

Submittal Data

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



Note! Product picture may differ from actual product

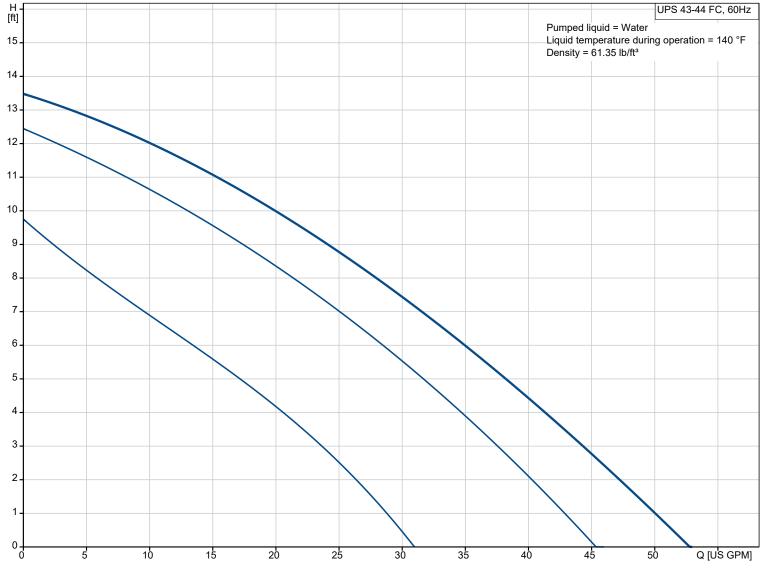
UPS 43-44 FC

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.

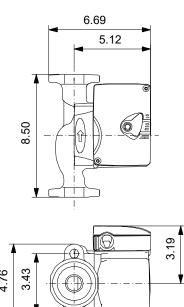
Conditions of Service		
Efficiency:	%	
Liquid:	Water	
Temperature:	140 °F	
NPSH required:	ft	
Specific Gravity:	0.985	

Pump Data		
Liquid temperature range:	35.6 230 °F	
Maximum ambient temperature:	104 °F	
Type of connection:	C.I. Flange	
Pipe connection:	2-BOLT FLANGE	
Product number:	52722514	

Motor Data	
Max. power input:	203 W
Mains frequency:	60 Hz
Thermal protection:	internal







Materials:

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



Company name: Hurley Engineering

Created by: Phone:

09/03/2023 Date:

Qty. | Description

1 **UPS 43-44 FC**

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 lubricatd 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 Max flow: 63 US GPM Rated head: 7.924 ft Approvals: UL, CSA

Materials:

Pump housing: Cast iron

EN 1561 EN-GJL-150 **ASTM A48-25B**

Composite

Impeller: PES+30% GF

Installation:

Max. ambient: 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

Number of poles: Insulation class (IEC 85):

Built-in motor protection: CONTACT

Others:

Terminal box position: 9H Net weight: 12.9 lb Gross weight: 14 lb

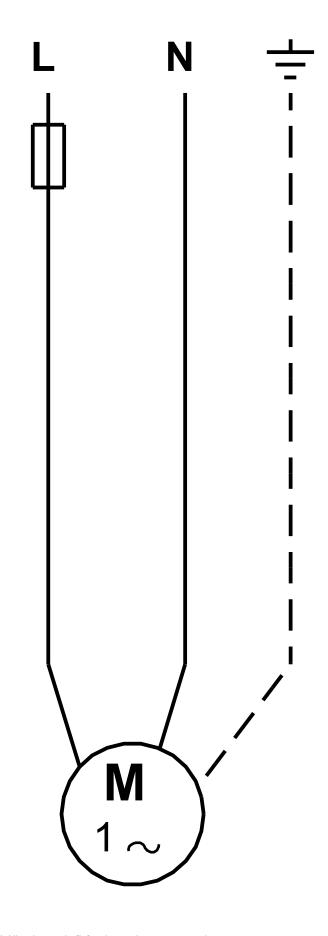


Company name: Hurley Engineering

Created by: Phone:

Date: 09/03/2023

52722514 UPS 43-44 FC 60 Hz



Note! All units are in [in] unless others are stated.