

Submittal Data



ALPHA1 15-55F/LC

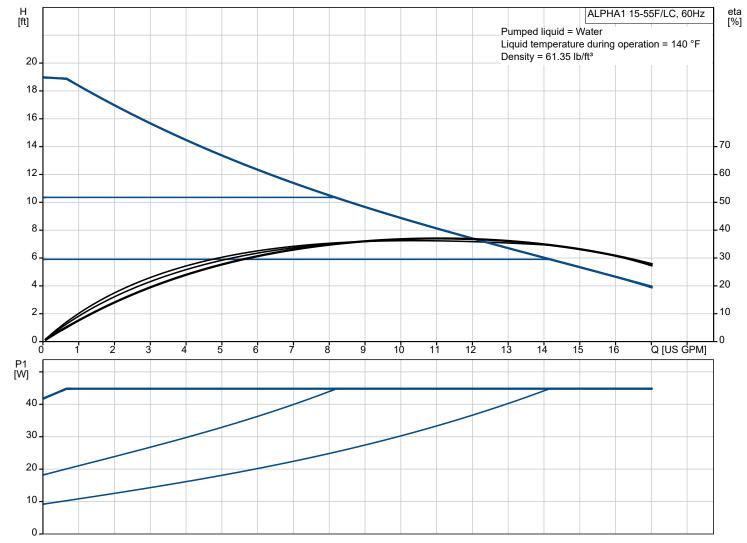
ALPHA1 15-55 is a high-efficiency ECM variable speed circulator designed for a variety of heating applications. The pump features three constant-pressure control modes.

Note! Product picture may differ from actual product

Conditions	of Service
Liquid:	Water
Temperature:	140 °F
Specific Gravity:	0.985

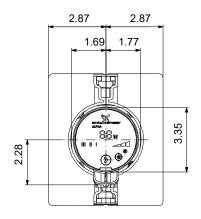
Pump Data		
Maximum operating pressure:	145.04 psi	
Liquid temperature range:	35.6 230 °F	
Maximum ambient temperature:	104 °F	
Approvals:	ETL, FCC	
Pipe connection:	1 1/2	
Product number:	99285998	

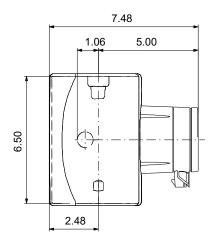
Motor Data	l
P1 max:	5 45 W
Rated voltage:	115 V
Mains frequency:	60 Hz
Enclosure class:	IP42
Insulation class:	F
Motor protection:	NONE
Thermal protection:	ELEC

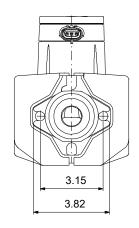


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Materials:

