



MADE IN ITALY

MILITARY RANGE



BIEMMEDUE SOLUTIONS FOR MILITARY & FIELD CAMPS

**Clean air heating for personnel
and equipment in any type of
climate zone and in all weather
conditions.**

MH WARM AIR HEATERS ARE UNITS DEVELOPED TO HEAT TENTS AND SHELTERS.

- MH heaters are installed outside the tent and supply heating to the tents
- MH heaters are portable, lightweight and low noisy equipment, easy to transport with pneumatic wheels or frame
- MH heaters work with an indirect fired combustion system to insure only clean breathable air. A remote control into the tents with thermostat and CO and/or CO2 sensors ensure safety and comfortable ambient.
- MH heaters are self contained units, only an electric power generator and fuel are required
- MH heaters can operate with all type of diesel fuel, winter diesel and kerosene
- MH heaters are equipped to work with their own fuel tank or external jerry cans
- MH heaters are equipped with pre-warming systems to grant reliable heating to the tent in very cold environments



BIEMMEDUE NCAGE number A5132

MH 32/55 LC & HC



SUPPLIED ACCESSORIES

1. Large pneumatic wheels (Ø 250 mm)
2. Lifting/tie down kit
3. Double chimney support kit with elastic ropes
4. 1,5 meter chimney + chimney hood
5. Inlet/Outlet cap with elastic ropes
6. Double handles to easy transport
7. Militar Amphenol socket for thermostat cable
8. Remote control cable l=10m (-40°C resistant) with quick connection military Amphenol socket
9. Power cable l=6m with Mennekes IP67 plug
10. One way outlet cone (Ø 300/350 mm)
11. Inlet cone (Ø 300/350 mm) with sliding door
12. Pre-heated fuel filter
13. Teflon PTFE - 60°C resistant fuel hose, SS coated
14. Fuel tank cap with double anti-tipping valve system (fuel level gauge - no anti-tipping system)
15. Switch for heating and cooling selection
16. Filter/duct clogging pressure switch inlet blocked with warning light on the dashboard
17. Documents/spare parts kit holder

ACCESSORIES ON DEMAND

18. Two-way inlet/outlet duct adapter (Ø 210 mm MH32 - Ø 300 mm MH 55)
19. Air inlet filter
20. Three different remote controls:
 - only electronic thermostat
 - electronic thermostat + CO sensor with sound and visual alarm
 - electronic thermostat + CO and CO2 sensor with sound and visual alarm
21. Two air duct choices:
 - grey/kaky air inlet/outlet flexible duct not insulated with transport bag included
 - grey/kaky air inlet/outlet flexible duct insulated with transport bag separated
22. Anti infrared viewer and high temperature paint



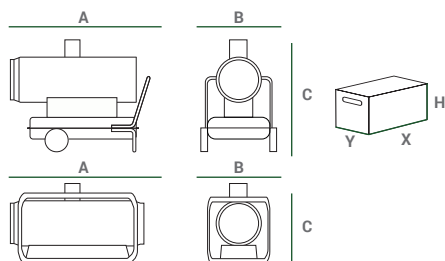
SUPPLIED ACCESSORIES

1. Aluminium frame (MH32) and steel frame (MH55) with foldable handles
2. Double chimney support kit with elastic ropes
3. 1,5 meter chimney + chimney hood
4. Inlet/Outlet cap with elastic ropes
5. Double foldable handles for easy transport
6. Militar Amphenol socket for thermostat cable
7. Remote control cable l=10m (-40°C resistant) with quick connection military Amphenol socket
8. Power cable l=6m with Mennekes IP67 plug
9. One way outlet cone (Ø 300/350 mm)
10. Inlet cone (Ø 300/350 mm) with sliding door
11. Pre-heated fuel filter
12. Teflon PTFE - 60°C resistant fuel hose, SS coated
13. External tank connection with de-aerator kit and PTFE l=5 m hose + 1/4 F quick connection
14. Switch for heating and cooling selection
15. Filter/duct clogging pressure switch inlet blocked with warning light on the dashboard
16. Glove compartment for spare parts kit

ACCESSORIES ON DEMAND

17. Two-way inlet/outlet duct adapter (Ø 210 mm MH32 - Ø 300 mm MH 55)
18. Air inlet filter
19. Three different remote controls:
 - only electronic thermostat
 - electronic thermostat + CO sensor with sound and visual alarm
 - electronic thermostat + CO and CO2 sensor with sound and visual alarm
20. Two air duct choises:
 - grey/kaky air inlet/outlet flexible duct not insulated with transport bag included
 - grey/kaky air inlet/outlet flexible duct insulated with transport bag separated
21. Anti infrared viewer and high temperature paint

