

HEATING & ADD-ON COOLING

Australia's most efficient Ducted Gas Heating System



brivis

*Australia's favourite
climate systems*

Welcome to **brivis**

50 Years of Innovation

Designed and Made in Australia

Superior Quality and Manufacturing

Commitment to the Environment

Brivis has been helping people choose climate systems for their homes for over 50 years.

The Brivis reputation for innovation, efficiency, quality and reliability has made it the top selling Ducted Gas Heating system in Australia.

Australian owned, Australian made.

Brivis products are proudly designed and made in Australia. Our advanced capabilities have made Brivis the market leader in Ducted Gas Heating and other heating and cooling products.

Our manufacturing operation employs hundreds of Australians and each Brivis system is made to withstand the extremes of the Australian climate. All Brivis products adhere to the strict ISO 9001 International Quality Systems standards, that's why our products have guarantees of up to 10 years (refer to page 9, Our Guarantee to you).



Australian owned, Australian made.

We've got the size to suit you.

To ensure your heater performs to its maximum capabilities, Brivis has designed a unique sizing guide system. Provided to every one of our authorised dealers, the sizing guide helps determine the perfect unit for your home, no matter where you are in Australia.

The dealer enters your house details, including the location, into the computer and the sizing guide software does the rest. It selects a system that will provide you with the best performance, efficiency and economy for your application.

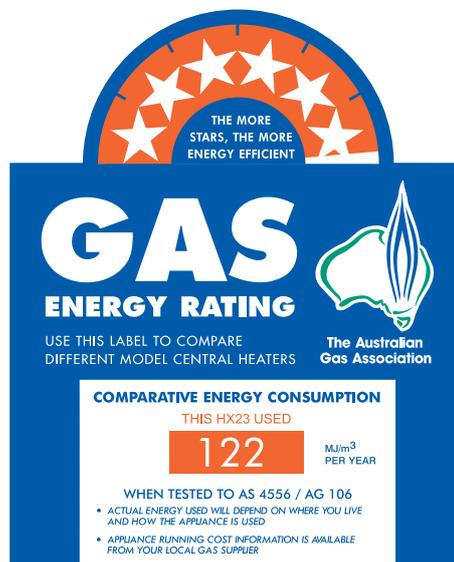
Installed in only a day.

The performance of your heater relies a great deal on its installation. At Brivis, we have a national network of authorised dealers to install your heater, and they'll usually only take a day to do it. As specialists selected and trained by Brivis, our dealers will provide you with a quality installation backed by a performance guarantee.*

Our commitment to the environment.

At Brivis, we are dedicated to creating energy efficient products. This focus led us to create the StarPro MAX High Efficiency range of heaters achieving a 5.8 energy star rating (HX23). This 5.8 Energy star rating is the most efficient Ducted Gas Heater on the Australian market today.

Australia's most efficient Ducted Gas Heater.



* Conditions apply, for more information contact your local dealer.

Australia's favourite climate systems



**Whole House
or Zoned Heating**

**Year Round
Comfort & Control**

**Brivis Professional
Sizing Guide**

**National Dealer
Network**

What is Ducted Heating?

Brivis Ducted Gas Heating comprises a heating unit connected to a series of outlets via a system of ducts. The outlets/ducts are strategically placed throughout your home, either in the floor or ceiling. The position of the heating unit depends on your house. If your house is built on a concrete slab, the unit is installed in the roof. If your home has space underneath, the unit is generally installed outside or under the floor. The ducts which connect the outlets to the heating unit, are neatly tucked away out of sight.

Whole house ducted heating.

Brivis Ducted Gas Heating is the most cost effective way to heat your entire house. You can save up to \$300* per year in operating costs to heat your entire house using a High Efficiency Brivis Ducted Gas Heater compared to using an ordinary gas space heater.

A household using electrical appliances for heating produces three times** more greenhouse gas emissions than one using a Brivis Ducted Gas Heating appliance.

Move to a warm zone.

With a Brivis Ducted Gas Heating system you don't have to walk out of a warm room into a cold one. You can be watching TV while the kids are in bed, and everyone stays warm.

How does it work?

