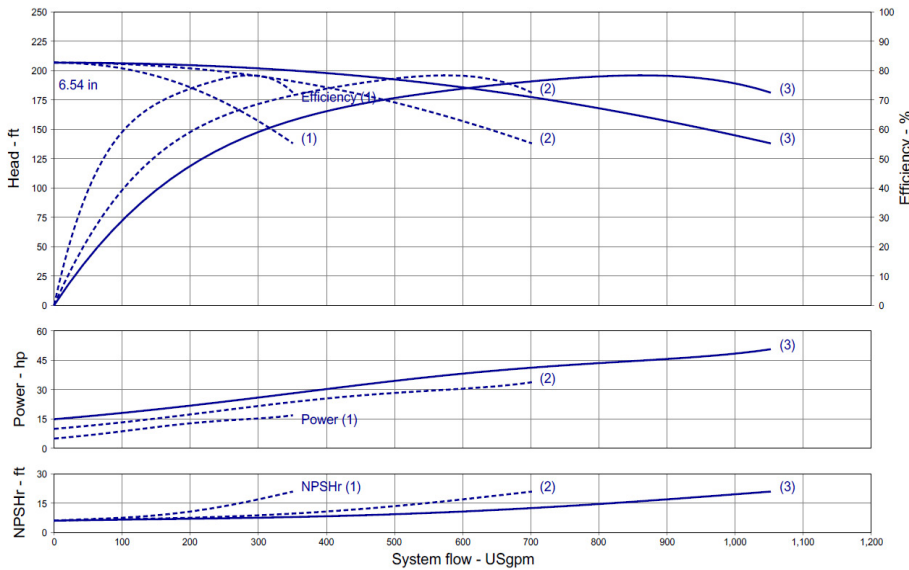


Wilo-WiBooster



Project:	
Engineer:	
Contractor:	
Submitted By:	Date:
Approved By:	Date:

Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/C			15	60Hz		



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/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	15
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

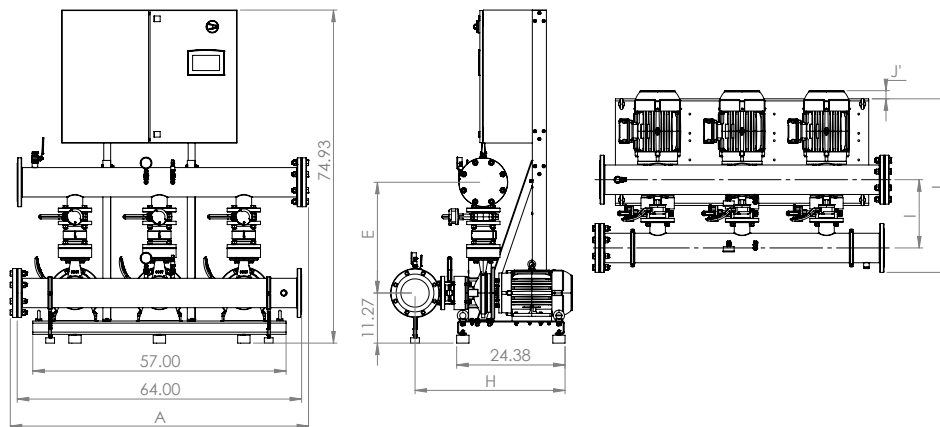
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

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

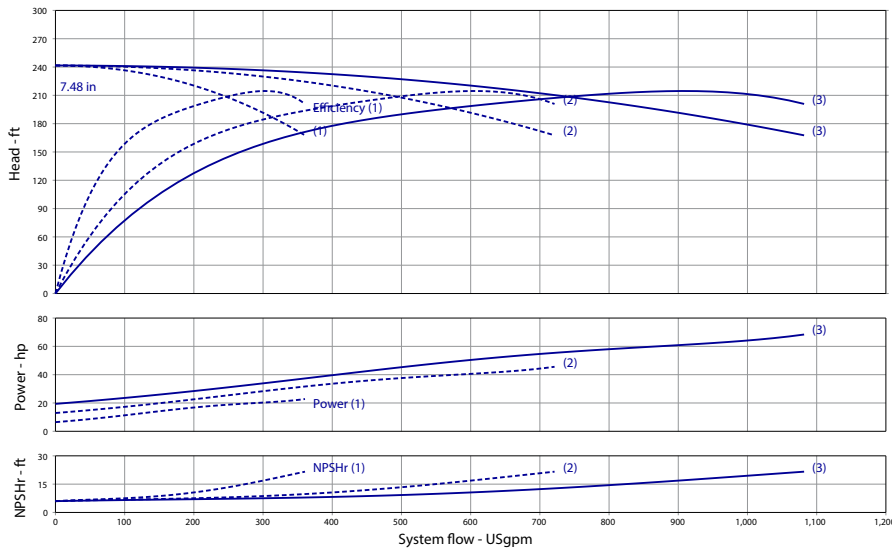


Dimensions	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230	3-208-230	3-460	3-575	1-3-230	3-208-230	3-460	3-575
System Connection (150#)	x	6	6	x	x	x	x	x
A'	x	2.8	N/A	x	x	x	x	x
J'	x	1.8	1.8	x	x	x	x	x
A	x	67.13	67.13	x	x	x	x	x
E	x	24.92	24.92	x	x	x	x	x
H	x	33.76	33.76	x	x	x	x	x
J	x	39.07	39.07	x	x	x	x	x
I	x	15.36	15.36	x	x	x	x	x
Panel Dimensions (HxWxD)	x	30x39x12	30x30x10	x	x	x	x	x
Full Load Amps (per pump)	x	37.4-34.0	17.0	x	x	x	x	x
Panel Weight (lbs)	x	201.7	166.5	x	x	x	x	x
Pump Weight (ea - lbs)	x	312	312	x	312	312	312	x
System Weight (lbs)	x	1440.89	1405.69	x	x	x	x	x



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B1/TEFC			20	60Hz		

Article Number: 3402432



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B1/300/TEFC

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	3-208-230V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

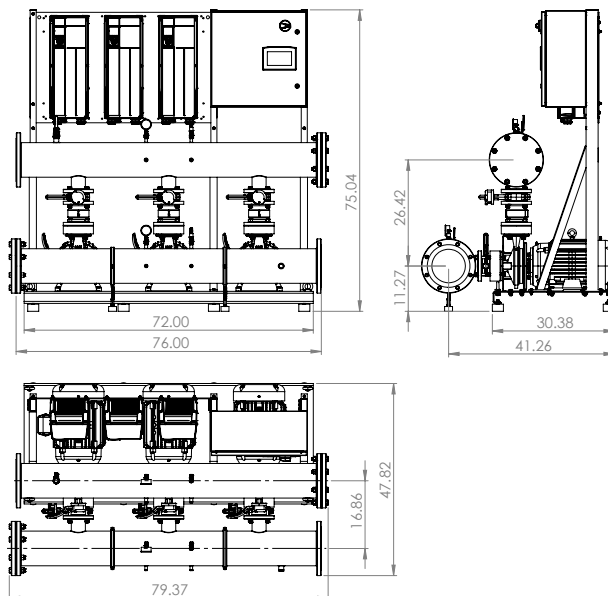
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

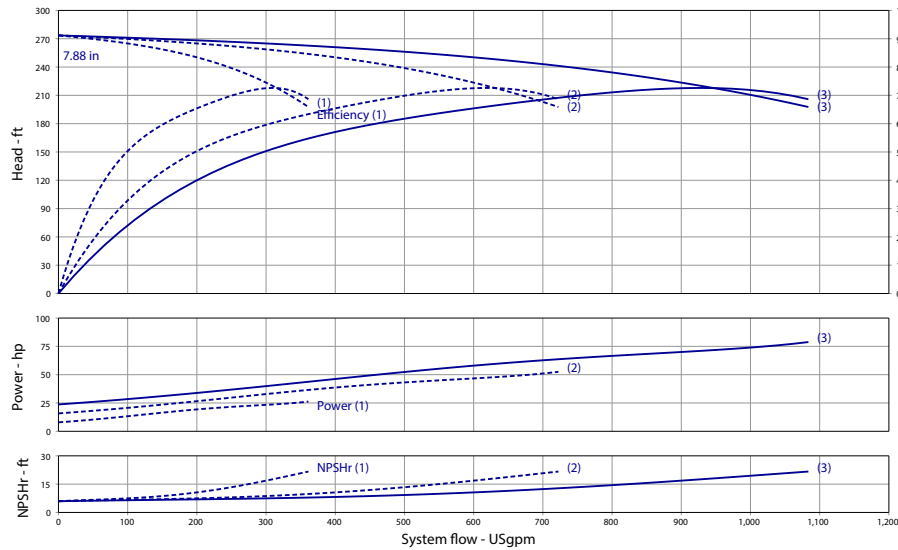


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	270	270	270	x	270	270	270
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A1/TEFC			25	60Hz		

Article Number: 3402434



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/310/TEFC

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	3-208-230V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

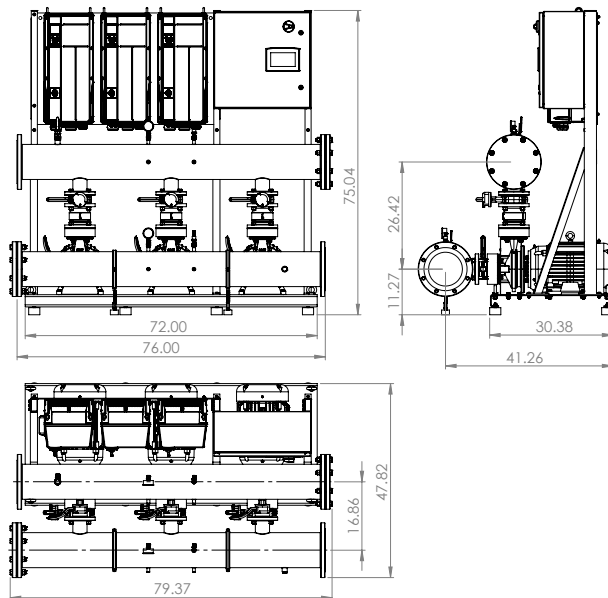
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

