

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

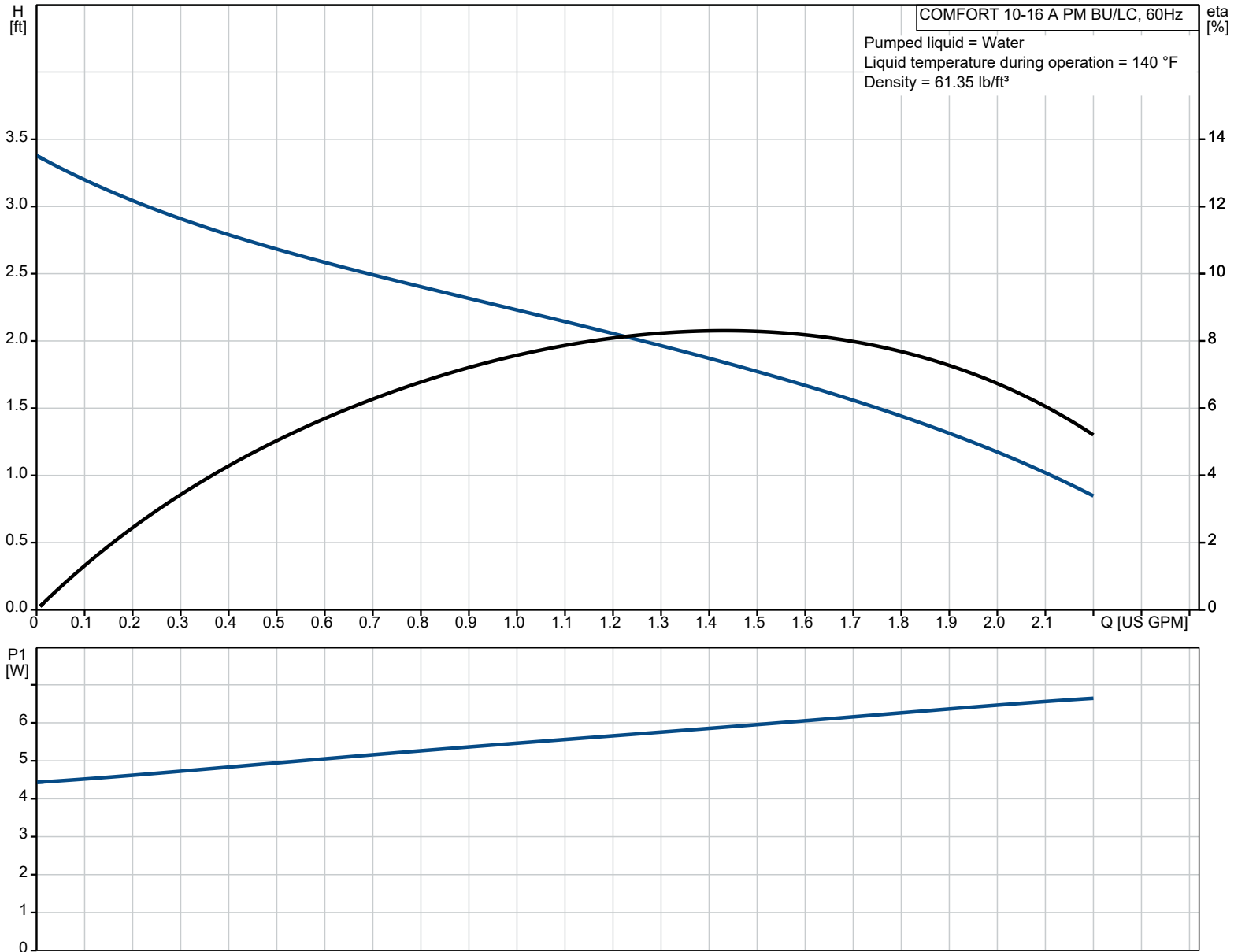


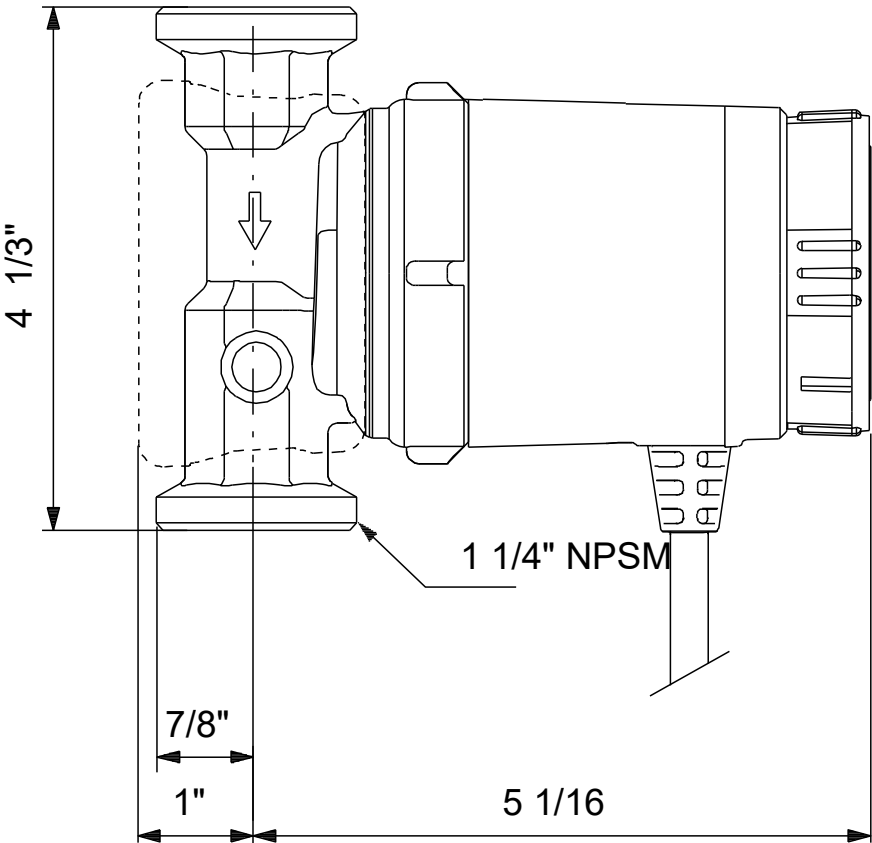
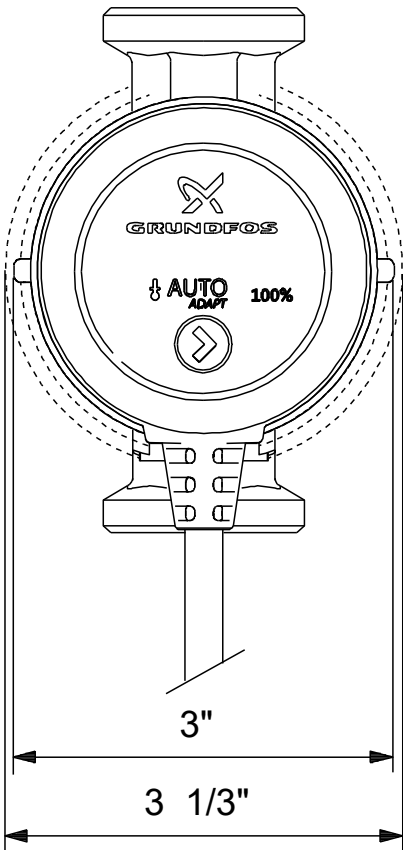
COMFORT 10-16 A PM BU/LC

Comfort is a compact and energy-efficient hot-water recirculation pump designed to deliver instant hot water to all faucets in private homes. The pump is easily installed and secures silent operation.

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Liquid temperature range:	35.6 .. 203 °F	Max. power input:	6 W
Temperature:	140 °F	Pipe connection:	1 1/4" NPSM	Mains frequency:	60 Hz
Specific Gravity:	0.985	Product number:	98420224	Enclosure class:	IP44
				Thermal protection:	IMPE





Materials:
Pump housing: Brass
Pump housing: ASTM B 505 ASTM B 371
Impeller: Composite

Qty.	Description
1	COMFORT 10-16 A PM BU/LC  Note! Product picture may differ from actual product Product No.: 98420224 The high-efficiency Grundfos Comfort PM range is a product for domestic hotwater re-circulation with lead free drinking water suitable pump housing for single- and two-family houses powered by a high efficiency single-phase, 12-pole, permanent-magnet motor. The AUTOADAPT function has been developed for domestic hot-water systems with hot-water tanks as primary heating source. In domestic hot-water systems with integrated temperature control functionality for raising and lowering the temperature on the recirculation pipe, Grundfos recommends using the COMFORT BX or COMFORT B models. To get the full advantages of the COMFORT AUTO model with the AUTOADAPT feature, Grundfos recommends installing the pump in systems with hot water storage tanks. Features and benefits: * Unique AUTOADAPT feature saving up to 48% heat energy and 97% motor energy