

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

The Grundfos Jet Pump range comprises three configurations, all built on the robust self-priming Grundfos JP Pump.

- **For water sources above and below pump level -** Designed with good suction lift capabilities, the pump is able to draw water up to 8 metres vertically from below the level of the pump
- **Excellent value for money** - Ideal for small to medium household use
- **Built to last** - Constructed of corrosion resistant composite and stainless steel components
- **Automated control and ongoing protection** - The Pressure Manager controller provides a basic level of pump control and protective features.
- **Easy installation – plug & pump** - Connect the pump inlet and outlet to the pipework, prime the pump, plug into a power outlet and you're ready to pump



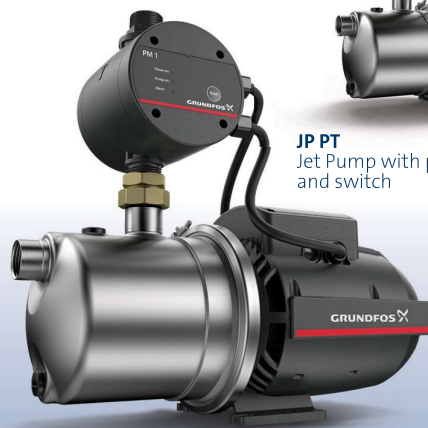
JP
Pump Only



SCAN THE QR CODE
TO LINK TO GRUNDFOS
PRODUCT CENTER



JP PT
Jet Pump with pressure tank
and switch



JP PM
Jet Pump with Pressure Manager controller

PUMP NOISE

SCALA2	CM Booster Self-Priming	CME Booster	Jet Pump Range
47 dB Max.	55 dB Max.	55 dB Max.	70 dB

PUMP SIZING

High pressure for double storey dwellings and long runs of pipe	JP 3-42	JP 4-54	JP 5-48
Adequate pressure for most single storey dwellings	JP 3-42	JP 4-47	JP 5-48
	Small House 2-3 taps	Medium House 3-4 taps	Large House 4-5 taps

PROTECTION & CONTROL*

	JP	JP PT	JP PM
Auto Start/Stop		✓	✓
Non-Return Valve		✓	✓
Dry Run Protection			✓
Anti-Cycling Protection			✓
Alarm Indication LED			✓

Taps are 15 l/min at 22.5 m head

*For full explanation of Protection and Controls see page 65-66

TECHNICAL & PERFORMANCE DATA

PERFORMANCE DATA

Model	Pressure - H[m]/psi														
	10/15	12.5/18	15/22	17.5/25	20/29	22.5/33	25/36	27.5/40	30/44	32.5/47	35/51	37.5/54	40/58	42.5/62	45/65
Flow - l/min															
JP 3-42	52	51	51	47	39	31	24	18	13	9					
JP 4-47	69	65	63	60	50	41	33	26	20	14	10				
JP 4-54	68	66	65	63	62	60	52	43	36	29	24	19	14		
JP 5-48	87	87	87	86	86	85	83	71	61	51	42	34	25	16	9

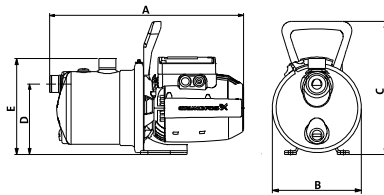
OPERATING CONDITIONS

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

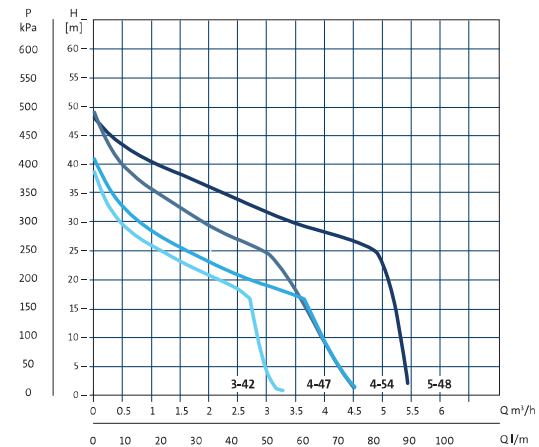
Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	1.5 m with plug
Enclosure Class	Undercover installation recommended (IP44)
Approvals and Markings	Approved for Drinking Water AS/NZS 4020 C-Tick Compliance

PHYSICAL ATTRIBUTES - JP

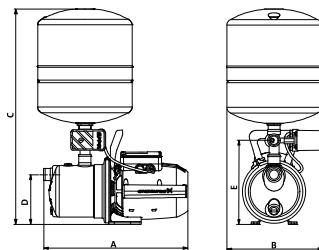


Model	Motor Power P2 (kW)	Connections		Dimensions (mm)					Weight (kg)
		Inlet	Outlet	A (l)	B (w)	C (h)	D (inlet)	E (outlet)	
JP 3-42	0.42	1" Female	1" Male	405	186	278	147	200	8
JP 4-47	0.56	1" Female	1" Male	405	186	278	147	200	9
JP 4-54	0.75	1" Female	1" Male	424	186	278	147	200	11
JP 5-48	1.01	1"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

PERFORMANCE CURVE

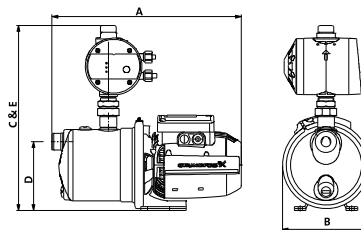


PHYSICAL ATTRIBUTES - JP PT



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