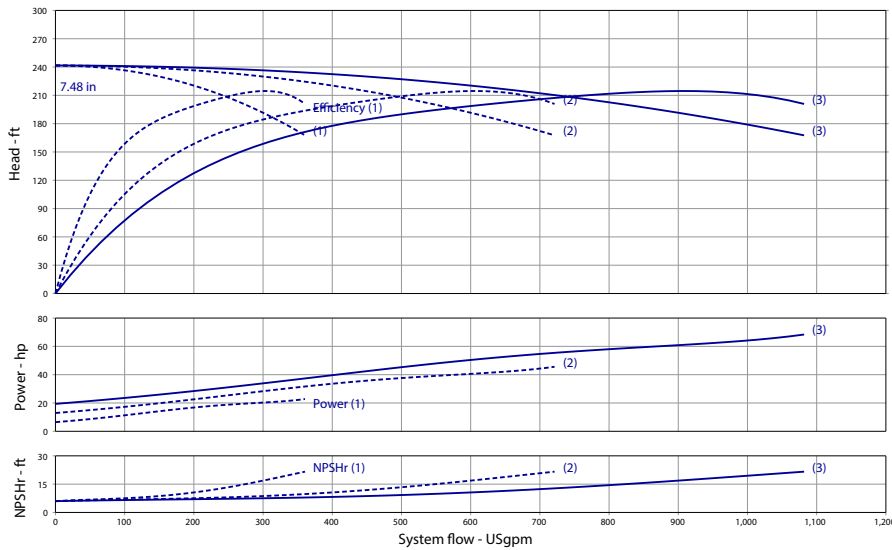


Triplex	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B1/ODP			20	60Hz		

Article Number: 3402258



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B1/300/ODP

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	3-208-230V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

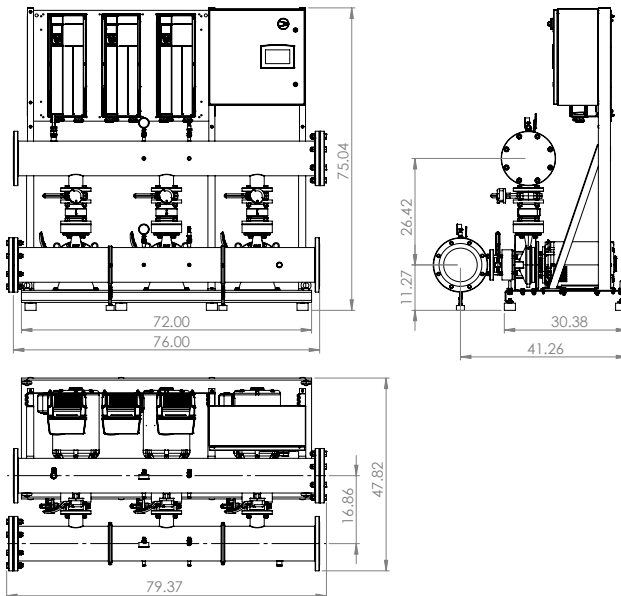
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

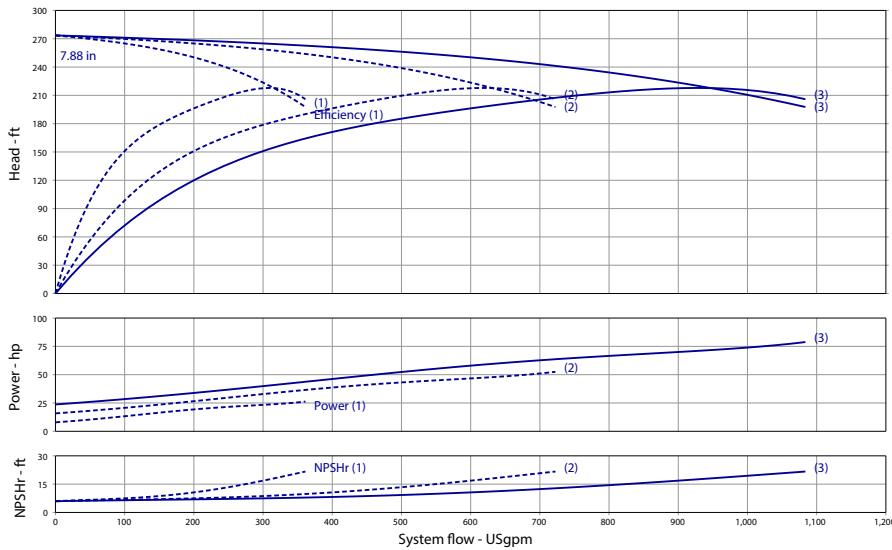


Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	225	225	225	x	225	225	225
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A1/ODP			25	60Hz		

Article Number: 3402260



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/310/ODP

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	3-208-230V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

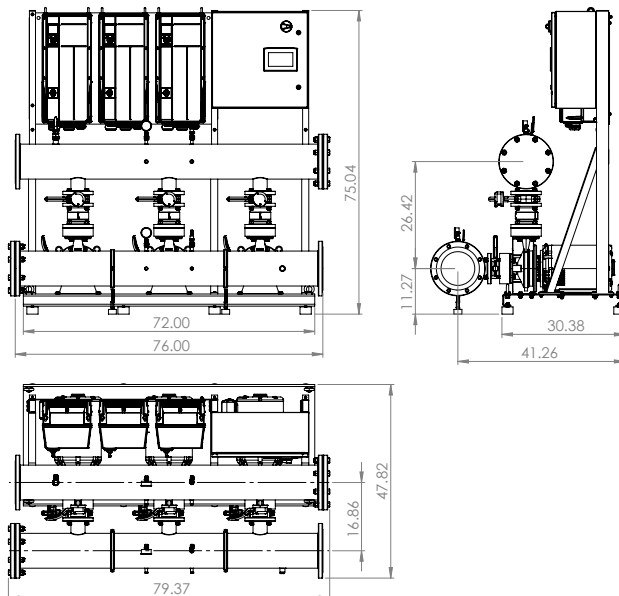
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

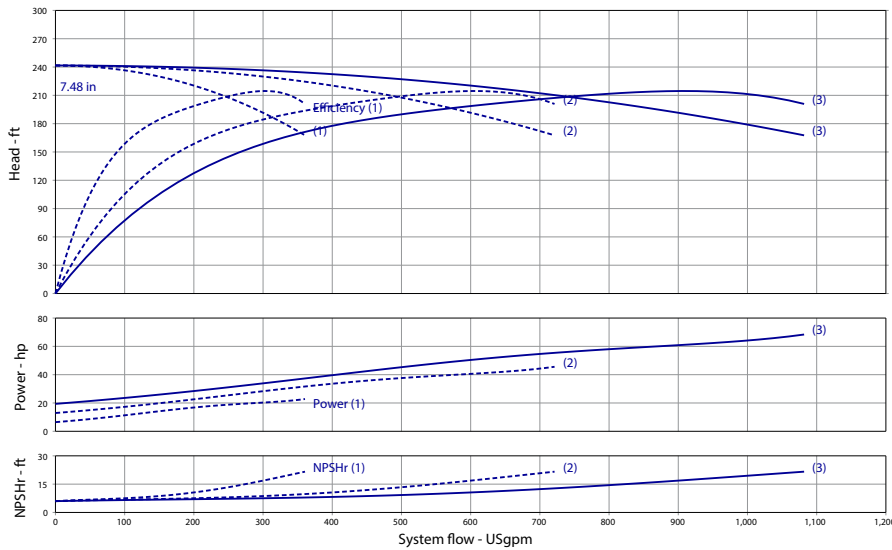


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B1/TEFC			20	60Hz		

Article Number: 3402437



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B1/300/TEFC

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	3-460V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

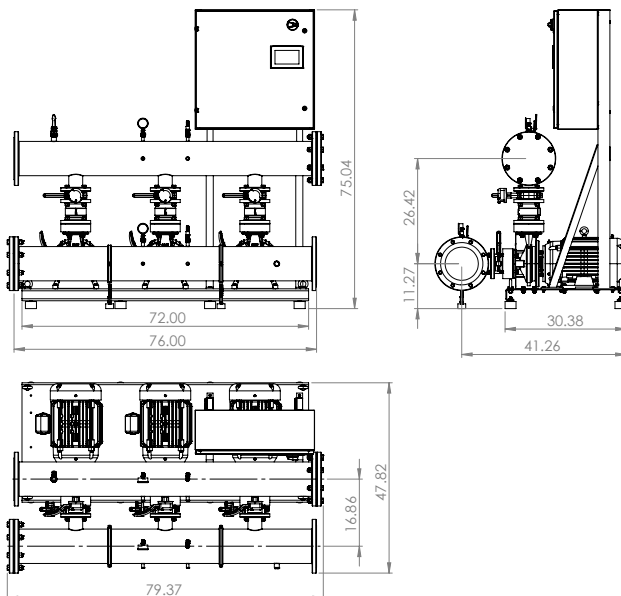
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