compared with a standard pump in continuous operation * Flushing function * Automatic legionella eliminating operation (if supported from the system) * Automatic weekend and vacation detection * Temperature control (can be chosen through the push button) * Continuous operation (can be chosen through the push button) * Quick and simple electrical installation due to 1,5m cable incl. power plug * Dry running detection * Easy-to-clean and lime-insensitive spheric rotor * Wearless operation due to liquid lubricated bearing * No leakage risk due to a static seal * Easy maintenance and cleaning through the easy-to-separate pump head fitting almost all competitor pump housings * Corrosion resistant lead free brass pump housing * No additional motor protection necessary due to integrated motor electronics Liquid: Pumped liquid: Water Liquid temperature range: 35.6 .. 203 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Technical: Rated flow: 1.45 US GPM Rated head: 1.841 ft TF class: 95 Approvals: UL,CSA Materials: Pump housing: Brass ASTM B 505 ASTM B 371 Impeller: Composite PES+30% GF Installation: Maximum operating pressure: 145.04 psi Type of connection: NPSM Pipe connection: 1 1/4" NPSM Pressure rating for connection: PN 10 Port-to-port length: 4 3/8 in



Company name:
Created by:
Phone:

Date: 27/06/2023

Qty.	Description
1	Electrical data: Max. power input:6 W Mains frequency:60 Hz Rated voltage:1 x 115-230 V Current in speed 3:0.1 A Capacitor size - run:0.6 µF Enclosure class (IEC 34-5):IP44 Insulation class (IEC 85):F Built-in motor protection:NONE Cable type:Connecting cord with plug Type of cable plug:NEMA 1-15P Others: Net weight:3.17 lb Gross weight:3.4 lb Shipping volume:0.15 ft³ Country of origin:DE Custom tariff no.:8413.70.2005