The Brivis Ducted Gas Heating unit draws air from inside your home through a return grille. From here it then flows into the heater where it's warmed, and then into every room of your home via the outlets/ducts, in the form of a warm, gentle supply of air.

Once the temperature inside your home reaches your pre-set temperature, the burners inside the heating unit will turn off. The fan then slows down ensuring that all the remaining heat inside the unit is used to heat your house.

Key Points

- *Brivis has been helping people choose climate systems for over 50 years.*
- *Heating is a long term investment - select a system that suits your lifestyle.*
- *The most effective and inexpensive way to power any heater is with natural gas.*
- *Ducted Gas Heating can heat your whole home.*

*Sustainable Energy Victoria, 2004 for a house size up to 150m²
(compared to using gas space heaters) **AGA (Australian Gas Association)

StarPro Series

The Brivis StarPro series comprises both the Brivis StarPro MAX (HX) High Efficiency range and Brivis StarPro PLUS (MX) Medium Efficiency Ducted Gas Heating range.

The StarPro MAX range includes models that hold the highest star rating of any ducted gas heater available in Australia, 5.8 stars (HX23). This highest star rating means your system provides the highest level of comfort, for the least running cost.

Having Australia's most efficient Ducted Gas Heating system is only part of the story, the Brivis StarPro MAX range provides the highest levels of quality, the highest levels of flexibility and the best value for money.

The Brivis StarPro PLUS medium efficiency range employs all of the great features and benefits of the StarPro MAX range, but at a medium efficiency star rating. The StarPro PLUS series has an efficiency range from 4.2 stars all the way up to 4.4 stars.

Advanced technology.

The technologies used in the Brivis StarPro series are a culmination of Brivis' 50 years of heating experience in Australia. The Brivis StarPro series features ensure that the heaters are more effective at heating your home, with the least amount of energy and expense. Every aspect of the Brivis StarPro series has been designed to make it more powerful, efficient, reliable, unobtrusive and healthy for you.



Brivis HX - Outdoor Unit



Brivis MX - Outdoor Unit



Brivis HX and MX - Indoor Unit

The Brivis StarPro series of heaters now features a spark ignition system to ignite the burners. A flame sensor on the end of the burners sends a signal to confirm that there is ignition across the entire burner. The gas ramps up to maximum to quickly heat up the heat exchanger, the circulation fan starts slowly, and gently ramps to the optimum speed for heating the house. This ensures that the start up of the heater is extremely quiet, delivers heat in the fastest possible time and that you don't feel a cold draught when the fan starts.

Zoning.

The Brivis StarPro series has an advanced Energy Management System (EMS). The main benefit of the EMS is zoning, which effectively means you can divide your home into up to four separate heating areas or, if you want the whole house heated at the same time, you can heat all zones at once. The whole zoning process is automatically controlled by the Brivis Networker (refer to page 8).

Aligned with the EMS, another great energy advance is the exclusive Brivis Adaptive Zoning System; the ability of the StarPro series to reduce its output by up to 80%. The heater detects how many zones you are currently operating and reduces the energy and fan output to match this requirement automatically. This means that if you only want certain parts of your house heated, you're not wasting energy. Ask your dealer about these zoning options.

Flexibility.

The Brivis StarPro series is designed to fit easily into the roof, under floor space or unobtrusively outside the house. The internal unit can be split, then reassembled in the roof for easier and faster installation. Service clearances have been optimised to ensure the Brivis StarPro range can fit into just about any installation space.

The most choices.

The Brivis StarPro series has several different options and models to choose from so that you can select the right heater for your needs.

The Brivis StarPro series can be controlled by our most advanced controller, the Brivis Networker, a Programmable or a Manual Thermostat. You can even

directly connect the heater to most Home Automation Systems. The Brivis StarPro series has Extra Air (XA) models available to suit the Brivis ICE add-on refrigerated cooling system, giving you total climate control all year round. The Brivis StarPro MAX range of heaters are also available in a range of LPG models.

Expert advice.

Brivis dealers and installers are carefully selected and trained by Brivis to help you get the most from your investment. So talk to them, or call us on **1300 BRIVIS** (1300 274 847) to discuss your options.