Pump housing: Cast iron

Pump housing: EN 1561 EN-GJL-150

Impeller: Composite

Description Value General information: ALPHA1 15-55F/LC Product No: 99285998 EAN number: 5713826588052 Technical: Head max: Head max: 18.05 ft TF class: 110 Approvals on nameplate: ETL, FCC Materials: Pump housing: Pump housing: EN 1561 EN-GJL-150 Impeller: Composite Installation: Composite Range of ambient temperature: 32 104 °F Maximum operating pressure: 145.04 psi Type of connection: GF Pipe connection: GF Pipe connection: 1 1/2 Pressure rating: PN 10 Port-to-port length: 6 1/2 in Liquid: Water Liquid: Water Liquid temperature range: 35.6 230 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Electrical data: F Power input - P1: 5 45 W <th></th> <th></th>		
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Pump housing: Pump housing: EN 1561 EN-GJL-150 Impeller: Composite Installation: Range of ambient temperature: Maximum operating pressure: Type of connection: Pipe connection: Pipe connection: Port-to-port length: Liquid: Pumped liquid: Liquid temperature: Density: Electrical data: Power input - P1: Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): Built-in motor protection: NONE Thermal protec: Controls: Post paid with the sum of	Approvals on nameplate:	ETL, FCC
Pump housing: Impeller: Composite Installation: Range of ambient temperature: Maximum operating pressure: 145.04 psi Type of connection: GF Pipe connection: Pipe connection: Port-to-port length: Liquid: Pumped liquid: Liquid temperature: 140 °F Density: 140 °F Density: 61.35 lb/ft³ Electrical data: Power input - P1: Maximum current consumption: Enclosure class (IEC 34-5): Built-in motor protection: NONE Thermal protec: Controls: Post sem box: Net weight: Gross weight: Shipping volume: Cappa 145.04 °F Composite 145.04 °F As 172 As 172 As 172 As 173	Materials:	
Impeller: Installation: Range of ambient temperature: Maximum operating pressure: Type of connection: Pipe connection: Pressure rating: Port-to-port length: Liquid: Pumped liquid: Liquid temperature: Density: Belectrical data: Power input - P1: Rated voltage: Rated voltage: Insulation class (IEC 34-5): Built-in motor protection: Thermal protec: Controls: Post bem box: Consposite Composite Composite A2 104 °F A4 11/2 PN 10 A1/2 A1/2 PN 10 A1/2 FOR A1/2 A1/2 FOR A1/2 A1/3 A1/4 A1/	Pump housing:	Cast iron
Installation: Range of ambient temperature: 32 104 °F Maximum operating pressure: 145.04 psi Type of connection: GF Pipe connection: 1 1/2 Pressure rating: PN 10 Port-to-port length: 6 1/2 in Liquid: Pumped liquid: Water Liquid temperature range: 35.6 230 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Electrical data: Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Pump housing:	EN 1561 EN-GJL-150
Range of ambient temperature: Maximum operating pressure: Type of connection: Pipe connection: Pressure rating: Port-to-port length: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Power input - P1: Maximum current consumption: Rated voltage: Insulation class (IEC 34-5): Built-in motor protection: None Thermal protec: Controls: Post weight: Rated voltage: Post term box: Others: Net weight: Gross weight: Shipping volume: 145.04 psi 140.04 psi 140	Impeller:	Composite
Maximum operating pressure: Type of connection: Fipe connection: Pipe connection: Pressure rating: Port-to-port length: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Power input - P1: Maximum current consumption: Maximum current consumption: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in motor protection: None Thermal protec: Controls: Pos term box: Others: Net weight: Grass weight: Shipping volume: 1 1/2 PN 10 65 1/2 in 14/2 14/2 15/4 15/4 14/6 15/4 14/6 15/4 14/6 15/4 14/6 15/4 16/5	Installation:	
Type of connection: GF Pipe connection: 1 1/2 Pressure rating: PN 10 Port-to-port length: 6 1/2 in Liquid: User Pumped liquid: Water Liquid temperature range: 35.6 230 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Electrical data: *** Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: *** Pos term box: 6H Others: *** Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Range of ambient temperature:	32 104 °F
Pipe connection: 1 1/2 Pressure rating: PN 10 Port-to-port length: 6 1/2 in Liquid:	Maximum operating pressure:	145.04 psi
Pressure rating: Port-to-port length: 6 1/2 in Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: 61.35 lb/ft³ Electrical data: Power input - P1: Mains frequency: Rated voltage: 1 x 115 V Maximum current consumption: Enclosure class (IEC 34-5): Ip42 Insulation class (IEC 85): Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: Others: Net weight: Gross weight: Shipping volume: Others Pos term sould in the series of the seri	Type of connection:	GF
Port-to-port length: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Power input - P1: Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): Built-in motor protection: Thermal protec: Pos term box: Others: Net weight: Go 1/2 in Water 60 1/2 in Water 140 °F 61.35 lb/ft³ Electrical data: Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Pipe connection:	1 1/2
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Power input - P1: Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): Built-in motor protection: Thermal protec: Controls: Post erm box: Others: Net weight: Gross weight: Shipping volume: Water Sate	Pressure rating:	PN 10
Pumped liquid: Water Liquid temperature range: 35.6 230 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Electrical data: Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Port-to-port length:	6 1/2 in
Liquid temperature range: 35.6 230 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Electrical data: Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Liquid:	
Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Electrical data: 5 45 W Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: Others: 6.5 lb Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Pumped liquid:	Water
Density: 61.35 lb/ft³ Electrical data: 5 45 W Power input - P1: 5 45 W Mains frequency: 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: Others: 6.5 lb Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Liquid temperature range:	35.6 230 °F
Power input - P1:	Selected liquid temperature:	140 °F
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Mains frequency: Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): Built-in motor protection: Thermal protec: Controls: Pos term box: Others: Net weight: Gross weight: Shipping volume: 60 Hz 0.1 0.65 A Enclosure class (IEC 85): F BUB42 IP42	Electrical data:	
Rated voltage: 1 x 115 V Maximum current consumption: 0.1 0.65 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Power input - P1:	5 45 W
Maximum current consumption: Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): Built-in motor protection: Thermal protec: Controls: Pos term box: Others: Net weight: Gross weight: Shipping volume: 0.10.65 A IP42 IP	Mains frequency:	60 Hz
Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): F Built-in motor protection: NONE Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Rated voltage:	1 x 115 V
Insulation class (IEC 85): Built-in motor protection: Thermal protec: Controls: Pos term box: Others: Net weight: Gross weight: Shipping volume: F NONE BLEC OH OH OH OH OH OH OH OH OH O	Maximum current consumption:	0.1 0.65 A
Built-in motor protection: Thermal protec: Controls: Pos term box: Others: Net weight: Gross weight: Shipping volume: NONE BLEC 6H OH OH OH OH OH OH OH OH OH	Enclosure class (IEC 34-5):	IP42
Thermal protec: ELEC Controls: Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Insulation class (IEC 85):	F
Controls: Pos term box: 6H Others: 6.5 lb Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Built-in motor protection:	NONE
Pos term box: 6H Others: Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Thermal protec:	ELEC
Others:Net weight:6.5 lbGross weight:7.26 lbShipping volume:0.28 ft³	Controls:	
Net weight: 6.5 lb Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Pos term box:	6H
Gross weight: 7.26 lb Shipping volume: 0.28 ft³	Others:	
Shipping volume: 0.28 ft ³	Net weight:	6.5 lb
		7.26 lb
Sales region: USA	Shipping volume:	0.28 ft ³
	Sales region:	USA

