

Data sheet

RGMAT E G Pump Station

v1.6_04/2020

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Main features		
Application	keeping water temperature at boiler (fire) inlet by means of a thermostatic valve	
Description	consists of UPM3 FLEX AS pump, threaded fittings with shut-off ball valve, TSV3B valve (with automatic by-pass balancing), thermometer, insulation	
Function	pump station for solid-fuel boilers and fires, prevents low-temperature corrosion and boiler clogging	
Working fluid	water, water-glycol mix (max. 1:1) or water-glycerine mix (max. 2:1)	
Installation	on return pipe, min. pipe centre distance from wall = 100 mm	
Code max. boiler output		
14925 for 45 °C valve opening temperature	max. 48 kW	
15910 for 50 °C valve opening temperature	max. 44 kW	
14926 for 55 °C valve opening temperature	max. 37 kW	
15911 for 60 °C valve opening temperature	max. 33 kW	
14927 for 65 °C valve opening temperature	max. 27 kW	
15912 for 70 °C valve opening temperature	max. 23 kW	
Connection of UPM3 Flex AS Pump Pump Station Technical Data		
A B PWM (A) and power supply (B) connection	Fluid operating temp.	2 - 95 °C
	Max. working pressure	10 bar
	Ambient temperature	70 °C
	Max. relative humidity	95 % non condensing
	Power supply	230 V, 50 Hz
	Insulation material	EPP RG 60 g/l
	Overall dimensions	325 x 140 x 220 mm
	Total weight	3,25 kg
	Connection	3 x G 1" F
PWM (A) and power supply (B) terminals	Accessories	
	By-pass with non-return v.	code 16126
	UPM3 Flex AS 25-70 180 Pu	imp Data
↓ ■	Electric data	
-√ (L=1m)	Power supply	230 V, 50 Hz
	Power input (min./max.)	2/52 W
	Current (min./max)	0,04/0,50 A
	IP rating	IP44
	Max. speed	5766 rpm
	Weighted average power	≤ 23 W
↓ ↓ ↓ N (blue) ↓ ↓ L (brown)	Energy efficiency index	≤ 0.20 per EN 16 297/3
► PÈ (yellow-green)	Motor protection	not needed
PWM GND (blue) Min_pressures at the suction port to avoid cavitation		on port to avoid cavitation
PWM out (black) PWM in (brown)		0.5 mH₂O at 75 °C
	Min. pressures at pump suction port	5.1 mH ₂ O at 95 °C
		11 mH ₂ O at 110 °C

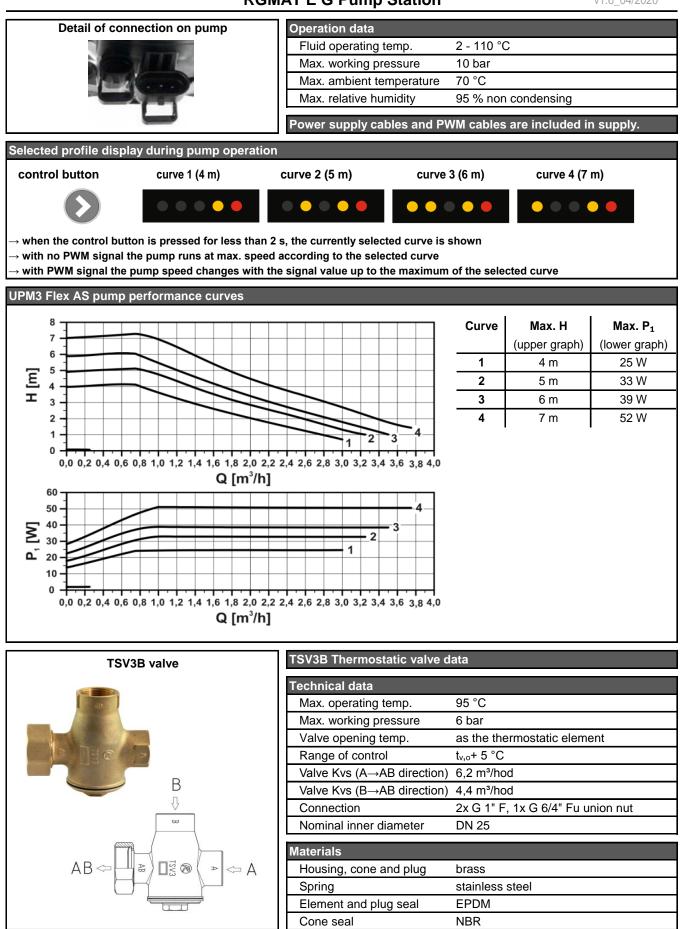


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