The Classic Series



Most Popular series

Extra Air capabilities

Controller options

Heaters for all homes. Australia's favourite.

The Brivis Classic series of heaters are some of Australia's favourite Ducted Gas Heaters. Brivis Classic heaters come with energy ratings from 2.5 to 3 stars.

The Brivis Classic series includes heaters for all types of homes. The Brivis Two Piece Wombat range of heaters have a 3 star energy rating, which means low running costs for you, and plenty of air supply for Brivis ICE add-on refrigerated cooling.

The Brivis Buffalo Series heaters are perfectly designed to be installed unobtrusively outside your home.



The Internal Brivis Two Piece Wombat for easier installation.



The external Brivis Buffalo.

Our Brivis Upflow and Downflow heaters are designed to be installed in a cupboard or under the stairs. Ideally suited for townhouses, apartments and other homes with different installation requirements.

Built to last.

The Brivis Classic series of heaters are designed and made in Australia to withstand our variable and often harsh climate.

The most choices.

The Classic series has several different options and models to choose from so that you can select the right heater for your needs.

The Brivis Classic series comes with a choice of three controllers - the Brivis Networker® controller, Programmable or Manual Thermostats. Some models also come with the option of Extra Air (XA) for Brivis Add-on refrigerated cooling, and there are LPG versions available.

Key Points

- *The most popular ducted heater in Australia.*
- *Heaters for all home types & styles.*
- *2.5 and 3 star energy rating models to choose from.*
- *Compatible with Brivis ICE add-on refrigerated cooling.*
- *Choice of thermostats.*

**Requires an interface to be fitted.*

Would you like ICE with that?

Now you have decided on your Brivis heater, we can also provide you with year round comfort using cooling with the Brivis ICE series of add-on products.

Brivis ICE is a fully integrated, refrigerated air conditioning system that provides cooled, filtered and dehumidified air through the same ductwork and grilles as your ducted gas heating system. The Brivis ICE range can be installed at the same time as your Brivis heater or at a later date.*

So now you can have the best fully integrated heating and refrigerated cooling system, all designed and guaranteed to work seamlessly together.



How does Brivis ICE cool your home?

There are four simple processes in providing you with refrigerated cool air:

- Air from inside the house is drawn and filtered through a return air grille.
- The air then passes through an indoor cooling coil where the heat in the air is transferred to the refrigerant.
- The cooled air passes through ductwork and into the rooms via the ceiling or floor vents.
- The heat given off by the air passing through the indoor coil is carried by the refrigerant to an outdoor coil where it is dissipated to the outside air.



The ICE series indoor coil unit is incorporated into your heating ductwork



ICE series outdoor unit

Control

The Brivis ICE system can be controlled by either the Brivis Networker or the Brivis Programmable Controller (for more information see page 8). The Brivis Networker enables you to create up to five separate zones. Combinations of up to four of these zones can be programmed to switch on and off as and when required.**

Key Points

- Adds on to Brivis Ducted Gas Heating.
- Filtered, dehumidified, cool air.
- Single controls for both heating and cooling.
- Zoning.
- Australian Designed.
- Australian Made.

* When installing a Brivis ICE system to an existing gas heating system, care must be taken to ensure the duct system is sized and designed correctly. If you are installing a heating system and plan to install Brivis ICE at a later date, then ensure that you advise your dealer and they will size the system accordingly.
** When using ICE with a StarPro unit with Brivis 24 volt zoning module, otherwise only 2 or 3 zones can be programmed.

Controllers suitable for both Heating & Cooling

You're in control.

To give you maximum control over the way you heat or cool your house, we have three compact wall controllers to choose from. Available in programmable and manual models, each controller is easy to read, unobtrusive and technologically advanced, without being unnecessarily complicated to use.

The Bravis Networker.*

The Networker can operate in either auto or manual modes. In manual mode, you set your own temperature, then leave the rest to the Networker. It will maintain the temperature you have chosen, until you choose to turn it off. The Networker controls Bravis Ducted Gas Heating and Cooling Systems.

In auto mode the Networker allows you to preset temperatures and times to turn the heater on and off, in each individual zone. This means that you can wake up to a beautifully warm house even at the coldest times of the year. The Networker is designed with an easy-to-use rotary dial, an easy-to-read LCD screen and is backlit using state of the art Electro-Luminescence (EL) technology, making the screen easier to read in poorly lit areas or at night.

