

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

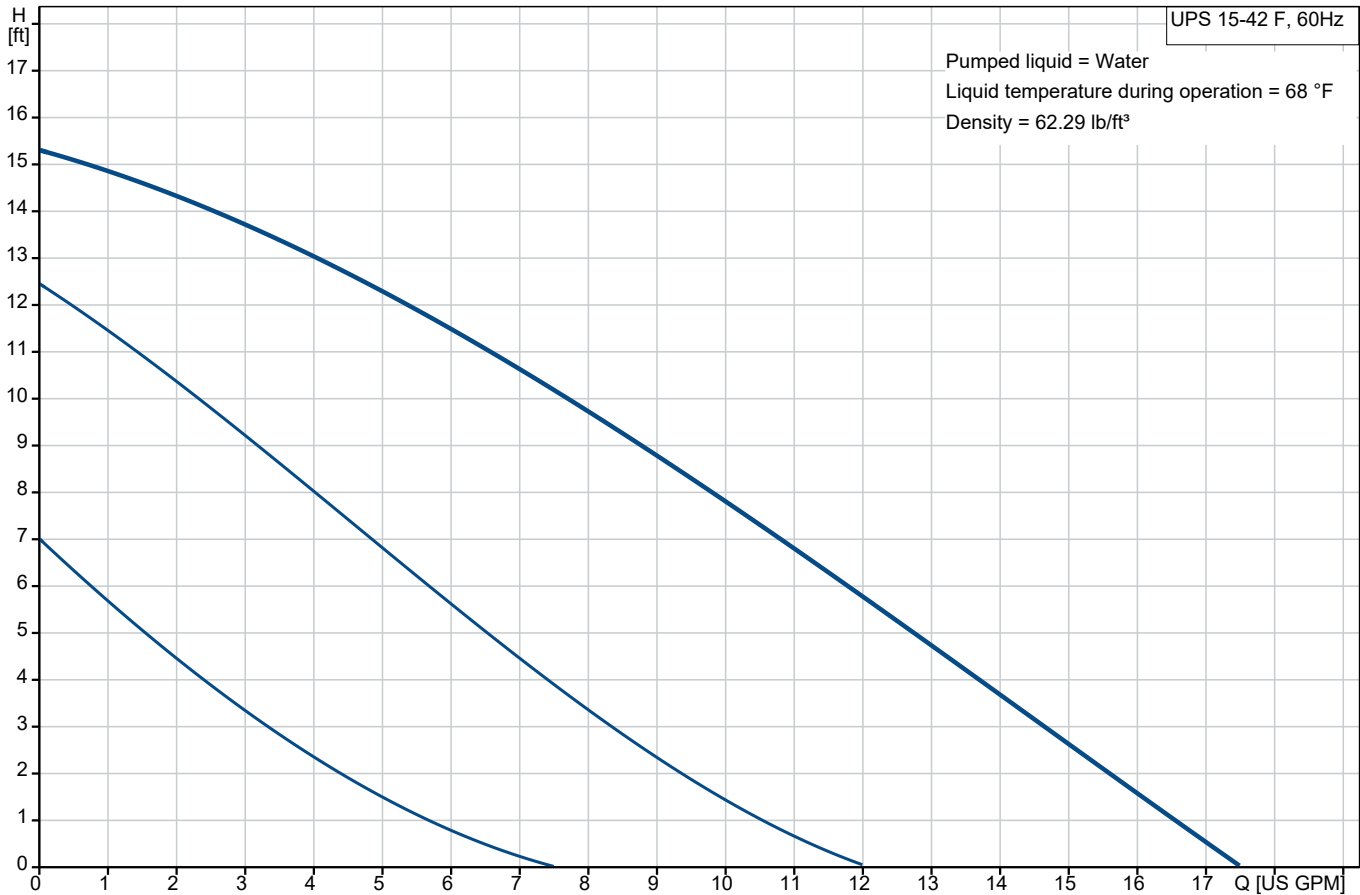


UPS 15-42 F

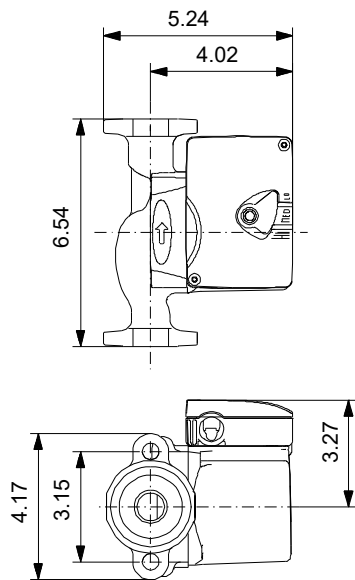
UPS is a three-speed circulator pump designed for heating and air-conditioning systems and is also used for central and district heating systems. The pump provides reliable and maintenance-free operation.

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water	Liquid temperature range: 35.6 .. 230 °F	Max. power input: 92 W
Temperature: 68 °F	Maximum ambient temperature: 104 °F	Mains frequency: 60 Hz
Specific Gravity: 1.000	Type of connection: C.I. Flange	Thermal protection: Impedance protected
	Pipe connection: 2-BOLT FLANGE	
	Product number: 59896180	



Submittal Data

**Materials:**

Pump housing: Cast iron
ASTM A48-25B

Impeller: Composite

Qty.	Description
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1	UPS 15-42 F
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Note! Product picture may differ from actual product

Product No.: [59896180](#)

The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid. The pump has 3-step speed selector.

