

Indirect fuel-fired air heaters

AIR-BUS BV 471-691

MASTER
CLIMATE SOLUTIONS



4-way outlet
BV 471
BV 691



1-way outlet
BV 471
BV 691



BV 691TR
with radial fan



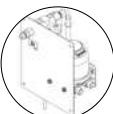
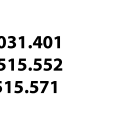
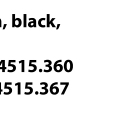
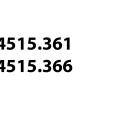
BV 471SE
InfoAir compliant



- Strong and robust steel frame with metric bolts
- Powerful fan
- Air pressure 250 Pa (400 Pa for centrifugal version)
- Digital control of the combustion
- Unique 'cold start' button for very cold environments
- Possible connection to 4, 2 or 1 flexible tubes
- Flue gas exhaust
- Separate Riello oil burner
- Summer/Winter switch for ventilation only
- Electronic flame control with photocell
- Fan-Limit thermostat with automatic reset
- Limit thermostat with manual reset
- Fuel preheater
- Two oil filters: oil pump filter and suction filter
- Quick connector to external tank (optional)
- High-efficiency heat exchanger made of stainless steel pipes
- Stainless steel combustion chamber
- Robust wheels included
- 4 robust crane hooks
- These heaters can burn: biofuel HVO 100, diesel or kerosene

AIR-BUS BV 471-691

Optional accessories

	Analogue thermostat TH5 with cable 3m - 4150.109 10m - 4150.112		Digital thermostat THD with cable 5m - 4150.133 10m - 4150.134		Pneumatic wheels BV 471 - 4240.585 BV 691 - 4240.684		Quick connector for external tank 4240.580
	Fuel line 4m (2 pieces are required per 1 unit, supply line and return line) 4031.460		Rotating wheels kit BV 471 - 4240.598 BV 691 - 4240.667		Kit for chimney fixing in working and transportation position BV 471 - 4240.567 BV 691 - 4240.682		Fuel scoop 4515.510
	1-way outlet panel Ø600mm - BV 471 - 4240.825 Ø700mm - BV 691 - 4240.633		2-way outlet panel 2 x Ø400mm - BV 471 - 4240.235 2 x Ø500mm - BV 691 - 4240.668		External tank BV 471 - 150 l - 4240.780 BV 691 - 200 l - 4240.800		4-way outlet panel 4 x Ø270mm - BV 471 - 4240.553 4 x Ø320mm - BV 691 - 4240.669
	Stainless steel exhaust pipe 1m Ø200mm - BV 471, BV 691 - 4013.245		Stainless steel chimney pot Ø200mm - BV 471, BV 691 - 4013.250		Stainless steel exhaust elbow 90° Ø200mm - BV 471, BV 691 - 4013.248		Lateral bumper kit BV 471 - 4240.560 BV 691 - 4240.683
	Forklift slots BV 471 - 4240.576 BV 691 - 4240.681		Biofuel conversion kit BV 471, BV 691 Burner - 4241.132 Fuel pre-heater and filter - 4241.134		Single fuel line conversion kit BV 471, BV 691 4241.162		Consumables packs BV 471 - 4519.019 BV 691 - 4519.020
	Dust cover BV 471S - 4241.160 BV 691S - 4241.161		Air recycling kit (axial fan models) BV 471 - 4240.709 BV 691 - 4240.748		Suction tube* BV 471 - 4517.621 BV 691 - 4517.622 * offered per linear metre		
	Flex tubes, PVC, black and yellow 7.6m 4-way outlet Ø305mm - 7.6m - BV 471 - 4515.553 Ø305mm - 3m - BV 471 - 4515.572 Ø340mm - 7.6m - BV 691 - 4515.558 Ø340mm - 3m - BV 691 - 4515.570		2-way outlet Ø407mm - 7.6m BV 471 - 4031.401 Ø508mm - 7.6m BV 691 - 4515.552 Ø407mm - 3m - BV 471 - 4515.571		1-way outlet Ø610mm - 7.6m - BV 471 - 4031.038 Ø710mm - 7.6m - BV 691 - 4515.556		
	Flex tubes and bag, nylon, black, 7.6m 4-way outlet Ø305mm - 7.6m - BV 471 - 4515.360 Ø340mm - 7.6m - BV 691 - 4515.367		2-way outlet Ø407mm - 7.6m - BV 471 - 4515.361 Ø508mm - 7.6m - BV 691 - 4515.366		1-way outlet Ø610mm - 7.6m - BV 471 - 4515.362 Ø710mm - 7.6m - BV 691 - 4515.365		