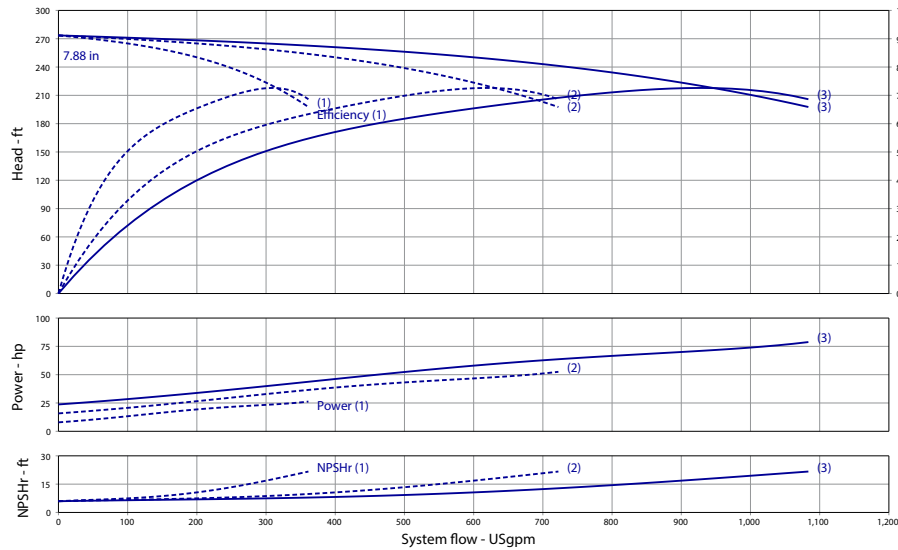


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	270	270	270	x	270	270	270
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A1/TEFC			25	60Hz		

Article Number: 3402439



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/310/TEFC

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	3-460V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

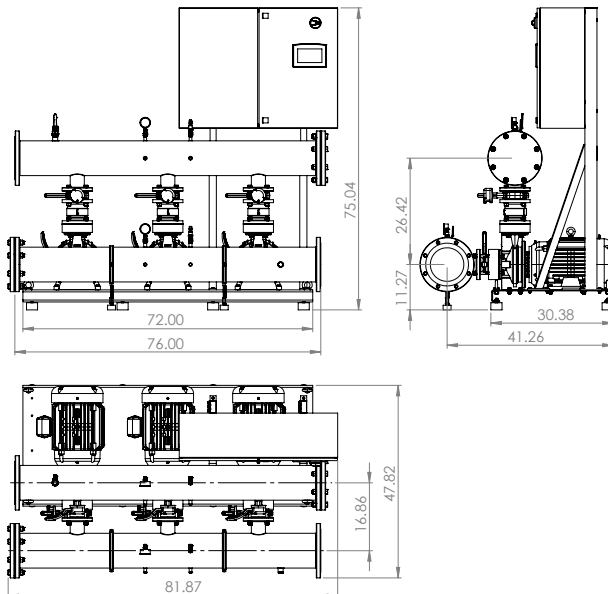
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

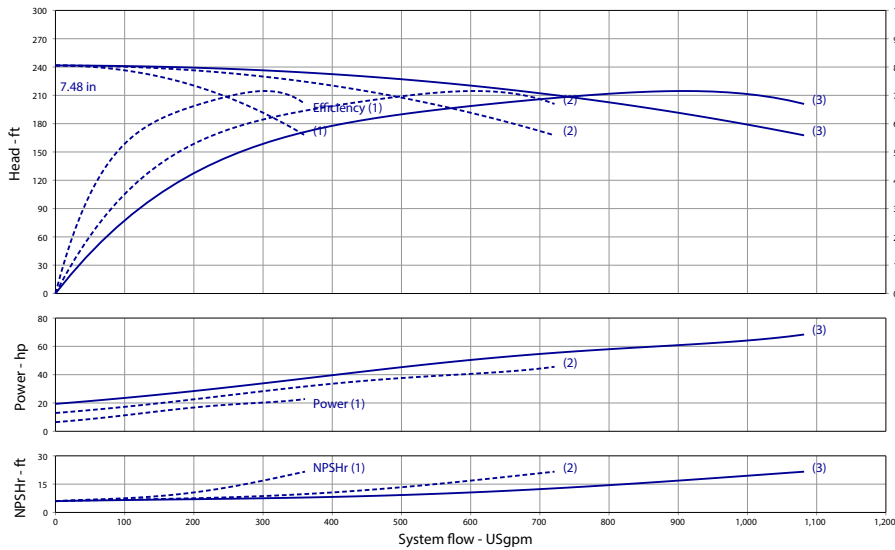


Triplex	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B1/ODP			20	60Hz		

Article Number: 3402263



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B1/300/ODP

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	3-460V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

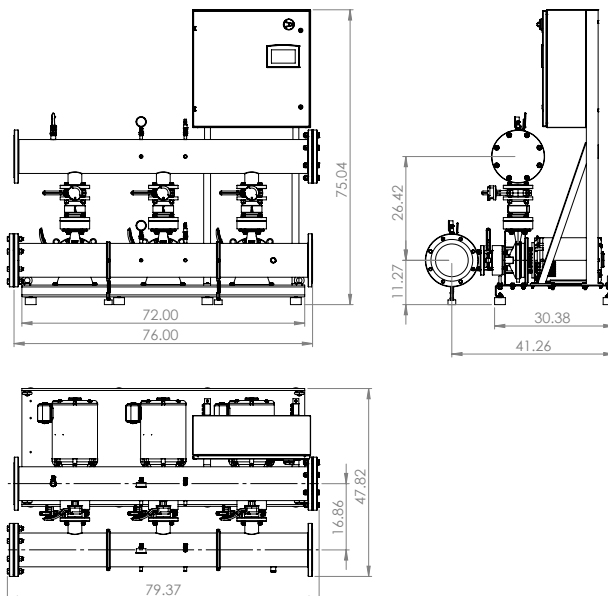
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

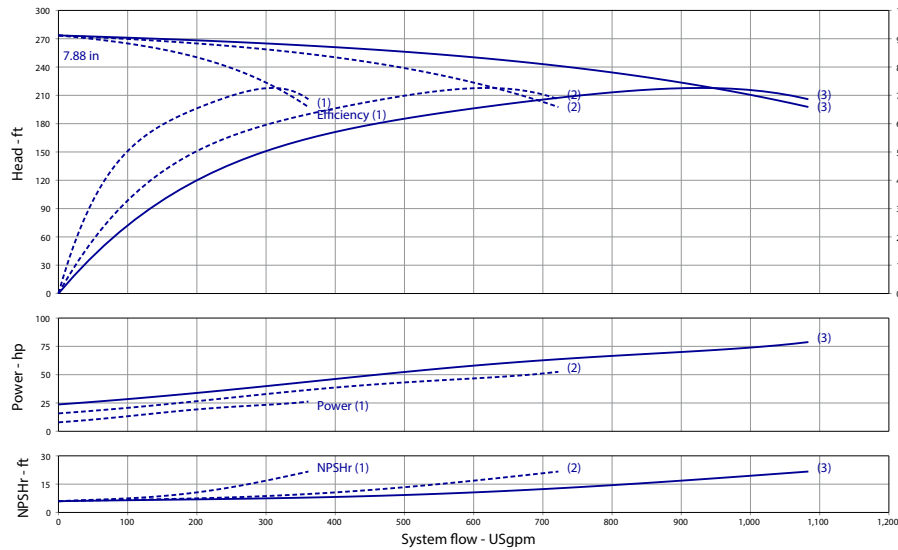


Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	225	225	225	x	225	225	225
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A1/ODP			25	60Hz		

Article Number: 3402265



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/310/ODP

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	3-460V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

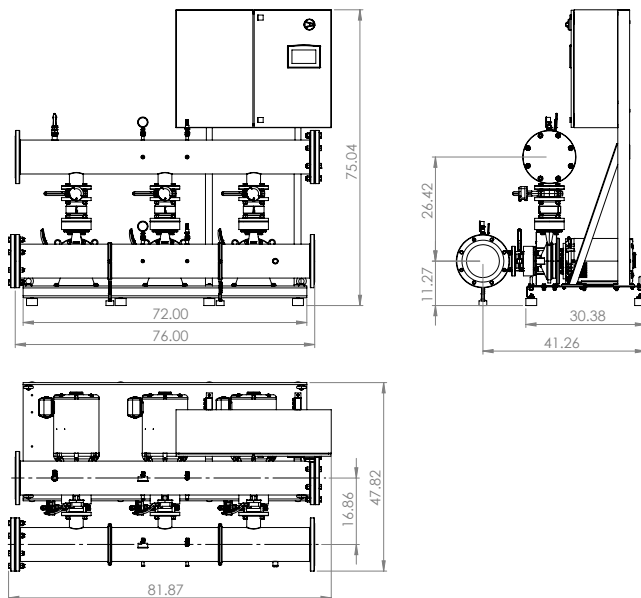
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