The pump is characterized by:

- * Ceramic shaft and radial bearings.
- * Carbon axial bearing.
- * Stainless steel rotor can and bearing plate.
- * Corrosion-resistant impeller, Composite.
- * Cast iron pump housing.

The motor is a 1-phase motor.

No additional motor protection is required.

Controls:

Terminal box position: 9H

Liquid:

Pumped liquid: Water

Liquid temperature range: 35.6 .. 230 °F

Selected liquid temperature: 68 °F

Density: 62.29 lb/ft³

Technical:

Rated flow: 9.03 US GPM

Rated head: 8.75 ft

Approvals: UL, CSA

Materials:

Pump housing: Cast iron
EN 1561 EN-GJL-150
ASTM A48-25B

Impeller: Composite
PES+30% GF

Installation:

Maximum ambient temperature: 104 °F

Amb. max at 80 dgr C liquid: 176 °F



Company name:

Created by:

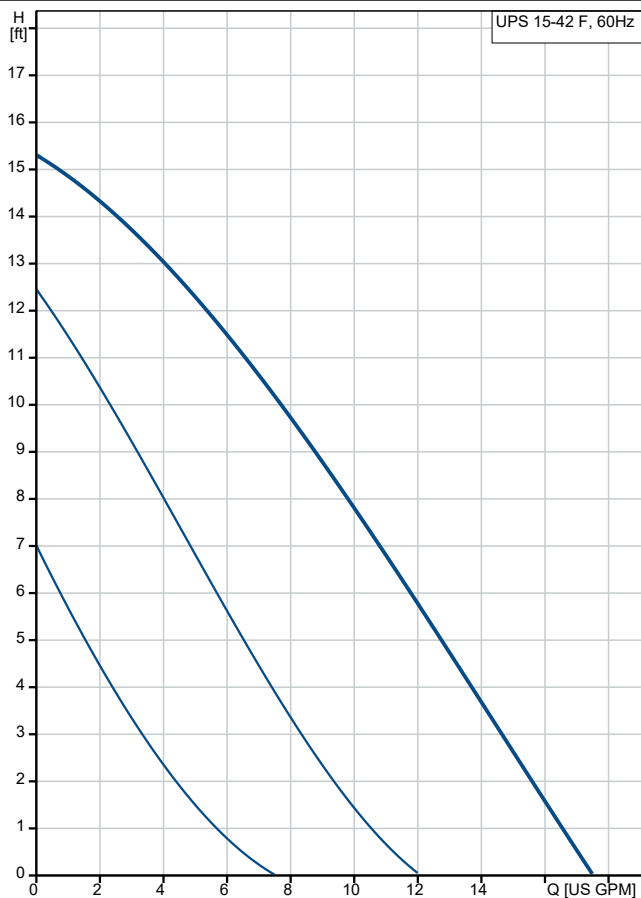
Phone:

Date:

10/05/2026

Qty.	Description
1	Maximum operating pressure: 145.04 psi Type of connection: 2-BOLT FLANGE C.I. Flange Pipe connection: 2-BOLT FLANGE Pressure rating for connection: PN 10 Port-to-port length: 6.54 in Terminal box position: 9H Electrical data: Power input in speed 1: 0.04023 HP Power input in speed 2: 40 W Max. power input: 92 W Mains frequency: 60 Hz Rated voltage: 1 x 230 V Current in speed 1: 0.14 A Current in speed 2: 0.19 A Current in speed 3: 0.41 A Capacitor size - run: 2 µF/400 V Number of poles: 2 Insulation class (IEC 85): F Ex-protection standard: CONTACT Others: Net weight: 6.35 lb Gross weight: 6.85 lb Country of origin: US Custom tariff no.: 8413.70.2005

Description	Value
General information:	
Product name:	UPS 15-42 F
Product No:	59896180
EAN number:	5700391413896
Price:	
Technical:	
Speed no:	3
Rated flow:	9.03 US GPM
Max. flow:	17.6 US GPM
Rated head:	8.75 ft
Maximum head:	15.42 ft
Approvals:	UL, CSA
Materials:	
Pump housing:	Cast iron
	EN 1561 EN-GJL-150
	ASTM A48-25B
Impeller:	Composite
	PES+30% GF
Installation:	
Maximum ambient temperature:	104 °F
Amb. max at 80 dgr C liquid:	176 °F
Maximum operating pressure:	145.04 psi
Type of connection:	2-BOLT FLANGE
	C.I. Flange
Pipe connection:	2-BOLT FLANGE
Pressure rating for connection:	PN 10
Port-to-port length:	6.54 in
Terminal box position:	9H
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	35.6 .. 230 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Power input in speed 1:	0.04023 HP
Power input in speed 2:	40 W
Max. power input:	92 W
Mains frequency:	60 Hz
Rated voltage:	1 x 230 V
Current in speed 1:	0.14 A
Current in speed 2:	0.19 A
Current in speed 3:	0.41 A
Capacitor size - run:	2 µF/400 V
Number of poles:	2
Insulation class (IEC 85):	F
Ex-protection standard:	CONTACT
Thermal protec:	Impedance protected
Controls:	
Terminal box position:	9H
Others:	
Net weight:	6.35 lb
Gross weight:	6.85 lb
Country of origin:	US
Custom tariff no.:	8413.70.2005



Pumped liquid = Water
 Liquid temperature during operation = 68 °F
 Density = 62.29 lb/ft³