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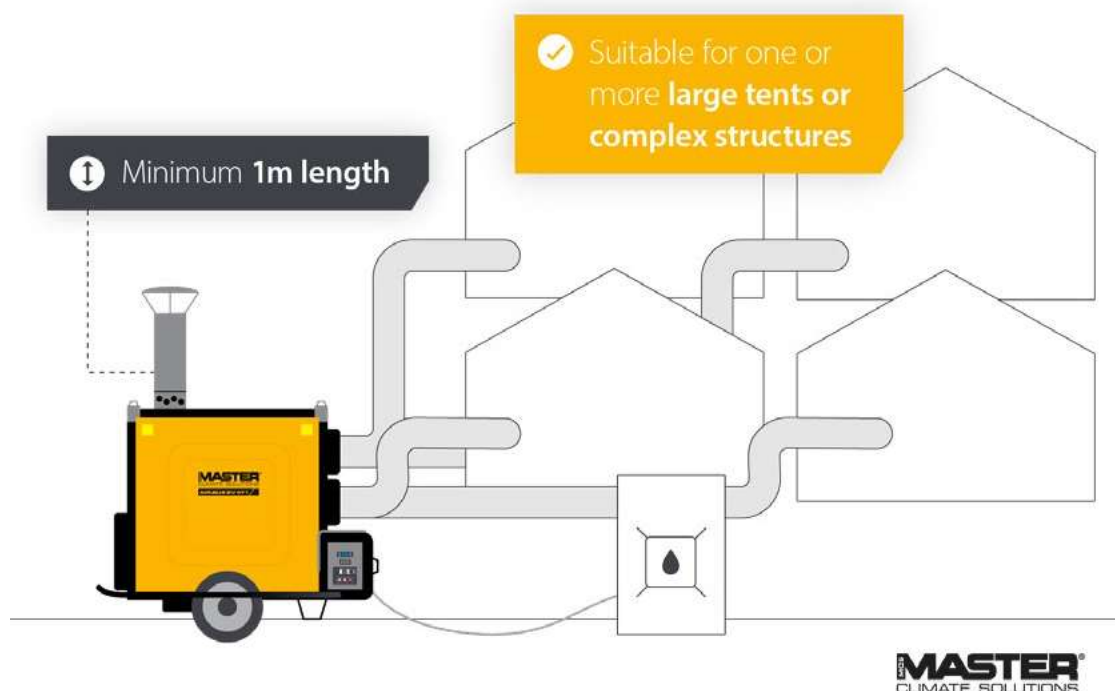
Air recycling kit for AIR-BUS (axial fan models)

Suction tube + Air recycling kit
4517.621* + **4240.709** for BV 471
4517.622* + **4240.748** for BV 691

* offered per linear metre



Outdoor installation **with AIR-BUS BV 471 indirect oil-fired heater**



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Specifications	Units	BV 471S/ BV 471SE*	BV 691S/ BV 691SE*	BV 471SR/ BV 471SRE*	BV 691TR/ BV 691TRE*	BV 691T/ BV 691TE*
Heating power	kW	136	225	136	225	225
	Btu/h	464,000	768,000	464,000	768,000	768,000
	kcal/h	116,900	193,500	116,900	193,500	193,500
Air flow	m³/h	8,500	12,800	8500	12,800	12,800
	type	Axial	Axial	Centrifugal	Centrifugal	Axial
Air pressure	Pa	250	250	400	400	250
Thermostat control		Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital
Fuel consumption	l/h	12.93	21.44	12.93	21.44	21.44
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	380-400/3ph/50	380-400/3ph/50
Electric power	kW	1.5	2.8	2.8	2.8	2.8
Rated current	A	6.9	12.6	16	7.6	6.5
Electronic box protection		IP55	IP55	IP55	IP55	IP55
Flue tube	Ømm	200	200	200	200	200
Air outlet diameter	mm	4 x 270 1 x 600	4 x 320 1 x 720	4 x 270 1 x 600	4 x 320 1 x 700	4 x 320 1 x 700
	mm	1790 x 880 x 1360	2200 x 985 x 1620	2200 x 870 x 1360	2680 x 990 x 1550	2200 x 985 x 1620
Box size (l x w x h)	mm	1730 x 755 x 1325	2150 x 840 x 1560	2150 x 760 x 1380	2620 x 840 x 1530	2150 x 840 x 1560
Net/gross weight	kg	270/300	380/410	300/330	400/430	380/410

