

PRODUCT Overview

Thermona[®]



Czech Producer of Boilers

PREMIUM Condens



THERM 18, 25, 35 KDx



- Exceptionally ecological operation – Class NOx 6
- Condensing body with a brand new type of burner BLUEJET®
- Broad range of boiler output modulation 1:10
- Multiphase fan with a low operating noise level
- Electrically modulated SGV gas valve
- Modulated circulating pump with high effectiveness
- Control unit with auto-diagnostics
- Electronics uses the ActiveControl technology for combustion process optimisation
- Option to heat water in an external reservoir with a three-way valve (KD types)
- Built-in three-way valve for the option to heat water in an external storage tank (KDZ types)
- The boiler includes an indirect tank with a capacity of 55 litres (stainless) (KDZ 5 types)
- Instantaneous DHW heating in the secondary plate heat exchanger (KDC type)
- Boiler communication via OpenTherm+ protocol
- Suitable combination with the floor heating system

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Energy efficiency class of water heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m³.h⁻¹)
HEATING ONLY ¹								
10105	THERM 18 KD	1.8 ÷ 19.0		-	28	725 / 430 / 280	IP 41 (D)	0.181 ÷ 1.749
1096	THERM 25 KD	2.65 ÷ 24.9		-	28	725 / 430 / 280	IP 41 (D)	0.260 ÷ 2.500
10117	THERM 35 KD	3.4 ÷ 37.0		-	28	725 / 430 / 300	IP 41 (D)	0.330 ÷ 3.500
WITH INSTANTANEOUS DHW HEATING								
10125	THERM 18 KDC	1.8 ÷ 19.0 (23.5) ³			29	725 / 430 / 280	IP 41 (D)	0.181 ÷ 2.500
1098	THERM 25 KDC	2.65 ÷ 24.9			29	725 / 430 / 280	IP 41 (D)	0.260 ÷ 2.500
WITH CONNECTION TO AN EXTERNAL DHW STORAGE TANK								
10106	THERM 18 KDZ	1.8 ÷ 19.0		-	28	725 / 430 / 280	IP 41 (D)	0.181 ÷ 1.749
1097	THERM 25 KDZ	2.65 ÷ 24.9		-	29	725 / 430 / 280	IP 41 (D)	0.260 ÷ 2.500
10118	THERM 35 KDZ	3.4 ÷ 37.0		-	29	725 / 430 / 300	IP 41 (D)	0.330 ÷ 3.500
WITH INTEGRATED DHW STORAGE TANK								
10107	THERM 18 KDZ 5	1.8 ÷ 19.0			54	725 / 800 / 385	IP 41 (D)	0.181 ÷ 1.749
1099	THERM 25 KDZ 5	2.65 ÷ 24.9			54	725 / 800 / 385	IP 41 (D)	0.260 ÷ 2.500
10119	THERM 35 KDZ 5	3.4 ÷ 37.0			54	725 / 800 / 385	IP 41 (D)	0.330 ÷ 3.500

¹ may also be connected to an external hot water storage tank using additional equipment | ³ boiler output for heating water







SPECIAL SET THERM 18, 25, 35 KDZ + THERM 80/S



- Delivered in three packages for easy shipping to the installation site - boiler / storage tank / fixtures
- Exceptionally ecological operation – Class NOx 6
- Condensing body with a brand new type of burner BLUEJET®
- Broad range of boiler output modulation 1:10
- Multiphase fan with a low operating noise level
- Electrically modulated SGV gas valve
- Modulated circulating pump with high effectiveness
- Control unit with auto-diagnostics
- Electronics uses the ActiveControl technology for combustion process optimisation
- The built-in three-way valve has the option to heat the water in an external storage tank
- The set includes an indirect tank with a capacity of 80 litres (stainless)
- Boiler communication via OpenTherm+ protocol
- Suitable combination with the floor heating system

Order number	Name of item	Boiler output (kW)	Storage tank capacity (l)	Set dimension: height / width / depth (mm)	Class of seasonal energy efficiency of heating sets
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 BOILER + STORAGE TANK SET					
10106/80	THERM 18 KDZ + THERM 80/S	1.8 ÷ 19.0	80	1610 / 430 / 515	
1097/80	THERM 25 KDZ + THERM 80/S	2.65 ÷ 24.9	80	1610 / 430 / 515	
10118/80	THERM 35 KDZ + THERM 80/S	3.4 ÷ 37.0	80	1610 / 430 / 515	

THE SPECIAL SET contains the THERM 18, 25 or 35 KDZ boiler, a stainless 80-litre tank in the **THERM 80/S** boiler design, a hot water expansion tank, an impurity separator with a magnet, components for connecting the boiler and the tank, a tank temperature probe.

