

ALPHA 26-150 F 165 AR 115V 9H

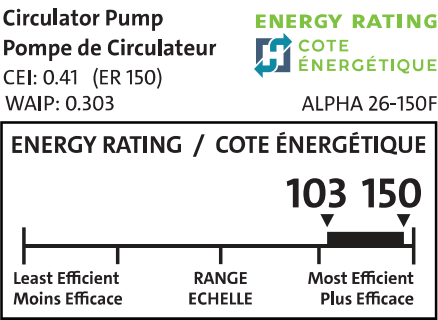


ALPHA 26 is a high-efficiency, variable speed, wet-rotor circulator fitted with an electronically commutated permanent magnet motor (ECM). Engineered for hydronic HVAC systems in large residential and light commercial buildings and supports many applications, including space heating, indirect domestic hot water (DHW), snow melting, and space cooling. Compatible with gas— and oil-fired boilers as a primary pump, with options for external control via 0–10 V DC voltage or pulse width modulation (PWM) signals. Suitable for cold water ground loops in geothermal heat pump applications, the pump is designed to operate in condensing environments where liquid temperature falls below the surrounding ambient temperature and is compatible with a 50/50 water/glycol mixture.

Features

- Compact design for effortless installation in tight spaces
- Easily replaces most circulators in the same class
- Display read-out showing flow, head and power, operating status
- Multiple control modes: proportional pressure, constant pressure and constant curve
- AUTOADAPT and constant flow control mode
- External input 0-10 V DC / PWM
- Easily rotate pump head by releasing 4 bolts
- Integrated nut-capture feature in flange connection
- Easy wiring via front-facing electrical connection
- Designed for condensing environment
- Dry-running protection
- Insulation shell included
- Serviceable design (control box and pump head as separate spare parts)
- Bluetooth connectivity and Grundfos GO app integration

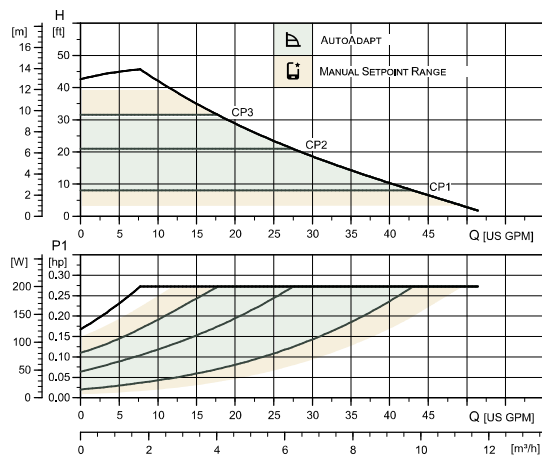
- Guided setup that recommends modes and settings for various hydronic applications
- System and pump venting
- Trend data showing historical data for flow, head, liquid temperature and on-cycle durations
- Event log with warning and alarm overview



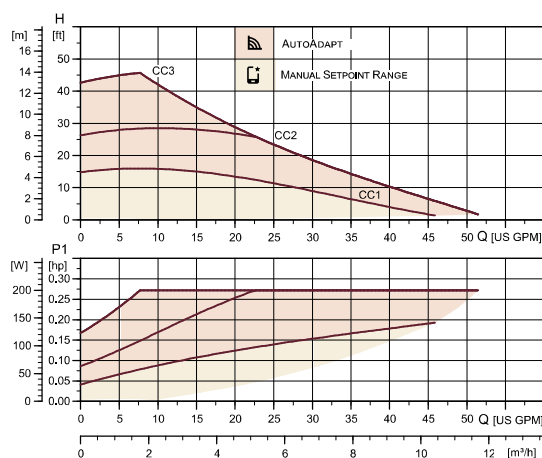
Technical data

Flow (Q)	Max. 52 US gpm (11.7 m³/h)
Head (H)	Max. 46.3 ft (14.1 m)
Thermal protection	Electronic (no external protection needed)
Enclosure	Indoor use only Type 2
Check valve	Included in the box
Flange-to-flange length	6.5" (165 mm) 8.5" (216 mm) with extension: PN: 93602598
Pump housing	Electrocoated cast iron
Connection type	2-bolt flange
Connection size	GF 15/26/40/43
Pipe size	3/4" - 2"

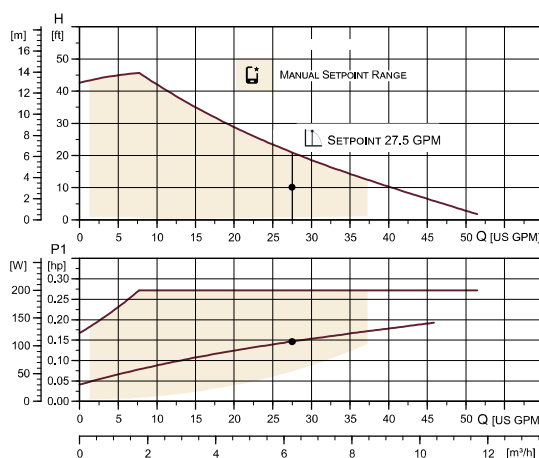
Performance curves



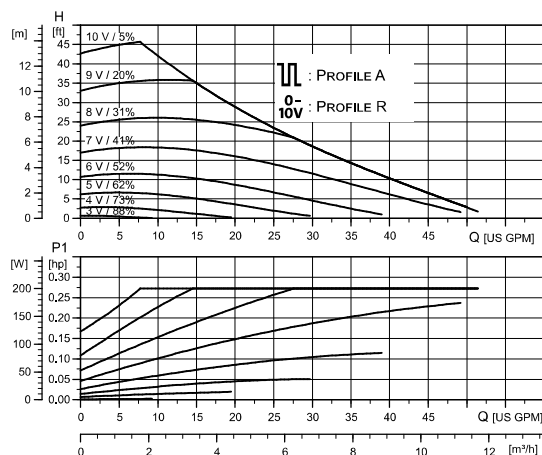
Constant pressure



Proportional pressure



Constant curve



0-10 V - PWM

Constant flow

Technical data

Ambient temperature	-4 to 131 °F (-20 to 55 °C)
Liquid temperature	-4 to 212 °F (-20 to 100 °C)
Operating pressure	Max. 150 psi (10.3 bar)

