

Z1000 Bypass Package



1 - 500 HP

HVAC Optimized with Intelligent Bypass and Advanced BAS Interface

Features

- Two Contactor Bypass
- 100K AIC Package Rating
- Input “Non-Fused” Disconnect
- Drive H-O-A Keypad used for Bypass
- Standard Digital Inputs (5)
 - Run
 - Safety
 - BAS Interlock
 - Auto Transfer to Bypass
 - Smoke Purge
- Programmable Digital Inputs (3)
- Form “C” Programmable Relays (4)
- Built-in BACnet protocol (BTL certified), Apogee, Metasys, Modbus/Memobus accessible via RS-422/485 communication, which is standard
- All Bypass Functions Work with Serial Communications
- Phase Loss & Low Voltage Monitor - Protects Against Contactor Coil Burn-out
- Motor Amp Display in Bypass
- Duct Pressurization Function (Pre-run)
- Bypass Sync



NEMA 1 Wall-Mount Enclosed

- 50 - 100HP, 208V
- 100 - 200HP, 480V



NEMA 1 Floor Mount

- 125 - 150HP, 208V
- 250 - 500HP, 480V

OPTIONS

- ▶ Circuit Breaker - 100K AIC
- ▶ Drive Service Switch
- ▶ Three Contactor Bypass
- ▶ Custom Nameplate
- ▶ EtherNet/IP
- ▶ LonWorks

Z1000 Bypass Package

Models and Ratings

208V Models

Base No.: Z1Bx: (x denotes enclosure type)		D002	D003	D004	D007	D010	D016	D024	D030	D046	D059	
Rated Output Current (A)		2.4	3.5	4.6	7.5	10.6	16.7	24.2	30.8	46.2	59.4	
Nominal HP		0.5	0.75	1	2	3	5	7.5	10	15	20	
Dimensions (in) and Weight (lb)	Type 1	Height	41.60					45.10		48.20		
		Width	6.77								10.18	
		Depth	12.92								13.19	
		Weight	70					80		90		
	Type 12	Height	28.8					34.8		39.8		
		Width	17.9					20.5		25.5		
		Depth	17.9								17.3	
		Weight	150					210		275		
	Type 3R	Height	29.1					34.8		40.1		
		Width	21.2					23.7		28.7		
		Depth	21.4									
		Weight	150					210		275		

Base No.: Z1Bx (x denotes enclosure type)		D074	D088	D114	D143	D169	D211	D273	D343	D396		
Rated Output Current (A)		74.8	88.0	114.0	143.0	169.0	211.0	273	343	396		
Nominal HP		25	30	40	50	60	75	100	125	150		
Dimensions (in) and Weight (lb)	Type 1	Height	52.80	42.79		49.09		84.16				
		Width	12.68	25.80		28.41		41.26				
		Depth	14.20	16.06		20.87		33.94				
		Weight	160	280		380		950	1250	1650	1700	
	Type 12	Height	39.8	51.2		84.2						
		Width	25.5	32.7		41.3						
		Depth	17.3	22.8		32.0						
		Weight	275	420	490	850	945		1215	1300	1350	
	Type 3R	Height	40.1	51.1		91.1						
		Width	28.7	39.0		41.3						
		Depth	21.4			50.7				46.6		
		Weight	275	420	490	850	945		1215	1300	1350	

Note: Data subject to change.



Z1000 Bypass Package

Models and Ratings

480V Models

Base No.: Z1Bx (x denotes enclosure)		B001	B002	B003	B004	B007	B011	B014	B021	B027	B034	B040	B52L	B052
Rated Output Current (A)		1.6	2.1	3.2	4.8	7.6	11.0	14.0	21.0	27.0	34.0	40.0	52.0	52.0
Nominal HP		0.5 / 0.75	1	2	3	5	7.5	10	15	20	25	30	40	40
Dimensions (in) and Weight (lb)	Type 1	Height	41.60					45.10			48.20			52.80
		Width	6.77					10.18			12.68			12.68
		Depth	12.92					13.19			14.20			14.20
		Weight	70					80			90			160
	Type 12	Height	28.8					34.8			39.8			
		Width	17.9					20.5			25.5			
		Depth	17.9					17.3			17.3			
		Weight	150					210			275			
	Type 3R	Height	29.1					34.8			40.1			
		Width	21.2					23.7			28.7			
		Depth	21.4					21.4			21.4			
		Weight	150					210			275			

Base No.: Z1Bx: (x denotes enclosure type)		B065	B077	B096	B124	B156	B180	B240	B302	B361	B414	B477	B590	
Rated Output Current (A)		65.0	77.0	96.0	124.0	156.0	180.0	240.0	302	361	414	477	590	
Nominal HP		50	60	75	100	125	150	200	250	300	350	400	500	
Dimensions (in) and Weight (lb)	Type 1	Height	52.80		42.79		49.09		84.16					
		Width	12.68		25.80		28.41		41.26			69.76		
		Depth	14.20		16.06		20.87		33.94			30.50		
		Weight	160		280		380		1250	1600	1700	1800	2100	2200
	Type 12	Height	51.2				84.2							
		Width	32.7				41.3		69.8					
		Depth	22.8				32.0		30.5					
		Weight	410	475	500	550	850	950		1200	1300	1315	1900	2100
	Type 3R	Height	51.1				91.1							
		Width	39.0				41.3						66.3	
		Depth	21.4				50.7				46.6		43.5	
		Weight	410	475	500	550	850	950		1200	1300	1315	1900	2100

Note: Data subject to change.



NEMA 1



NEMA 12



NEMA 3R