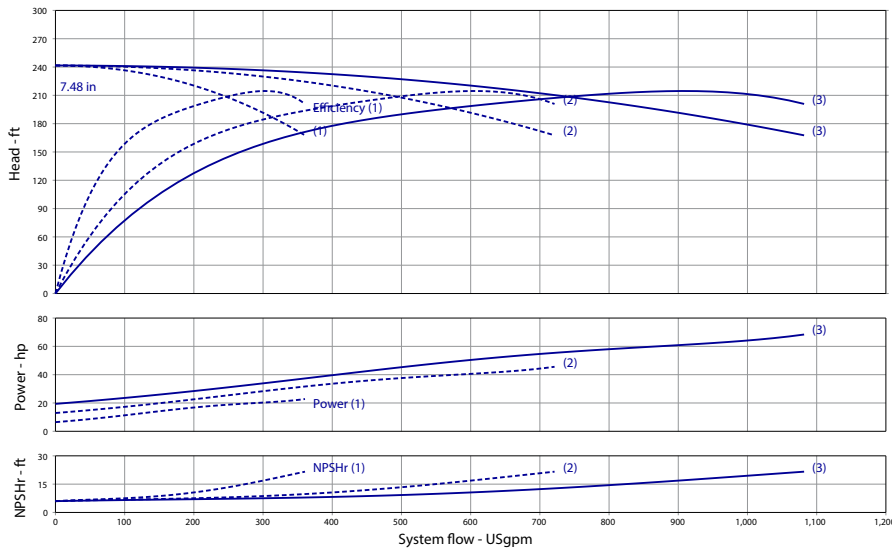


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B1/TEFC			20	60Hz		

Article Number: 3402442



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/300/TEFC

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	3-575V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

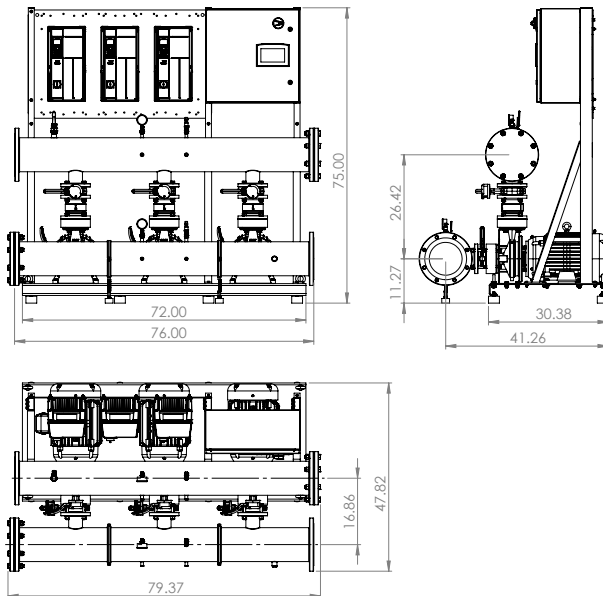
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

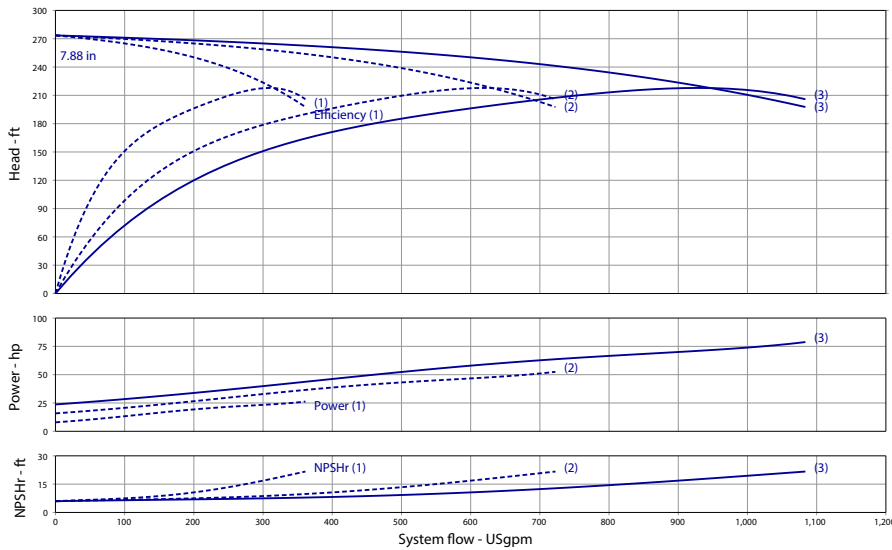


Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	1-3-230V	3-575V	3-460	3-575	
System Connection	x	6	6	x	4	4	4	
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	270	270	270	x	270	270	270
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A1/TEFC			25	60Hz		

Article Number: 3402444



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/310/TEFC

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	3-575V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

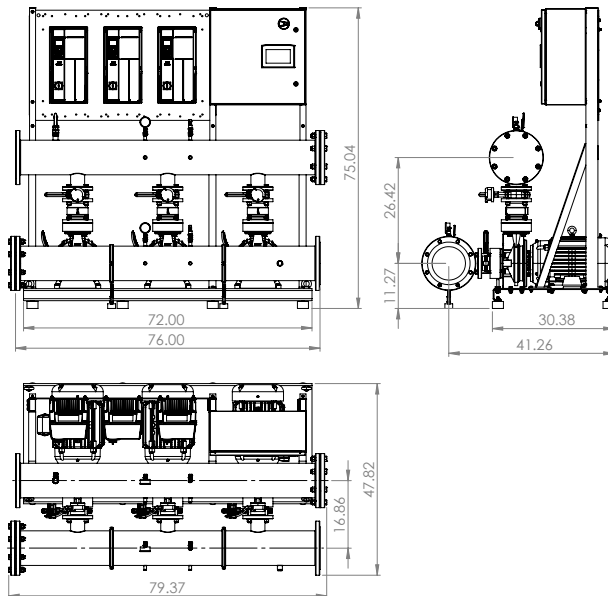
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

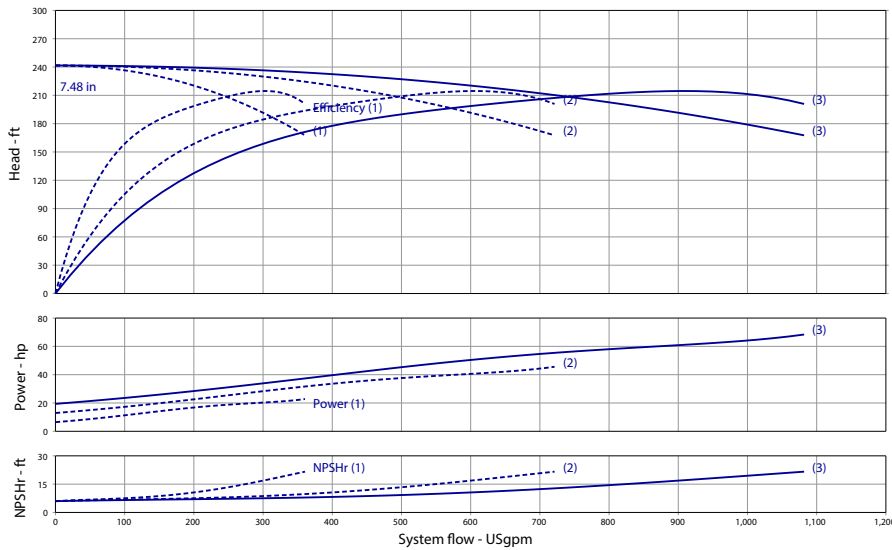


Triplex Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B1/ODP			20	60Hz		

Article Number: 3402268



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B1/300/ODP

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	3-575V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

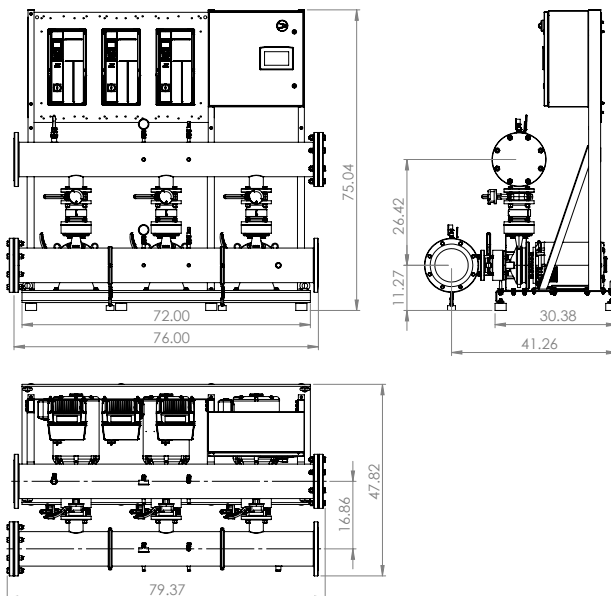
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

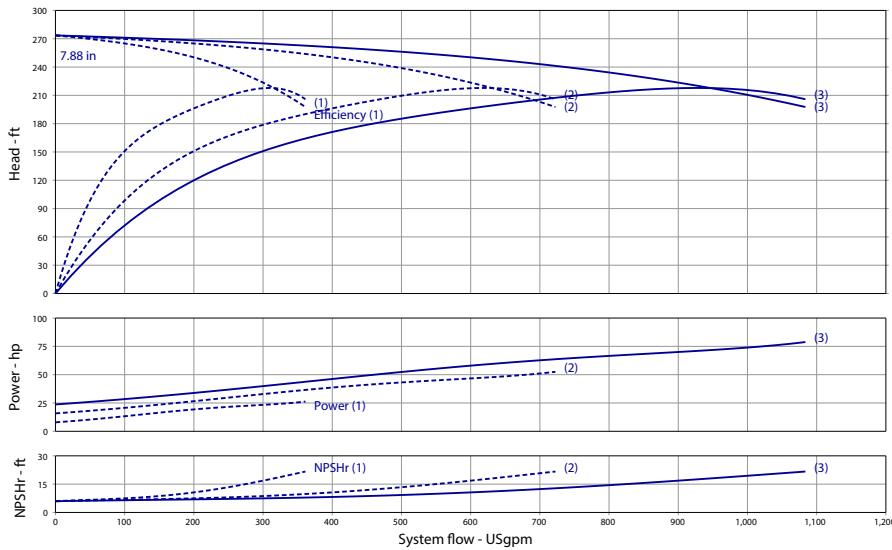


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	225	225	225	x	225	225	225
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A1/ODP			25	60Hz		