In addition, when zoning, for example upstairs or downstairs, two Networkers can be used together to provide enhanced zone temperature control. During warmer weather the Networker can be used to operate either a Bravis evaporative or refrigerated cooling system.

When in cooling or heating mode, the Networker can be programmed to turn off or set back after you've gone to sleep giving you comfortable sleeping conditions.



The Bravis Programmable Controller.

The Programmable Controller can operate in either auto or manual modes. In auto mode you preset temperatures and times for the heating/cooling system to turn on and off. Alternatively the manual mode allows you to turn the heating/cooling system on or off as desired.



Suitable for Bravis ICE system with classic heaters.

The Bravis Manual Controller.**

The Manual Controller is a simple to use control where you set the temperature when you want heating.



Key Points

- *Easy to use.*
- *EL technology gives uniform and clear backlighting of the Networker display.*
- *Two Bravis Networkers can be used together for enhanced zone climate control.*

*Cannot be used with Bravis ICE system on Bravis Classic Heaters

** Not applicable with Bravis ICE

Model	Star Rating	Capacity (kW)	Airflow (L/s)	ESP (Pa)	Dimensions (mm)			Wgt (kg)	Controllers	Avail in LPG	Recommended Add-On		Rated Cooling Capacity (kW)
					L	W	H				Outdoor Model	Indoor Model	
HX23E	5.8	23.0	715	50	1046	416	750	68	N / P / M	✓*	38CDA12-7	28IDA12	10.9
HX23E-XA	5.8	23.0	755	50	1046	416	750	68	N / P / M	✓*	38CDA15-7 or 38CDA15-9	28IDA15	14.7 - 14.9
HX23I	5.8	23.0	765	50	1021	395	634	58	N / P / M	✓*	38CDA12-7	28IDA12	10.9
HX23I-XA	5.8	23.0	795	50	1021	395	634	58	N / P / M	✓*	38CDA15-7 or 38CDA15-9	28IDA15	14.7 - 14.9
HX30E	5.7	30.0	850	125	1096	568	810	89	N / P / M	✓	38CDA18-9	28IDA18	17.1
HX30E-XA	5.7	30.0	985	125	1096	568	810	89	N / P / M	✓	38CDA18-9	28IDA18	17.1
HX30I	5.7	30.0	1065	125	1070	547	684	78	N / P / M	✓	38CDA18-9	28IDA18	17.1
HX30I-XA	5.7	30.0	1095	125	1070	547	684	78	N / P / M	✓	38CDA18-9	28IDA18	17.1
HX35I	5.6	35.0	1130	125	1070	547	684	78	N / P / M	-	38CDA21B9	28IDA21	20.5
MX21E	4.4	21.0	700	50	1046	416	657	66	N / P / M	-	38CDA12-7	28IDA12	10.9
MX21E-XA	4.4	21.0	740	50	1046	416	657	66	N / P / M	-	38CDA15-7 or 38CDA15-9	28IDA15	14.7 - 14.9
MX21I	4.4	21.0	785	50	1021	395	634	53	N / P / M	-	38CDA12-7	28IDA12	10.9
MX21I-XA	4.4	21.0	830	50	1021	395	634	53	N / P / M	-	38CDA15-7 or 38CDA15-9	28IDA15	14.7 - 14.9
MX30E	4.3	30.0	960	125	1096	568	707	85	N / P / M	-	38CDA18-9	28IDA18	17.1
MX30E-XA	4.3	30.0	965	125	1096	568	707	85	N / P / M	-	38CDA18-9	28IDA18	17.1
MX30I	4.3	30.0	1080	125	1070	547	684	71	N / P / M	-	38CDA18-9	28IDA18	17.1
MX30I-XA	4.3	30.0	1140	125	1070	547	684	71	N / P / M	-	38CDA18-9	28IDA18	17.1
MX35I	4.2	35.0	1160	125	1070	547	684	72	N / P / M	-	38CDA21B9	28IDA21	20.5
2P Wombat 15	3.0	14.5	530	50	1000	400	784	49	N / P / M	✓	-	-	-
2P Wombat 20	3.0	20.0	590	50	1000	400	784	49	N / P / M	✓	38CDA10-7	28IDA10	9.1
2P Wombat 20XA	3.0	20.0	780	50	1000	400	784	49	N / P / M	✓	38CDA12-7	28IDA12	10.9
2P Wombat 26	3.0	25.5	940	125	1080	525	812	64	N / P / M	✓	38CDA15-7 or 38CDA15-9	28IDA15	14.7 - 14.9
2P Wombat 26XA	3.0	25.5	1025	125	1080	525	812	64	N / P / M	✓	38CDA18-9	28IDA18	17.1
Buffalo 15	2.8	13.5	490	50	1090	395	1130	74	N / P / M	✓	-	-	-
Buffalo 20	2.8	18.5	490	50	1090	395	1130	74	N / P / M	✓	-	-	-
Buffalo 20XA	2.8	18.5	585	50	1090	395	1130	74	N / P / M	✓	38CDA10-7	28IDA10	9.1
Buffalo 26	2.8	26.0	815	125	1320	565	1175	114	N / P / M	✓	38CDA12-7	28IDA12	10.9
Buffalo 26XA	2.8	26.0	1060	125	1320	565	1175	114	N / P / M	✓	38CDA18-9	28IDA18	17.1
Downflow 20	2.5	20.5	525	50	457	395	1122	53	N / P / M	✓	-	-	-
Downflow 20XA	2.5	20.5	560	50	457	395	1122	53	N / P / M	✓	38CDA10-7	28IDA10	9.1
Upflow 20	2.5	20.5	540	50	457	395	1122	53	N / P / M	✓	-	-	-
Upflow 20XA	2.5	20.5	605	50	457	395	1122	53	N / P / M	✓	38CDA10-7	28IDA10	9.1
Upflow 26	2.5	26.0	1050	125	485	565	1250	76	N / P / M	✓	38CDA18-9	28IDA18	17.1
Upflow 26XA	2.5	26.0	1170	125	485	565	1250	76	N / P / M	✓	38CDA18-9	28IDA18	17.1

