

INDIRECT FUEL FIRED AIR HEATERS WITH SEPARATE RIELLO BURNER

AIR-BUS BV 471-BV 691



BV 471 - Ø31CM
BV 691 - Ø34CM



1-WAY OUTLET
BV 471 - Ø61CM
BV 691 - Ø71CM

- 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



Diesel fuel contains water which evaporates during combustion.

Specifications	Units	BV 471S	BV 691S	BV 471SR	BV 691TR	BV 691T
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	m ³ /h	8,500	12,800	8500	12,800	12,800
Fan 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	15.09	15.09
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	cm	4 x 27	4 x 32	4 x 27	4 x 32	4 x 32
		1 x 60	1 x 70	1 x 60	1 x 70	1 x 70
Product size (l x w x h)	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

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High air pressure version with centrifugal fan available on request

BV 471SR and BV 691TR - 400 Pa



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



Suction tube + Air recycling kit



1, 2 and 4 outlets are possible.



Box cover: IP55, additional burner and control panel protection against rain, mud and mechanical factors.



Inside the box: Riello burner, digital control panel



The combustion is digitally controlled. The digital panel allows for very easy and precise set up of temperature sensors.



Top-mounted exhaust with optional support.



Optional robust forklift slots.



Very powerful and quiet ERP fan.



Easy connection to an external fuel tank.

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Optional accessories



Analogue thermostat TH5 with cable

3m - **4150.109**
10m - **4150.112**



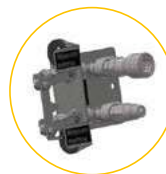
Digital thermostat THD with cable

5m - **4150.133**
10m - **4150.134**



Pneumatic wheels

BV 471 - **4240.585**
BV 691 - **4240.684**



Quick connector for external tank

4240.580



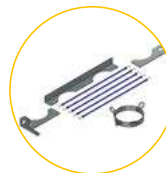
Fuel line 4m

(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

4515.932



External tank

BV 471 - 150 l - **4240.780**
BV 691 - 200 l - **4240.800**



1-way outlet panel

Ø60cm - BV 471 - **4240.825**
Ø70cm - BV 691 - **4240.633**



2-way outlet panel

2 x Ø40cm - BV 471 - **4240.235**
2 x Ø50cm - BV 691 - **4240.668**



4-way outlet panel

4 x Ø27cm - BV 471 - **4240.553**
4 x Ø32cm - 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**



Air recycling kit (axial fan models)

BV 471 - **4240.709**
BV 691 - **4240.748**



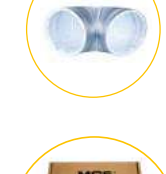
Flex tubes, PVC, black and yellow 7.6m 4-way outlet

Ø31cm - 7.6m - BV 471 - **4515.553**
Ø31cm - 3m - BV 471 - **4515.572**
Ø34cm - 7.6m - BV 691 - **4515.558**
Ø34cm - 3m - BV 691 - **4515.570**



Flex tubes and bag, NYLON, black, 7.6m 4-way outlet

Ø31cm - 7.6m - BV 471 - **4515.360**
Ø34cm - 7.6m - BV 691 - **4515.367**



Suction tube*

BV 471 - **4517.621**
BV 691 - **4517.622**

* offered per linear metre



2-way outlet

Ø41cm - 7.6m - BV 471 - **4031.401**
Ø51cm - 7.6m - BV 691 - **4515.552**
Ø41cm - 3m - BV 471 - **4515.571**

1-way outlet

Ø61cm - 7.6m - BV 471 - **4031.038**
Ø71cm - 7.6m - BV 691 - **4515.556**



2-way outlet

Ø41cm - 7.6m - BV 471 - **4515.361**
Ø51cm - 7.6m - BV 691 - **4515.366**

1-way outlet

Ø61cm - 7.6m - BV 471 - **4515.362**
Ø71cm - 7.6m - BV 691 - **4515.365**



Consumables packs

BV 471 - **4519.019**
BV 691 - **4519.020**