Article Number: 3402270



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A1/310/ODP

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	3-575V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

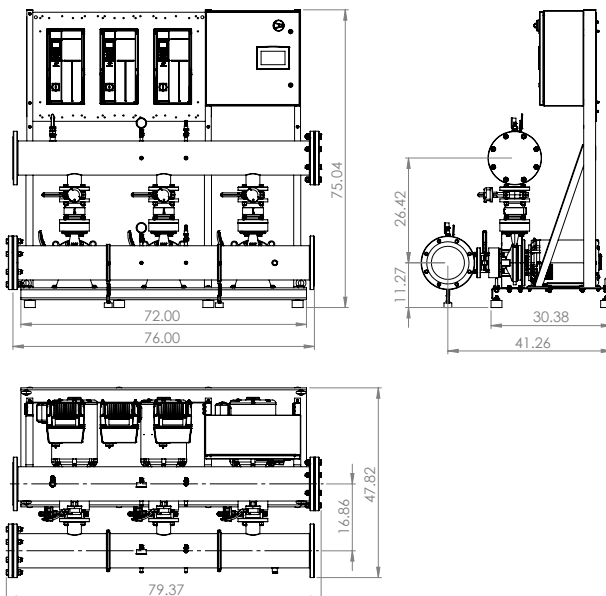
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

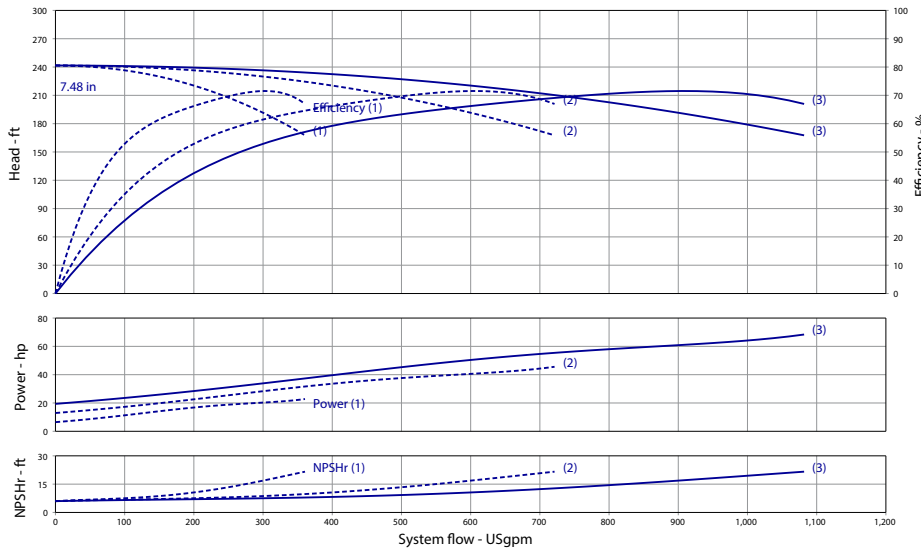


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B2/TEFC			20	60Hz		

Article Number: 3402433



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B2/300/TEFC

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	3-208-230V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

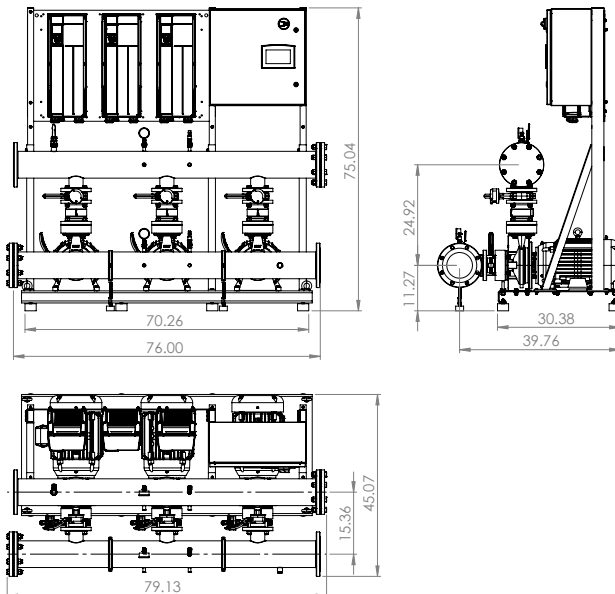
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

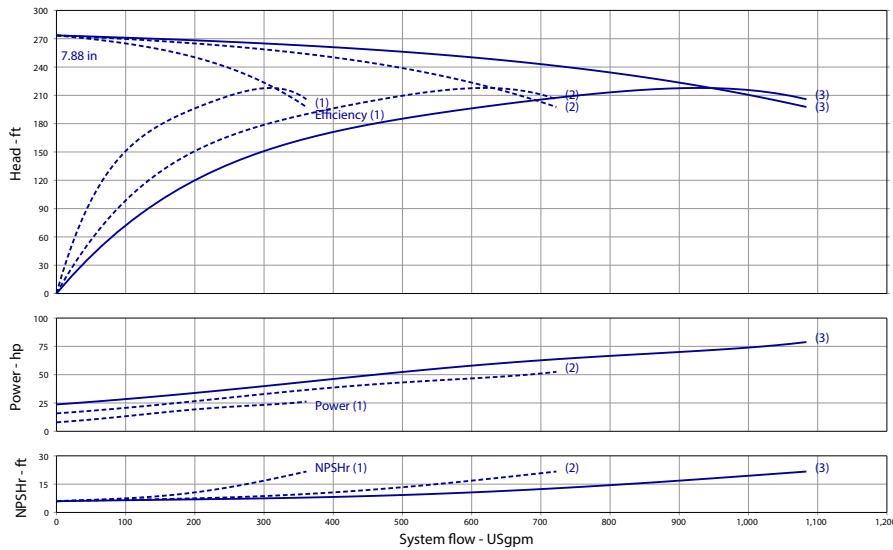


Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	270	270	270	x	270	270	270
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A2/TEFC			25	60Hz		

Article Number: 3402435



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A2/310/TEFC

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	3-208-230V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

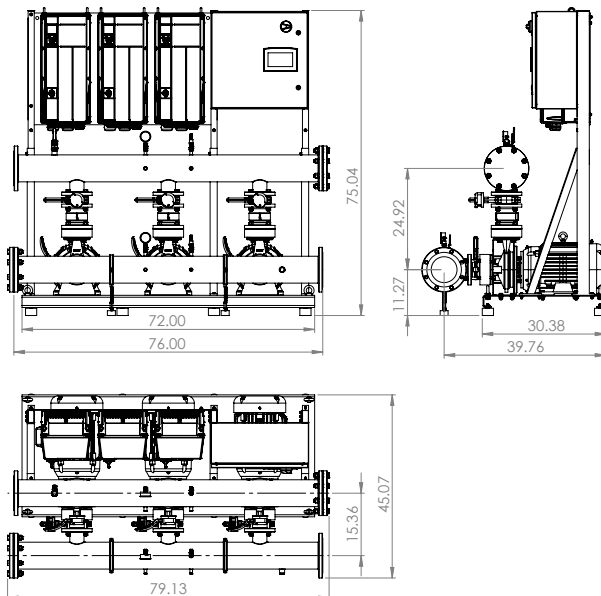
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

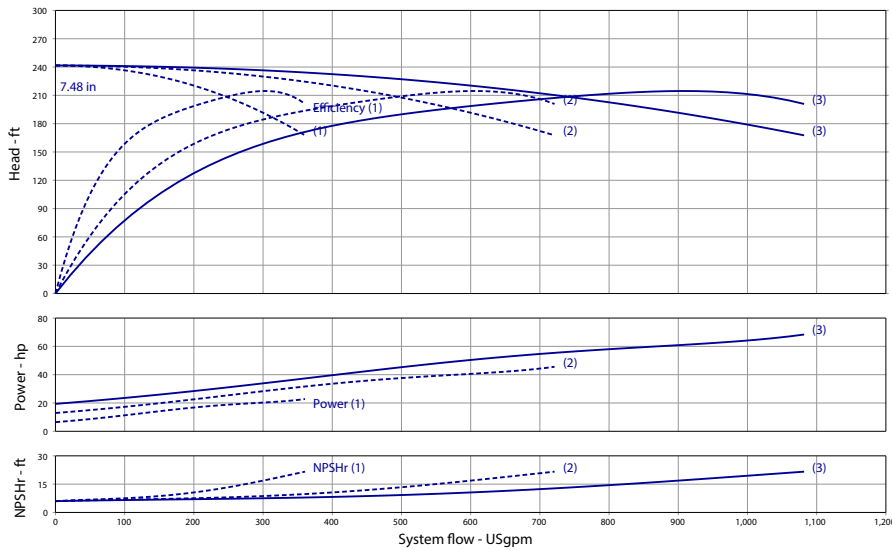


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B2/ODP			20	60Hz		

Article Number: 3402259



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B2/300/ODP

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	3-208-230V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

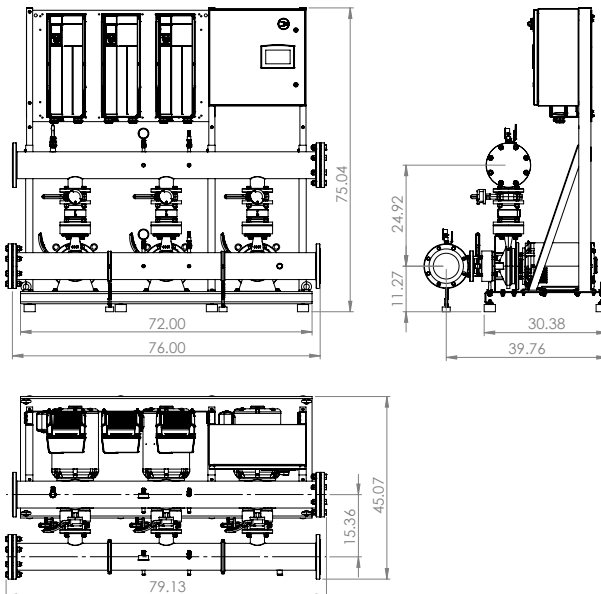
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