Note: N = Networker P = Programmable M = Manual

All systems have an intermittent spark ignition

* HX23 units rated at 21kW for LPG

All Classic heaters are Networker compatible but require an interface to be fitted at additional cost. Networker not compatible with Brivis ICE on Brivis Classic Heaters. All heating products are available in Natural Gas (LPG option indicated)

Our Guarantee to you

Brivis has the reputation for making products of the highest quality so in our opinion you won't need our warranty but, for your peace of mind, we offer a 10 year parts warranty on the heat exchanger and burners and our heaters have a 3 year parts and labour warranty. On StarPro Heaters, Brivis offers you an option of an extended 2 year warranty†

† Conditions apply: See Brivis heaters owners manual for further warranty terms and conditions.

Add-On Selection Chart			
Heater Model	Recommended Outdoor Model	Recommended Indoor Model	Rated Cooling Capacity (kW)
Current Models			
HX23 / MX21	38CDA12-7	28IDA12	10.9
HX23XA / MX21XA	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
HX30 / MX30	38CDA18-9	28IDA18	17.1
HX30XA / MX30XA	38CDA18-9	28IDA18	17.1
HX35 / MX35	38CDA21B9	28IDA21	20.5
2PW20	38CDA10-7	28IDA10	9.1
2PW20XA	38CDA12-7	28IDA12	10.9
B20XA	38CDA10-7	28IDA10	9.1
2PW26	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
B26	38CDA12-7	28IDA12	10.9
2PW26XA, B26XA	38CDA18-9	28IDA18	17.1
Previous Models			
MPS20std (Pre Oct 2009)	38CDA12-7	28IDA12	10.9
MPS20XA (Pre Oct 2009)	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
MPS30std (Pre Oct 2009)	38CDA18-9	28IDA18	17.1
MPS30XA (Pre Oct 2009)	38CDA18-9	28IDA18	17.1
MPS35 (Pre Oct 2009)	38CDA21B9	28IDA21	20.5
MPS20 (Pre Sep 2001)	38CDA10-7	28IDA10	9.1
MPS30 (Pre Sep 2001)	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
MPS20std (Oct 2001 to Sep 2003)	38CDA10-7	28IDA10	9.1
MPS20XA (Oct 2001 to Sep 2003)	38CDA12-7	28IDA12	10.9
MPS30std (Oct 2001 to Apr 2003)	38CDA12-7	28IDA12	10.9
MPS30XA (Oct 2001 to Sep 2003)	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9

NOTE: XA Heaters have larger pops fitted.

