

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

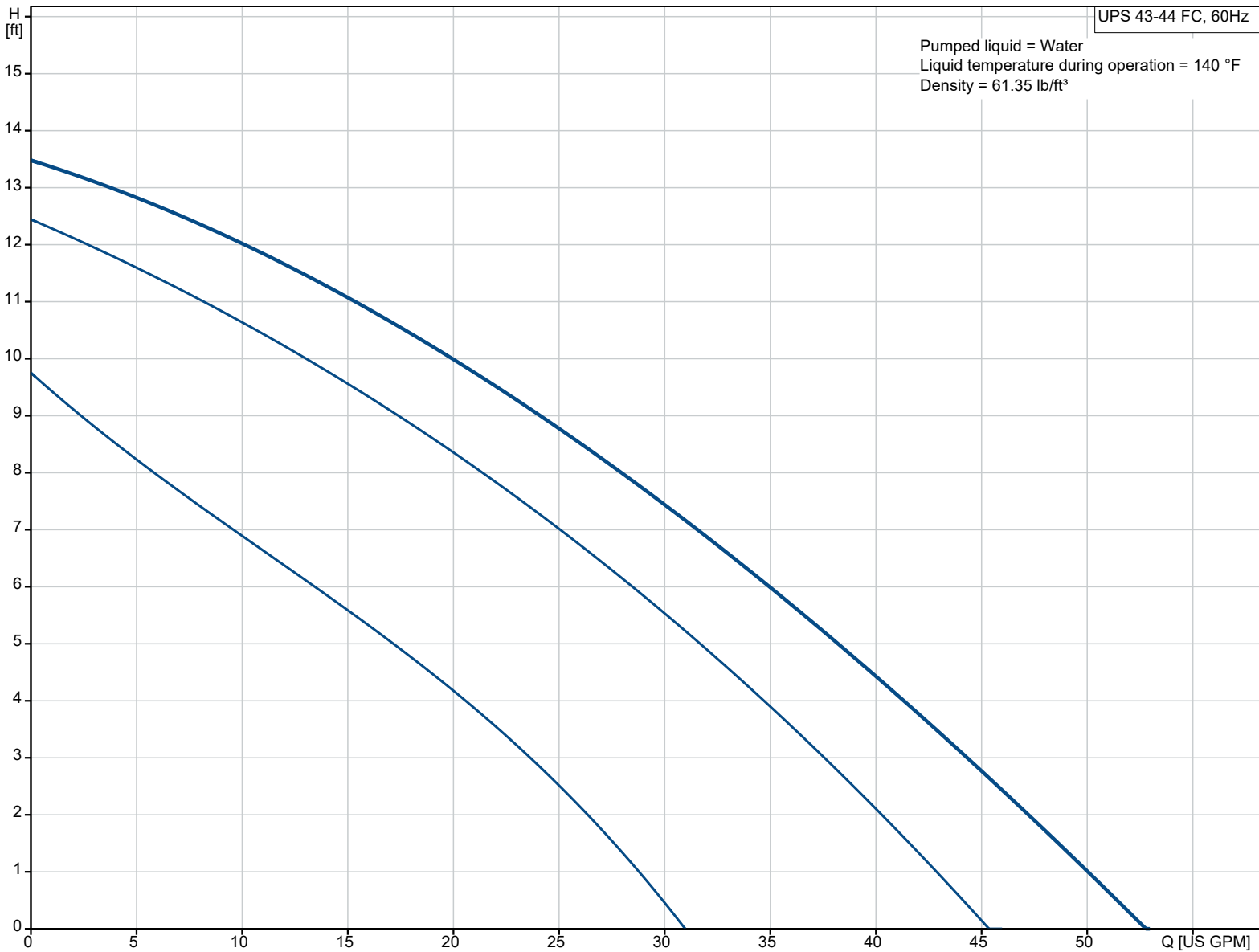


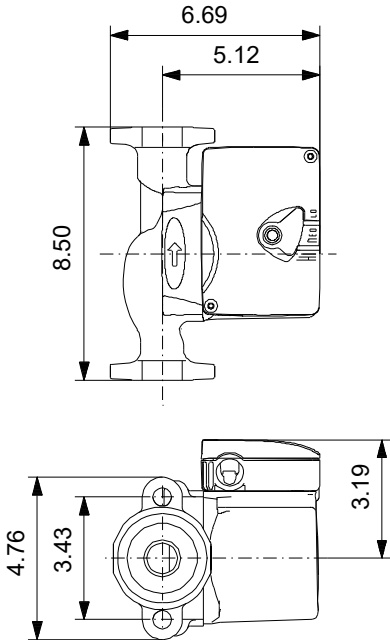
UPS 43-44 FC

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:	203 W
Temperature:	140 °F	Maximum ambient temperature:	104 °F	Mains frequency:	60 Hz
Specific Gravity:	0.985	Type of connection:	C.I. Flange	Thermal protection:	internal
		Pipe connection:	2-BOLT FLANGE		
		Product number:	52722514		





Materials:
Pump housing: Cast iron
Pump housing: ASTM A48-25B
Impeller: Composite

Qty.	Description
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1	UPS 43-44 FC
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Note! Product picture may differ from actual product

Product No.: [52722514](#)

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.

Liquid:

Pumped liquid: Water

Liquid temperature range: 35.6 .. 230 °F

Selected liquid temperature: 140 °F

Density: 61.35 lb/ft³

Technical:

Rated flow: 28.3 US GPM

Rated head: 7.924 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: OVAL
C.I. Flange

Pipe connection: 2-BOLT FLANGE

Pressure rating for connection: PN 10

Port-to-port length: 8 9/16 in

Electrical data:

Power input in speed 1: 0.2105 HP

Power input in speed 2: 189 W

Max. power input: 203 W

Mains frequency: 60 Hz

Rated voltage: 1 x 115 V

Current in speed 1: 1.4 A

Current in speed 2: 1.7 A

Current in speed 3: 1.8 A

Capacitor size - run: 20 µF/180 V



Company name:
Created by:
Phone:

Date: 27/06/2023

Qty.	Description
1	Number of poles:2 Insulation class (IEC 85):F Built-in motor protection:CONTACT Others: Terminal box position:9H Net weight:12.9 lb Gross weight:14 lb Country of origin:US Custom tariff no.:8413.70.2005