

## COMPRESSED AIR HEATER AND FILTER HEATER PACKAGES

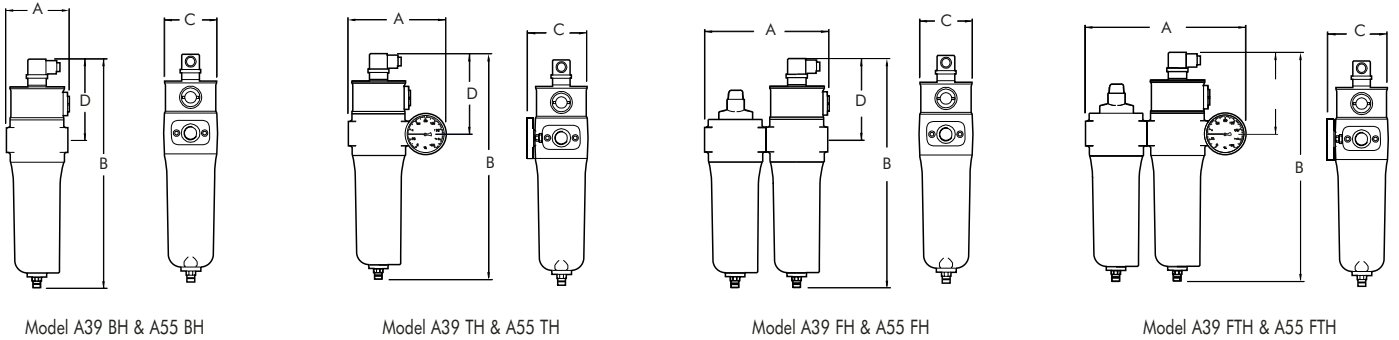


Compressed air in-line heater packages with unique features to ensure variable compressed air temperature control from 20°C (68°F) to 120°C (248°F), ideally suitable for industrial or breathing air applications. The compressed air line heater system uses an open wound heating coil and a high accuracy output temperature sensing device. This combination of fast responding heater and sensor allows the unit to adjust quickly to any variations in flow rate or line pressure, without deviation in the output temperature. The heater is controlled by a compact solid state temperature controller mounted on top of the unit. The temperature is set using a rotary knob located at the top of the unit. The exact temperature output is indicated by a bi-metallic thermometer clearly visible at the front of the heater, providing an independent indication of controller operation. Heaters can also be supplied, directly mounted to Walker Filtration pre-filters to ensure that process air is clean.

**W** WALKER  
FILTRATION

MODEL	PIPE SIZE	FLOW RATE		ELEMENT MODEL	NUMBER OF ELEMENTS	DIMENSIONS mm				WEIGHT		DIMENSIONS inch				MODEL
		Nm <sup>3</sup> /h	SCFM			A	B	C	D	Kg	lb					
A39BH	Rp 3/8	47	27	-	N/A	88	337	90	130	1	2.2	3 1/2	13 1/4	3 1/2	5 1/4	A39BH
A39FH	Rp 3/8	47	27	E511 XA	1	176	337	90	130	2.3	5	7	13 1/4	3 1/2	5 1/4	A39FH
A39TH	Rp 3/8	47	27	-	N/A	138	337	100	130	1.3	2.9	5 1/2	13 1/4	4	5 1/4	A39TH
A39FTH	Rp 3/8	47	27	E511 XA	1	226	337	100	130	2.6	5.8	9	13 1/4	4	5 1/4	A39FTH
A55BH	Rp 1/2	92	54	-	N/A	88	337	90	130	1	2.2	3 1/2	13 1/4	3 1/2	5 1/4	A55BH
A55FH	Rp 1/2	92	54	E511 XA	1	176	337	90	130	2.3	5	7	13 1/4	3 1/2	5 1/4	A55FH
A55TH	Rp 1/2	92	54	-	N/A	138	337	100	130	1.3	2.9	5 1/2	13 1/4	4	5 1/4	A55TH
A55FTH	Rp 1/2	92	54	E511 XA	1	226	337	100	130	2.6	5.8	9	13 1/4	4	5 1/4	A55FTH

**NOTE:-** Pre-filtration grade X1 and XA should be used in conjunction with air line heaters.

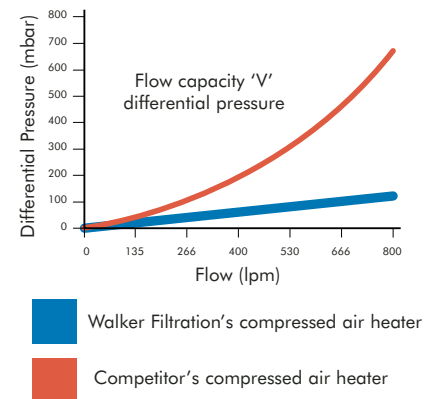


HEATER SPECIFICATION	230V AC		115V AC	
Supply voltage	230 volt AC -50/60Hz		115 volt AC -50/60Hz	
Power rating	1.5 Kw		1.5 Kw	
Maximum working pressure	16 barg	232 psig	16 barg	232 psig
Controlled output range	20°C to 120°C	68°F to 248°F	20°C to 120°C	68°F to 248°F
Minimum inlet temperature	-20°C	-4°F	-20°C	-4°F

HEATER COMPETITIVE ANALYSIS	WALKER FILTRATION LTD	COMPETITORS
Intelligent controller holds pre-set temperature level, independent of flow rate	✓	✗
Fully variable temperature control, between 20°C (36°F) and 120°C (248°F)	✓	✗
Outlet air temperature thermometer option	✓	✗
Body of heater remains cool during operation	✓	✗
Enclosure protection rating : IP65	✓	✗
Pressure loss maximum 100 mbar (1.45 psi)	✓	✗
Stand by-mode for no flow situation and for economic power conservation	✓	✗
Semi-automatic drain as standard safety feature	✓	✗
Precise internal temperature sensor	✓	✗

## NOTES

- Cool to touch** heaters and filter heaters are manufactured from aluminium and carry the CE mark.
- Threaded connections are BSP parallel to ISO7/1 or NPT to ANSI B2.1 if supplied within North America.
- If used in a breathing air installation, the air line heater and filter packages will not remove certain types of gases including Carbon Monoxide and Carbon Dioxide.
- Semi automatic drain valves, model SADV 25 with manual override facility are fitted as standard to all heaters. Float operated automatic drain valves, model AD16 with manual override facility are fitted to all filters.
- Mounting brackets and connecting kits are available, see accessory product leaflet.
- All filter bodies feature the Walker E-Coat™ and are coated with blue polyester powder paint finish to eliminate corrosion.
- Threaded filters and filter elements are suitable for use with mineral and synthetic oils plus oil free compressed air applications.
- Airline heaters must not operate where liquid oil and water are present.
- Electrical connections to the unit are via an industry standard DIN connector.
- Heaters and filter heaters are silicone free.
- The maximum increase in temperature at the maximum rated flow is 80°C.



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