Outdoor Unit - High Efficiency		38CDA10-7	38CDA12-7	38CDA15-7	38CDA15-9	38CDA18-9	38CDA21B9
Rated Cooling Capacity	kW	9.1	10.9	14.7	14.9	17.1	20.5
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Efficiency (EER)	Cool	3.40	3.11	3.29	3.39	3.21	3.45
Operating Range	°C	15 ~ 45	15 ~ 45	15 ~ 50	15 ~ 50	15 ~ 50	15 ~ 50
Dimension (L x W x H)	mm	1100 x 360 x 830	1100 x 360 x 830	1100 x 360 x 1366	1100 x 360 x 1366	1100 x 360 x 1366	1180 x 370 x 1366
Weight	kg	107	110	136	136	138	154
Sound Power Level	dB(A)	66	66	67	66	67	70
Refrigerant Type		R-22	R-22	R-22	R-22	R-22	R-22
Chargeless Length	m	15	15	15	15	15	15
Refrigerant Connection Pipe Sizes							
Gas	mm	19.05	19.05	28.60	28.60	28.60	28.60
Liquid	mm	9.52	9.52	9.52	9.52	9.52	12.70
Refrigerant Recommended Pipe Sizes - System							
Gas 0 - 15m	mm	19.05	19.05	22.20	22.20	28.60	28.60
Gas 16 - 30m	mm	22.20	22.20	28.60	28.60	28.60	28.60
Liquid 0 - 15m	mm	9.52	9.52	9.52	9.52	9.52	12.70
Liquid 16 - 30m	mm	9.52	9.52	9.52	9.52	9.52	12.70
Power Supply	V-ph-Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	415 - 3 - 50	415 - 3 - 50	415 - 3 - 50
Full Load Current	A	21.60	25.90	26.10	16.20	16.20	19.00
Single Phase Start Type		Hard	Hard	Soft	n/a	n/a	n/a

Indoor Unit		28IDA10	28IDA12	28IDA15	28IDA18	28IDA21
Dimensions (L x W x H)	mm	615 x 545 x 430	615 x 545 x 430	675 x 610 x 535	675 x 610 x 535	780 x 750 x 550
Weight	kg	27	30	40	43	50
Duct Spigot (Inlet)	mm	350	350	400	400	450
Duct Spigot (Outlet)	mm	350	400	400	450	500
Pipe Connection Sizes						
Gas	mm	19.05	19.05	28.60	28.60	28.60
Liquid	mm	9.52	9.52	9.52	9.52	12.70
Drain Connection	mm	20	20	20	20	20

Warranty

Because Brivis has been helping people choose climate systems for their homes for more than fifty years you can rely on us for total quality. Our extensive and ongoing investment in research and design means every model we make is the best possible design for Australian families and Australian conditions. Every Brivis ICE Series cooling system comes with a full five year warranty on parts and labour.†

†5 year warranty only applies to domestic residential installations.

Note: All images provided in this brochure are for illustration purposes only.

Due to our policy of continuous improvement, product specifications and details are subject to change without notice.

Equipment rated in accordance with AS 3823.3-2009 E&OE.

Sales Centre.

Operating hours 8.00am to 5.00pm Monday to Friday.

Service Centre.

Operating hours 7.30am to 7.00pm Monday to Friday and 8.00am to 2.00pm Saturday, the Brivis Service Centre provides nothing but quality service. We answer your questions over the phone or have one of our dedicated technicians come out to your home.

For all your Sales and Service enquiries call us on **1300 BRIVIS** (1300 274 847).

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*Australia's favourite
climate systems*

For all your Sales and Service enquiries call us on **1300 BRIVIS** (1300 274 847).

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