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	1	<p data-bbox="343 338 603 367">UP 10-16 A PM BU/LC</p> <div data-bbox="352 445 719 723" style="text-align: center;">  </div> <p data-bbox="735 770 1190 795" style="text-align: center;">Product photo could vary from the actual product</p> <p data-bbox="343 801 608 831">Product No.: 98420224</p> <p data-bbox="343 862 1452 949">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.</p> <p data-bbox="343 978 1452 1032">The AUTOADAPT function has been developed for domestic hot-water systems with hot-water tanks as primary heating source.</p> <p data-bbox="343 1039 1436 1160">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.</p> <p data-bbox="343 1207 592 1236">Features and benefits:</p> <ul data-bbox="379 1238 1452 1709" style="list-style-type: none"> * Unique AUTOADAPT feature saving up to 48% heat energy and 96% 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 the highly reliable ALPHA 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 <p data-bbox="343 1740 427 1769">Liquid:</p> <table data-bbox="343 1771 858 1888"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>35.6 .. 203 °F</td> </tr> <tr> <td>Liquid temp:</td> <td>140 °F</td> </tr> <tr> <td>Density:</td> <td>61.35 lb/ft³</td> </tr> </table> <p data-bbox="343 1919 467 1948">Technical:</p> <table data-bbox="343 1951 799 2007"> <tr> <td>TF class:</td> <td>95</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>UL,CSA</td> </tr> </table> <p data-bbox="343 2038 459 2067">Materials:</p> <table data-bbox="343 2069 850 2098"> <tr> <td>Pump housing:</td> <td>Brass MS 68</td> </tr> </table>	Pumped liquid:	Water	Liquid temperature range:	35.6 .. 203 °F	Liquid temp:	140 °F	Density:	61.35 lb/ft ³	TF class:	95	Approvals on nameplate:	UL,CSA	Pump housing:	Brass MS 68
Pumped liquid:	Water															
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Density:	61.35 lb/ft ³															
TF class:	95															
Approvals on nameplate:	UL,CSA															
Pump housing:	Brass MS 68															



Company name:

Created by:

Phone:

Date:

1/18/2016

Position	Count	Description
		Impeller: Stainless steel, EPDM, PPO, PTFE, Graphit
		Installation:
		Maximum operating pressure: 145 psi
		Flange standard: USA Union
		Pipe connection: 1 1/4" NPSM
		Pressure stage: 10
		Port-to-port length: 3 1/8 in
		Electrical data:
		C run: 0.6 µF
		Max. power input: 6 W
		Main frequency: 60 Hz
		Rated voltage: 1 x 115-230 V
		Current in speed 3: 0,10/0,07 A
		Capacitor size - run: 0.6 µF
		Enclosure class (IEC 34-5): IP44
		Insulation class (IEC 85): F
		Cable type: Connecting cord with plug
		Type of cable plug: NEMA 5-15P
		Others:
		Shipping volume: 0.12 ft ³

Description	Value
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General information:

Product name:	UP 10-16 A PM BU/LC
Product No.:	98420224
EAN:	5711494712892
Price:	On request

Technical:

Speed Number:	1
Head max:	5.25 ft
TF class:	95
Approvals on nameplate:	UL, CSA
Valve:	pump with built-in isolating and non-return valves

Materials:

Pump housing:	Brass MS 68
Impeller:	Stainless steel, EPDM, PPO, PTFE, Graphit

Installation:

Maximum operating pressure:	145 psi
Flange standard:	USA Union
Pipe connection:	1 1/4" NPSM
Pressure stage:	10
Port-to-port length:	3 1/8 in

Liquid:

Pumped liquid:	Water
Liquid temperature range:	35.6 .. 203 °F
Liquid temp:	140 °F
Density:	61.35 lb/ft³

Electrical data:

C run:	0.6 µF
Max. power input:	6 W
Main frequency:	60 Hz
Rated voltage:	1 x 115-230 V
Current in speed 3:	0,10/0,07 A
Capacitor size - run:	0.6 µF
Enclosure class (IEC 34-5):	IP44
Insulation class (IEC 85):	F
Motor protection:	NONE
Thermal protec:	IMPE
Cable type:	Connecting cord with plug
Type of cable plug:	NEMA 5-15P

Others:

Shipping volume:	0.12 ft³
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