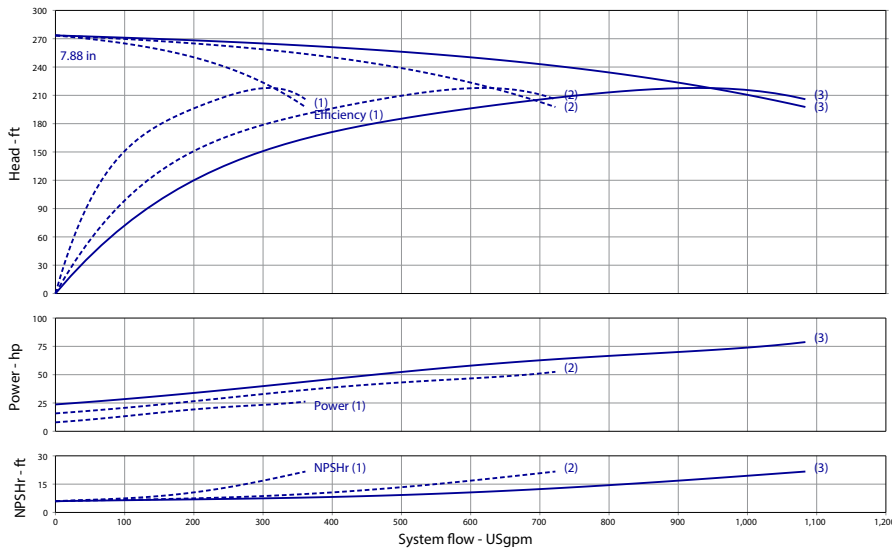


Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	225	225	225	x	225	225	225
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A2/ODP			25	60Hz		

Article Number: 3402261



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A2/310/ODP

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	3-208-230V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

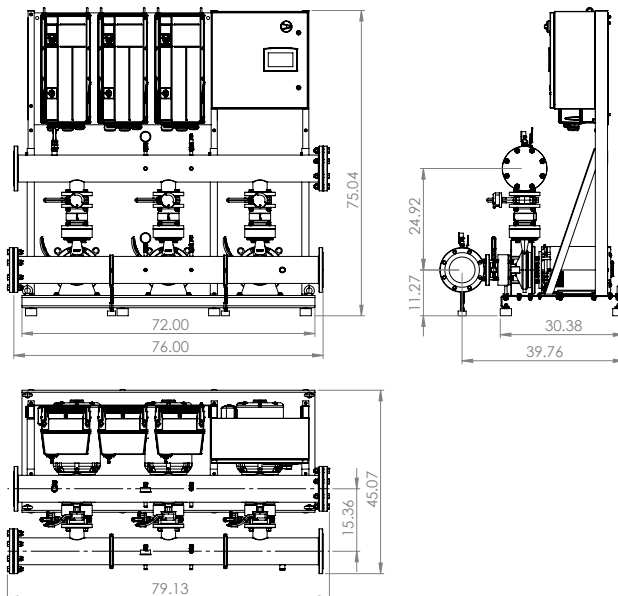
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-208-230
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

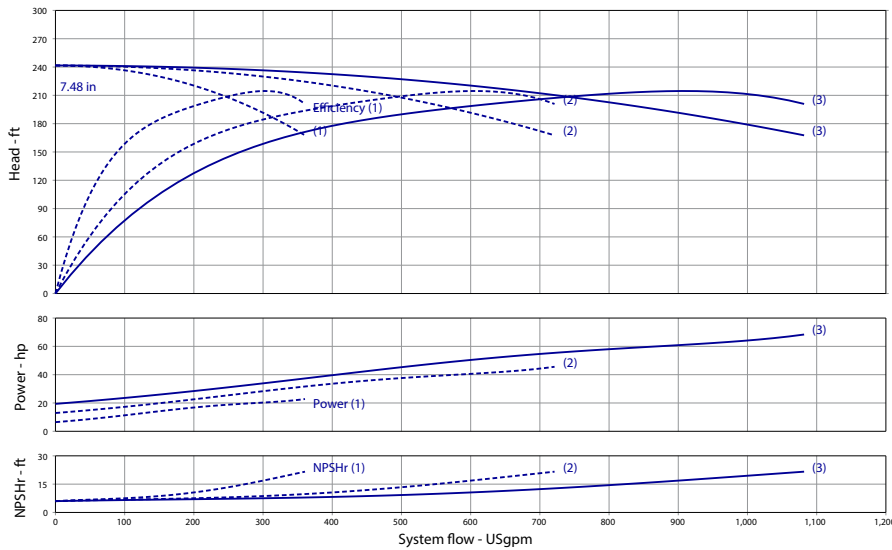


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B2/TEFC			20	60Hz		

Article Number: 3402438



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B2/300/TEFC

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	3-460V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

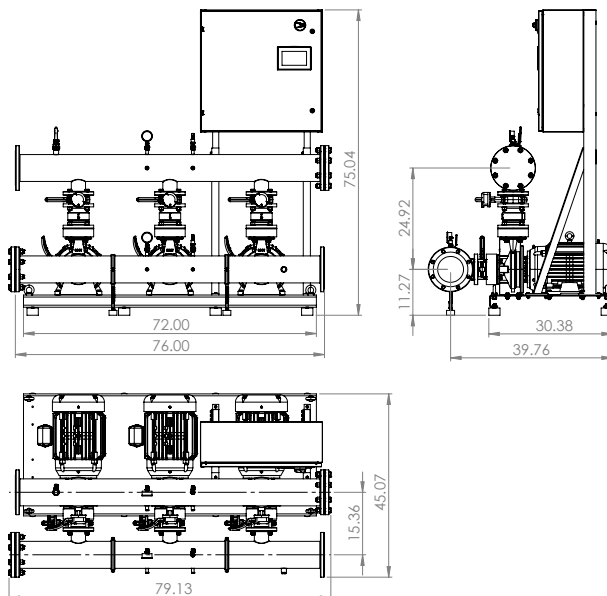
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

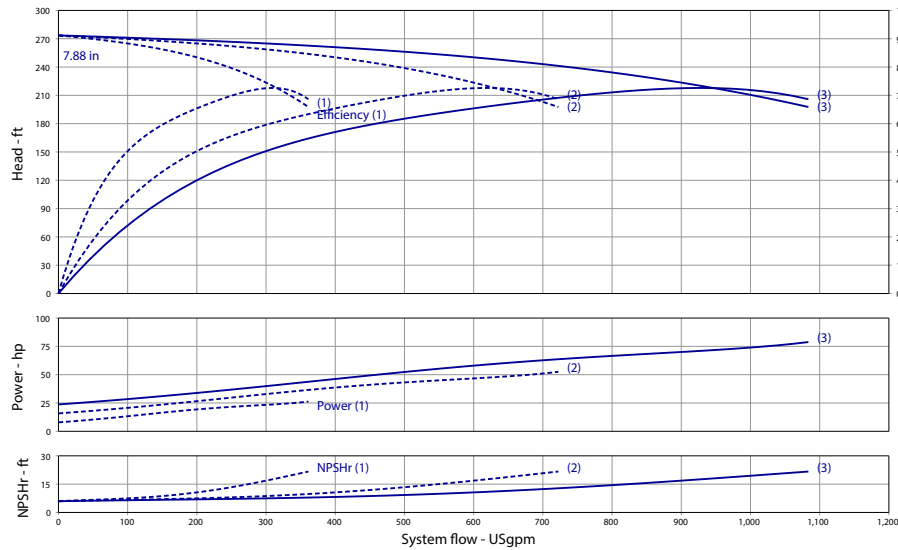


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	270	270	270	x	270	270	270
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A2/TEFC			25	60Hz		

Article Number: 3402440



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A2/310/TEFC

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	3-460V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

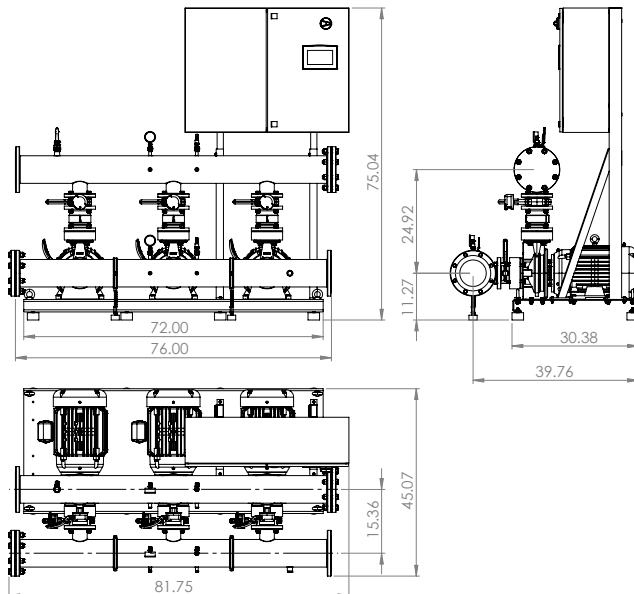
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