TECHNICAL FEATURES



WEIGHTS AND DIMENSIONS					PACKAGING			
MOD	A	B	C	Net	X	Y	H	Gross
	[mm]	[mm]	[mm]	[kg]	[mm]	[mm]	[mm]	[kg]
MH 32 LC	1.422	603	927	68	1.399	556	970	96
MH 32 HC	1.422	603	947	69	1.399	556	970	97
MH 55 LC	1.699	739	1.077	100	1.689	620	1.056	128
MH 55 HC	1.699	739	1.077	108	1.689	620	1.056	136
MH 32 F	1.388	508	585	68	1.440	555	730	96
MH 55 F	1.589	550	732	96	1.690	620	882	124

		MH 32 LC	MH 32 HC	MH 55 LC	MH 55 HC	MH 32 F	MH 55 F
rated heat power (Hs)	[kW] [kcal/h - BTU/h]	34,1 28.349 - 116.803		58,6 50.434 - 200.728		34,1 28.349 - 116.803	58,6 50.434 - 200.728
air flow	[m³/h]	1.150		2.500		1.150	2.500
temperature rise	a 20°C [°C]	75		66		75	66
fuel consumption	[kg/h]	2,7		4,64		2,7	4,64
tank capacity	[l]	42	65	65	105	-	-
power consumption 230V	[W]	370		850		370	850
electrical power	[V - ph - Hz]	230 - 1 - 50		230 - 1 - 50		230 - 1 - 50	230 - 1 - 50
ø flue	[mm]	150		150		150	150
ø inlet/outlet hose	1 - 2 ways [mm]	300 - 210		350 - 300		300 - 210	350 - 300



Biemmedue S.p.A., founded in 1979, is the world's leading designer and manufacturer of space heaters, professional dehumidifiers, and industrial cleaning machines. We are based in Cherasco (northwest Italy, not far from Turin and Milan), and our factory, that covers an area of 35.000 m², is divided between two plants: the headquarters where we design and manufacture **Arcotherm** space heaters and **Arcodry** professional dehumidifiers; The new plant opened beginning of 2018 and dedicated to the design and production of professional cleaning machines branded **Arcomat**: high pressure cleaners, vacuum cleaners, wet vacuum cleaners and single disc floor machines.

Biemmedue has many strong points, including:

- cutting-edge design technology utilising CAD-CAM systems and a laboratory with sophisticated test and inspection equipment;

- a highly verticalised production system, 100% Made in Italy, with constant monitoring of all steps of the production process and rapid, flexible adaptation to our customers' needs;

- products are manufactured and assembled with state of art equipment and automated assembly lines;

- warehouses fully stocked with finished products, components, and spare parts to guarantee shipments within 24 hours after receipt of orders;

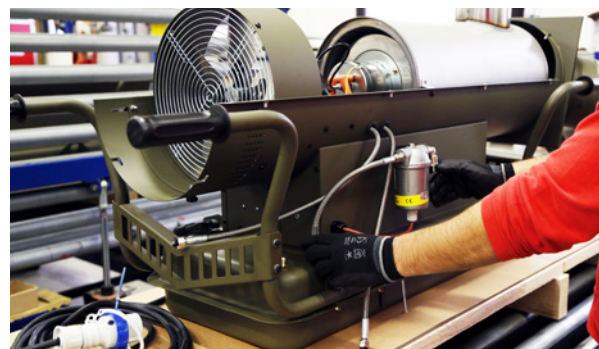
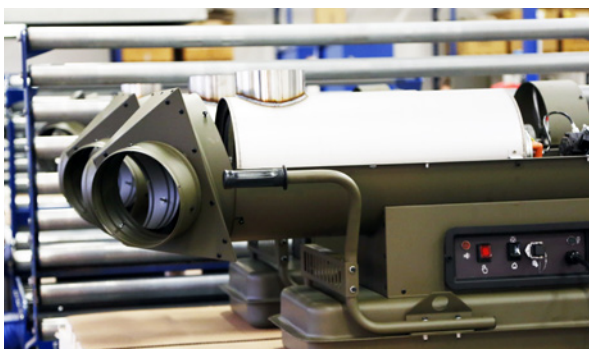
- strict Quality Control procedures and conformity to stringent international production and safety standards.

Biemmedue has an efficient and helpful team of 150 professionals. Our Customer Service Department

works with customers, listens to their needs and input, and proposes targeted, state-of-the-art solutions for every sector. Our well-organized and expert Training and Technical Service Department provides customers a direct line for training, installation, commissioning, and maintenance of all products.

This is why **Biemmedue** is one of the world's largest manufacturers of these types of equipment.

THE COMPANY



Follow us on



www.biemmedue.com

