

JET PUMP RANGE

DOMESTIC SELF-PRIMING JET PUMP

Approved for
Drinking Water
AS/NZS 4020

2
YEAR
WARRANTY

WATER SOURCE



Above
Pump Level



Below
Pump Level



Mains
Water

APPLICATION



Household
Water



Irrigation



Mains
Boosting*

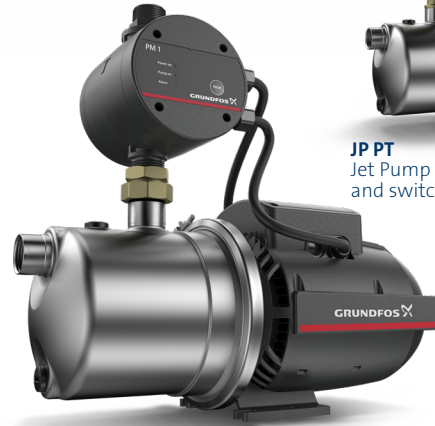
- Suitable for pumping from **water sources above and below the level of the pump**, including from above or below ground water tanks
- **Excellent value for money** for small to medium household use
- **High quality composite and stainless steel construction inside and out**
- **Easy installation – plug & pump** - Connect to the pipework, prime the pump, plug into a power outlet and you're ready to pump



JP
Pump Only



JP PT
Jet Pump with pressure tank
and switch



JP PM
Jet Pump with Pressure Manager controller

70 dB **PUMP NOISE**



PUMP CONTROL & PROTECTION FEATURES



ANTI-CYCLING PROTECTION

The pump will be stopped and alarm activated if it repeatedly turns on and off over a short period of time (called 'cycling'), which could indicate a leaking pipe or dripping tap.



DRY-RUN PROTECTION

The pump will be stopped if no water is detected at the inlet, preventing internal damage and protecting your motor from damage.



LED STATUS INDICATORS

LED indicator shows whether the pump has power to it, is currently running or whether a protection feature has been activated alarm (JP PM only).



AUTO START/STOP

The pump will automatically start and stop when outlets (eg: taps) are turned on or off.

* Subject to local legislation

be
think
innovate

GRUNDFOS

TECHNICAL & PERFORMANCE DATA

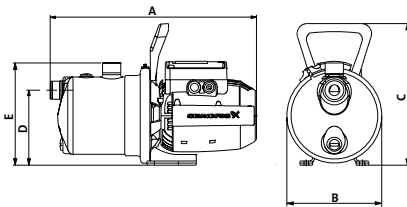
OPERATING CONDITIONS

Ambient Temperature	0°C to +40°C
Liquid Temperature	0°C to +40°C (Intermittent use to 55°C)
System Pressure	Max. 6 bar
Sound Pressure	JP 3-42: Max. 68 dB JP 4-47: Max. 70 dB JP 4-54: Max. 74 dB JP 5-48: Max. 81 dB

TECHNICAL DATA

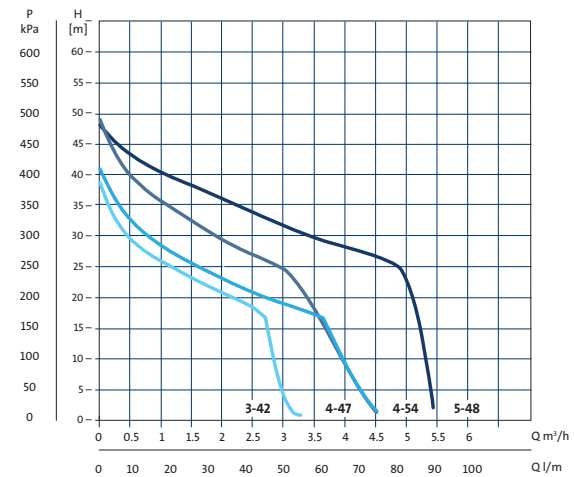
Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	1.5 m with plug
Enclosure Class	Undercover installation recommended (IP44)
Approvals and Markings	Approved for Drinking Water AS/NZS 4020 C-Tick Compliance

PHYSICAL ATTRIBUTES - JP

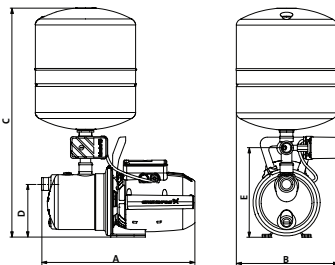


Model	Motor Power P2 (kW)	Connections		Dimensions (mm)					Weight (kg)
		Inlet	Outlet	A (l)	B (w)	C (h)	D (inlet)	E (outlet)	
JP 3-42	0.42	1" Female	1" Male	405	186	278	147	200	8
JP 4-47	0.56	1" Female	1" Male	405	186	278	147	200	9
JP 4-54	0.75	1" Female	1" Male	424	186	278	147	200	11
JP 5-48	1.01	1" Female	1" Male	424	186	278	147	200	13

PERFORMANCE CURVE

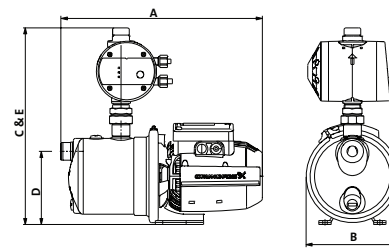


PHYSICAL ATTRIBUTES - JP PT



Model	Motor Power P2 (kW)	Connections		Dimensions (mm)					Weight (kg)
		Inlet	Outlet	A (l)	B (w)	C (h)	D (inlet)	E (outlet)	
JP 3-42 PT-V	0.42	1" Female	1" Female	423	284	635	147	248	15
JP 4-47 PT-V	0.56	1" Female	1" Female	423	284	635	147	248	16
JP 4-54 PT-V	0.75	1" Female	1" Female	442	284	635	147	248	18
JP 5-48 PT-V	1.01	1" Female	1" Female	442	284	635	147	248	19

PHYSICAL ATTRIBUTES - JP PM



Model	Motor Power P2 (kW)	Connections		Dimensions (mm)					Weight (kg)
		Inlet	Outlet	A (l)	B (w)	C (h)	D (inlet)	E (outlet)	
JP 3-42 PM1	0.42	1" Female	1" Male	405	186	390	147	390	11
JP 4-47 PM1	0.56	1" Female	1" Male	405	186	390	147	390	12
JP 4-54 PM1	0.75	1" Female	1" Male	424	186	390	147	390	12
JP 5-48 PM1	1.01	1" Female	1" Male	424	186	390	147	390	15



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