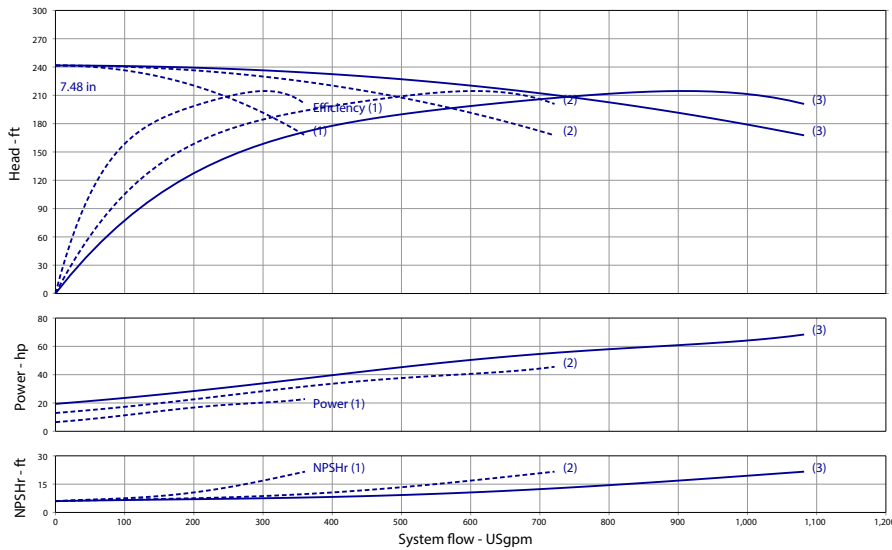


Triplex Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B2/ODP			20	60Hz		

Article Number: 3402264



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B2/300/ODP

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	3-460V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

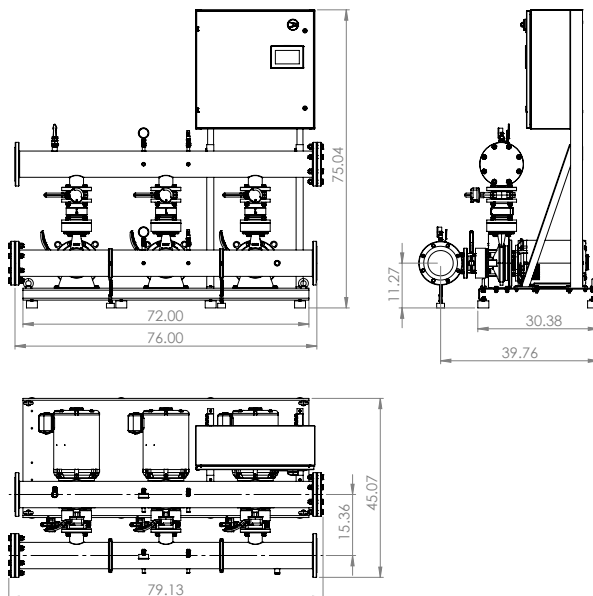
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

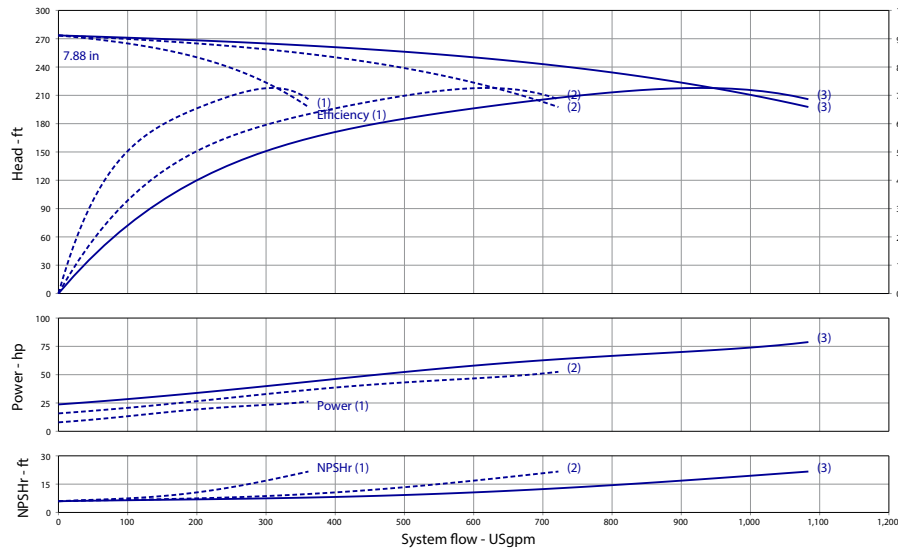


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	225	225	225	x	225	225	225
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A2/ODP			25	60Hz		

Article Number: 3402266



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A2/310/ODP

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	3-460V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

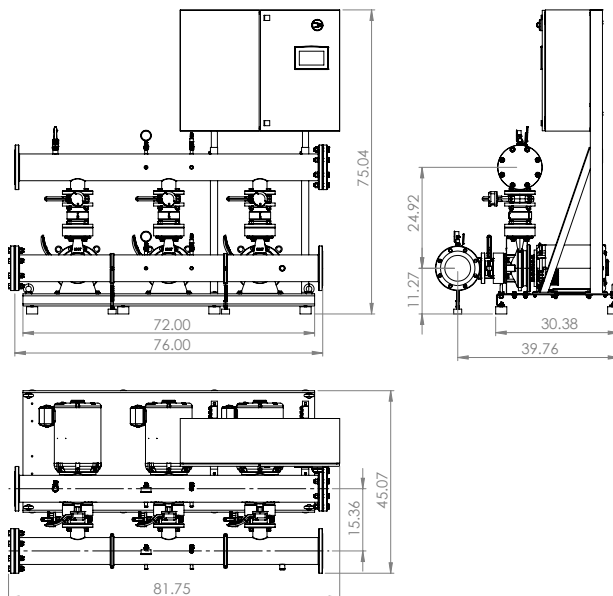
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-460
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

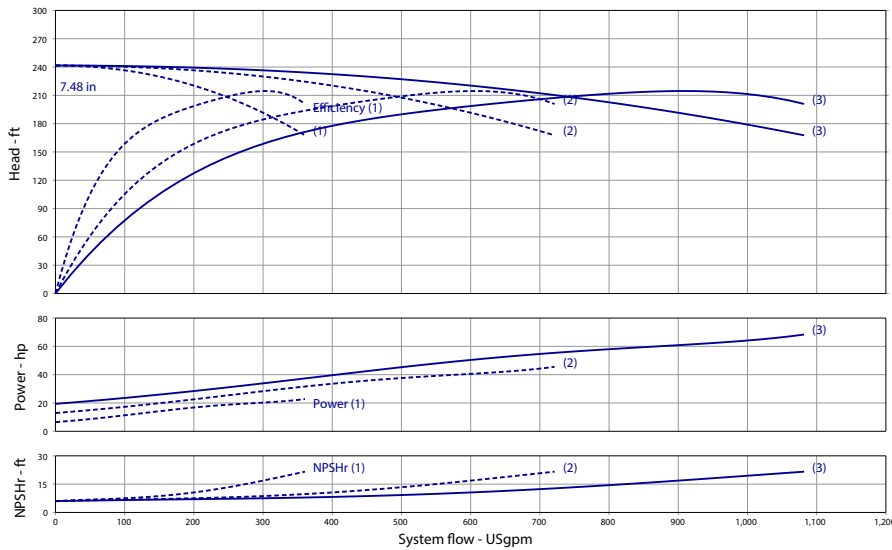


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B2/TEFC			20	60Hz		

Article Number: 3402443



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B2/300/TEFC

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	3-575V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

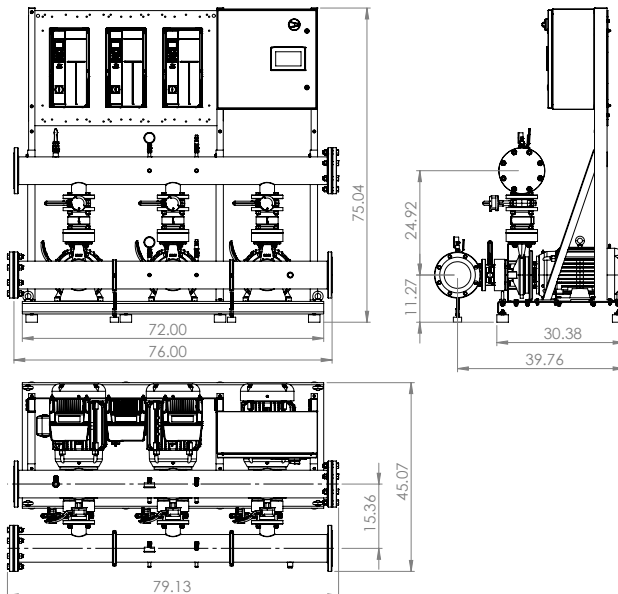
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