*InfoAir compliant

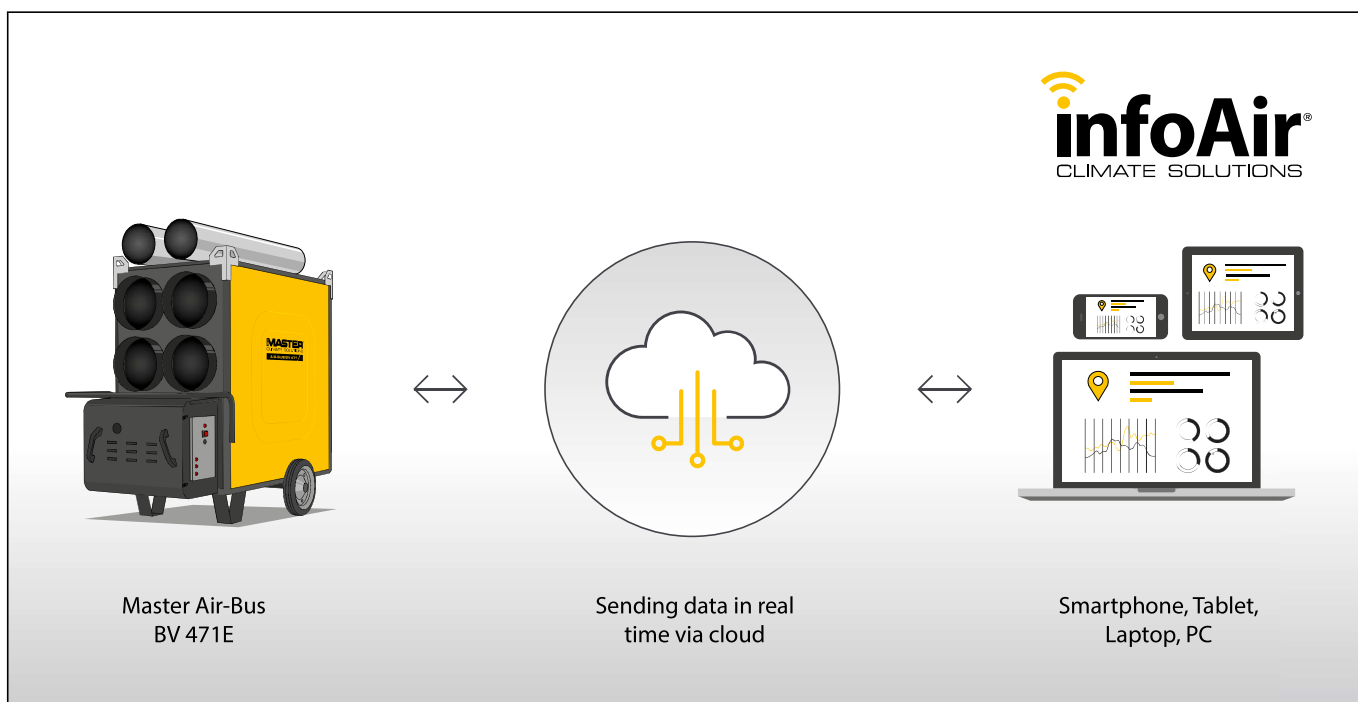
InfoAir is a versatile remote monitoring system designed to further enhance the use of portable heaters which have long been a versatile and cost-effective choice for various industrial and commercial applications. But without communication capabilities they require regular physical visits for status checks. InfoAir addresses this issue and offers several advantages.

InfoAir offers remote access to the following data in real time:

- Possibility to remotely lock and unlock the heater
- Detection of the availability of electricity and monitoring of voltage level
- Detection of on/off status of the portable heater
- Fuel level control (optional)
- Room temperature and humidity control
- GPS tracker – enable to track the location of the portable heater
- Set up of min. and max. temperature thresholds, pre-heating and cooling time of portable heater
- Alarm notifications
- Report generation
- Compatible only with portable heaters carrying the InfoAir label



How it works



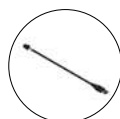
Optional accessories



BT Sensor
Remote Bluetooth temperature and humidity sensor - Range 500m



Fuel level sensor for external tanks
VET 700, length 1m - **4250.542**
VET 1000, length 1.4m - **4250.543**



USB-RS232 Converter - 4250.539