Electrical data, 1 × 115 V, 60 Hz

Speed	P ₁ [W]	I ₁ [A]
Min.	2	0.05
Max.	200	3.23

Approvals

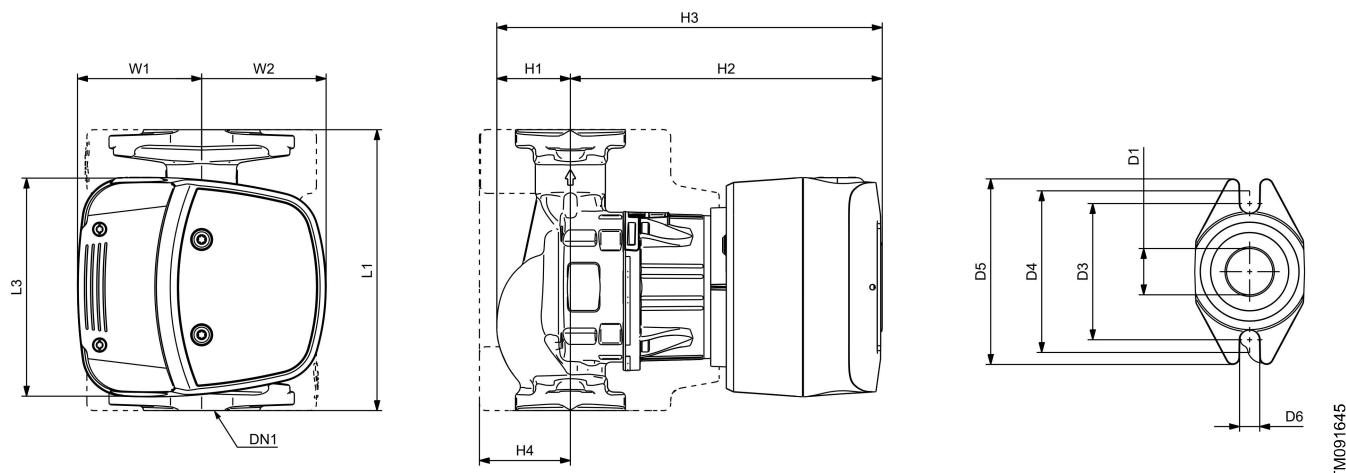


TN057110



TN073284

Dimensions and weights



Model	Product number	Dimensions [inch (mm)]													DN1	Ship. wt. [lb (kg)]
		L1	L3	W1	W2	H1	H2	H3	H4	D1	D3	D4	D5	D6		
ALPHA 26-150 F	93370657	6.50 (165)	5.06 (128.5)	2.87 (73)	2.88 (73.2)	1.70 (43.3)	7.18 (182.3)	8.88 (225.6)	2.1 (53.5)	1.07 (27.2)	3.15 (80)	3.43 (87)	4.29 (109)	0.47 (11.9)	GF 15/26/40/ 43	10 (4.6)

Competitor cross reference

Model	Grundfos	TACO	B&G	Armstrong
ALPHA 26-150 F 165 AR 115V 9H	UP 26-64	1400-10	ecocirc XL 20-35	Compass R 20-35
	UP 26-96	1400-20	ecocirc XL 36-45	Compass R 40-45
	UP(S) 26-99	1400-30 ¹⁾	PL-30	Astro 210
	UP 26-116	1400-40 ¹⁾	PL-36	Astro 280
	UP 26-120	1400-45	PL-45 ¹⁾	Astro 286
	UPS 26-150	2400-10-3P	PL-50 ¹⁾	Astro 290 ¹⁾
	UP(S) 43-44 ¹⁾	2400-20-3P	NRF - 33	E7.2
	UP 43-75 ¹⁾	2400-30-3P ¹⁾	NRF - 36	E8.2
	UPS 43-100 ¹⁾	2400-40-3P ¹⁾	NRF - 45 ¹⁾	E9.2
	ALPHA1 26-99 ²⁾	2400-45-3P	Series 100	E10.2 ¹⁾
	ALPHA2 26-99	009, 0010, 0011, 0012 ¹⁾ , 0013, 0014	Series HV ¹⁾	E11.2 ¹⁾
	UPML ²⁾	110, 111 ¹⁾ , 112, 113 ¹⁾	Series PR ¹⁾	E13.2 ¹⁾
	UPMXL ²⁾	0026e, 0034e, 0034eP		E15.2 ¹⁾
	MAGNA 32-60, 32-100, 32-120	VR3452		

¹⁾ Extension 2-bolt flange GF26 - GF43, L2" PN: 93602598.

²⁾ If externally controlled: signal cable required PN: 93627230.

93678439

ECM: 1452724 06.26