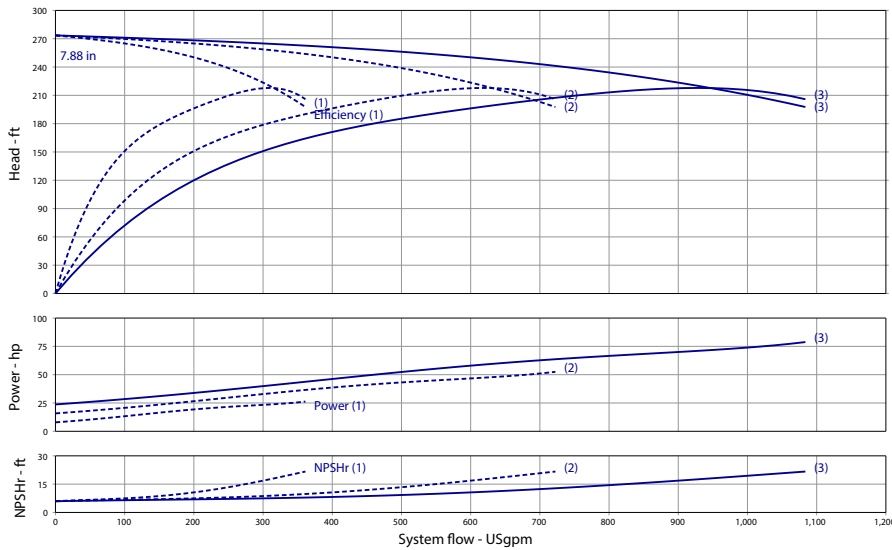


Phase and Voltage	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	270	270	270	x	270	270	270
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A2/TEFC			25	60Hz		

Article Number: 3402445



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A2/310/TEFC

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	3-575V
Enclosure	TEFC
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

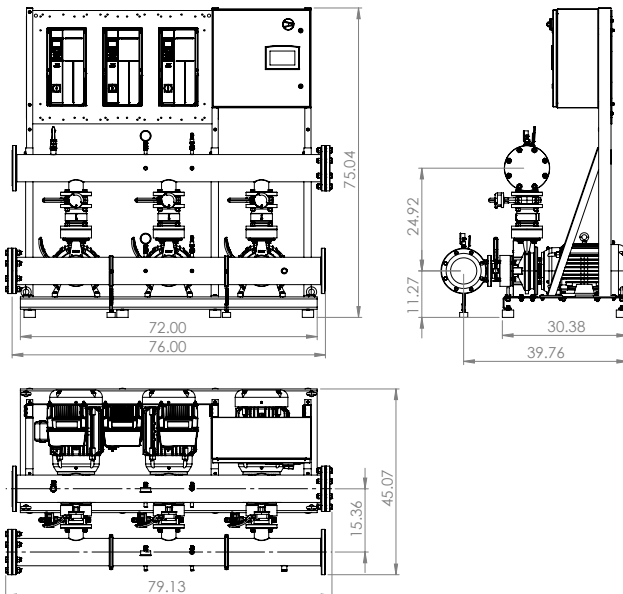
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

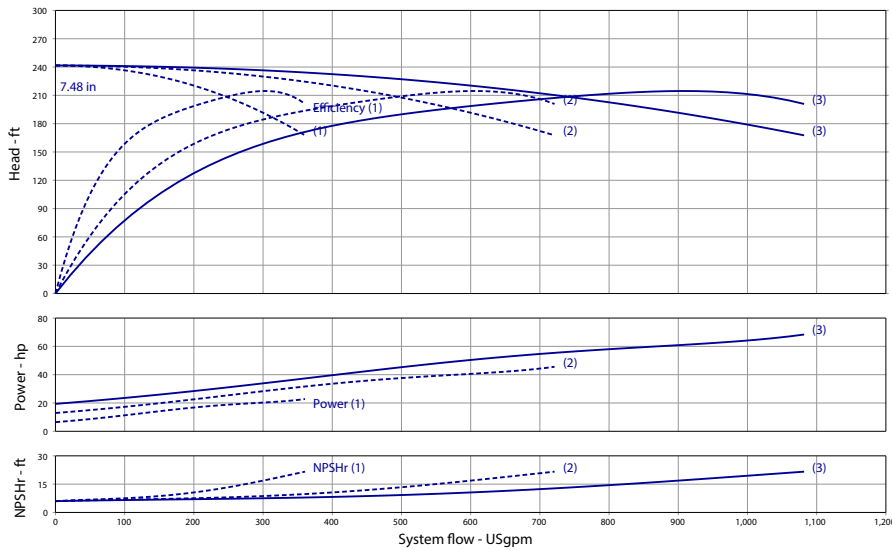


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/B2/ODP			20	60Hz		

Article Number: 3402269



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/B2/300/ODP

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	3-575V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	20
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

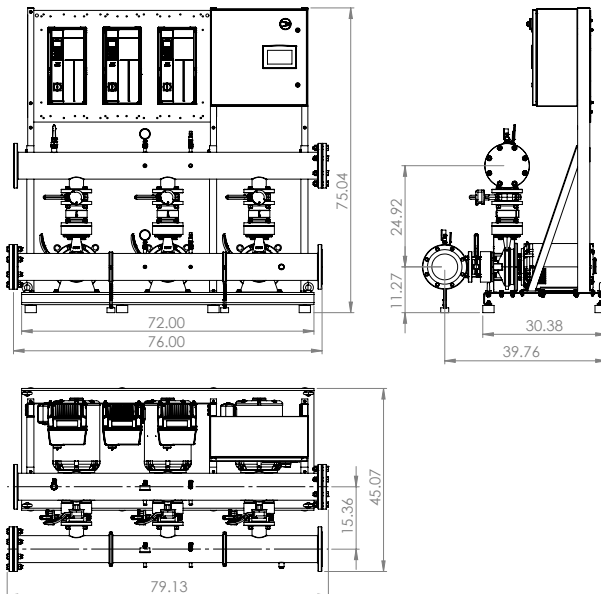
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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

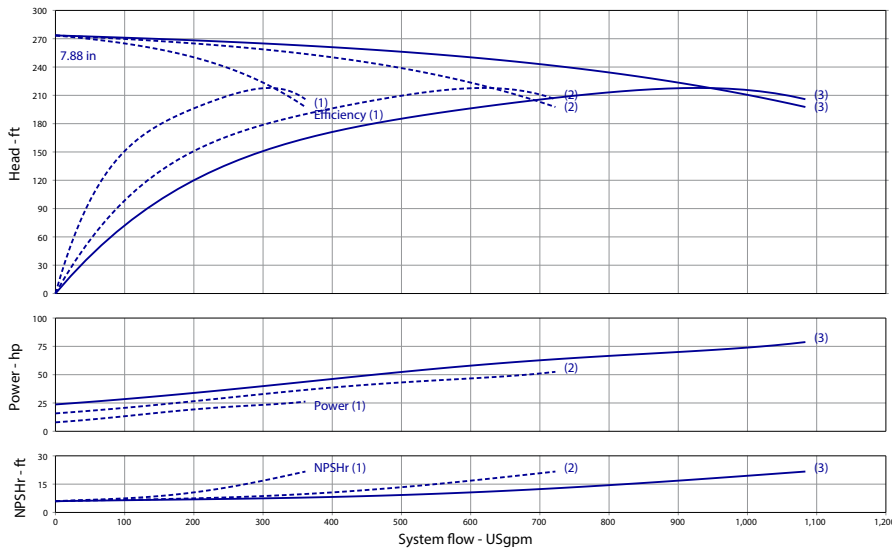


Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	47.0	23.5	19.0	x	47.0	23.5	19.0
Panel Weight (lbs)	x	100	164	92	x	100	164	92
External VFD Weight (ea - lbs)	x	60	x	50	x	60	x	50
Pump Weight (ea - lbs)	x	225	225	225	x	225	225	225
System Weight (lbs)	x	1797.94	1679.49	1851.56	x	1748.13	1629.68	1852.46



		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 3/328/A2/ODP			25	60Hz		

Article Number: 3402271



Product Info

Brand	Wilo
Product Description	WiBooster 3/328/A2/310/ODP

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	3-575V
Enclosure	ODP
Efficiency	NEMA Premium
Horsepower/Pump	25
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

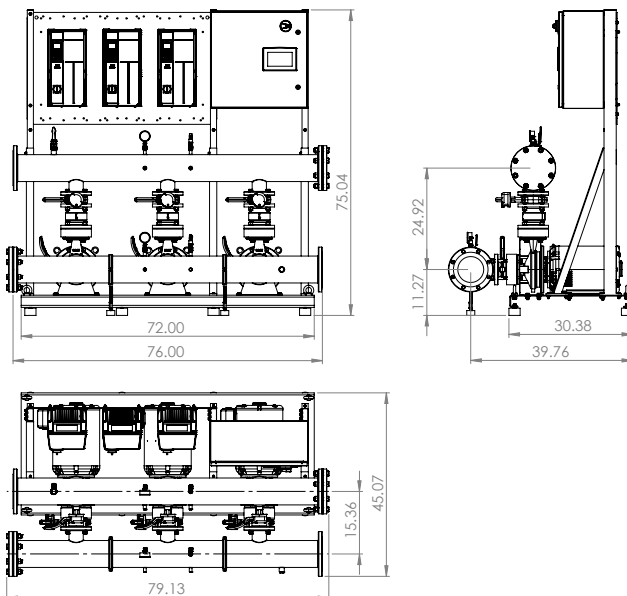
Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

Panel Info

Power Supply	3-575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-101/FC-202

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



Triplex Phase and Voltage	Full Flow Connection (in)			Half Flow Connection (in)				
	1-3-230V	3-208-230V	3-460V	3-575V	1-3-230V	3-575V	3-460	3-575
System Connection	x	6	6	6	x	4	4	4
Panel Dimensions (HxWxD)	x	24x24x8	30x39x12	24x24x8	x	24x24x8	30x39x12	24x24x8
Full Load Amps (Per Pump)	x	56.0	28.0	22.5	x	56.0	28.0	22.5
Panel Weight (lbs)	x	45	90	90	x	45	90	90
External VFD Weight (ea - lbs)	x	100	x	50	x	100	x	50
Pump Weight (ea - lbs)	x	325	325	325	x	325	325	325
System Weight (lbs)	x	2166.46	1876.99	2013.56	x	2116.65	1827.18	2014.46