THERM gas condensing boilers for cascade boiler rooms

PREMIUM Condens



THERM 49, 65 KD



- Exceptionally ecological operation – Class NOx 6
- Condensing body with a brand new type of burner BLUEJET®
- Broad range of boiler output modulation 1:10
- Multiphase fan with a low operating noise level
- Electrically modulated SGV gas valve
- Modulated circulating pump with high effectiveness
- Control unit with auto-diagnostics
- Electronics uses the ActiveControl technology for combustion process optimisation
- There is also the option to heat water in an external reservoir and fitting with a three-way valve
- Boiler communication via OpenTherm+ protocol
- Suitable combination with the floor heating system
- Option of connection into cascade boiler rooms in order to increase heating power

CLASSIC Condens



THERM 90 KD.A



- Energy saving pump - savings of electric energy up to 50 %
- HDIMS automatic steel Microprocessor system
- Stainless condensing body
- Option of regulation according to the spatial or outdoor temperature
- Fluent regulation of boiler output
- High efficiency with the use of the principle of condensing water steam from burnt gases
- Display of parameters via LCD display
- Option of connection into cascade boiler rooms in order to increase heating power

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Energy efficiency class of water heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m³.h⁻¹)
HEATING ONLY ¹								
10124	THERM 49 KD	7.4 ÷ 49.5		-	39	800 / 430 / 395	IP x1D	0.6 ÷ 4.7
10120	THERM 65 KD	8.4 ÷ 68.5		-	42	800 / 430 / 455	IP x1D	0.8 ÷ 6.3
1090	THERM 90 KD.A	25.0 ÷ 95.0	-	-	71	970 / 530 / 500	IP 41 (D)	2.57 ÷ 9.52

¹ may also be connected to an external hot water storage tank using additional equipment

OPTIMUM *Condens*



CLASS
NOx 6

THERM 14, 24 KDxN



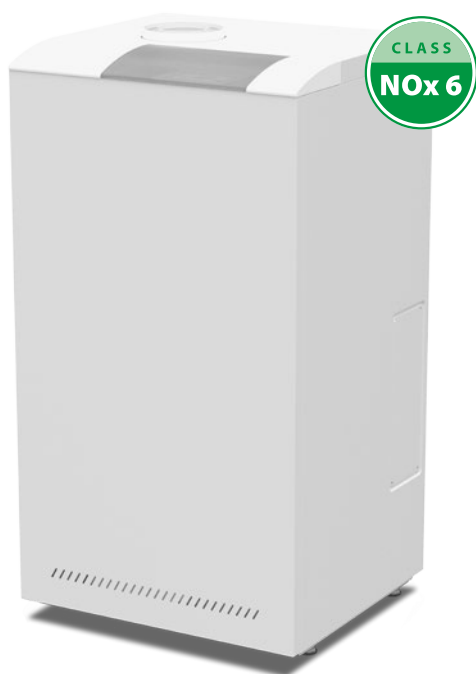
- Exceptionally ecological operation – Class NOx 6
- Energy saving pump with electronic control
- Micro processor automatic control system
- Stainless condensing exchanger
- Fluent regulation of boiler output
- Option of regulation according to the spatial or outdoor temperature
- High efficiency with the use of the principle of condensing water steam from burnt gases
- Option to heat water in an external reservoir with a three-way valve (KDN types)
- Built-in three-way valve for the option to heat water in an external storage tank (KDZN types)
- The boiler includes an indirect tank with a capacity of 55 litres (stainless) (KDZN 5 types)
- Instantaneous DHW heating in the secondary plate heat exchanger (KDCN type)
- COMFORT function - for more flexible water heating (KDCN type)
- Boiler communication via OpenTherm+ protocol
- Suitable combination with the floor heating system

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Energy efficiency class of water heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
HEATING ONLY ¹								
10101	THERM 14 KDN	3.2 ÷ 14.8		-	32	725 / 430 / 285	IP x1D	0.31 ÷ 1.52
1093	THERM 24 KDN	4.9 ÷ 20.7 (24.0) ³		-	32	725 / 430 / 285	IP x1D	0.48 ÷ 2.04
WITH INSTANTANEOUS DHW HEATING								
1091	THERM 24 KDCN	4.9 ÷ 20.7 (24.0) ³			34	725 / 430 / 285	IP x1D	0.48 ÷ 2.04
WITH CONNECTION TO AN EXTERNAL DHW STORAGE TANK								
10102	THERM 14 KDZN	3.2 ÷ 14.8		-	33	725 / 430 / 285	IP x1D	0.31 ÷ 1.52
1092	THERM 24 KDZN	4.9 ÷ 20.7 (24.0) ³		-	33	725 / 430 / 285	IP x1D	0.48 ÷ 2.04
WITH INTEGRATED DHW STORAGE TANK								
10103	THERM 14 KDZN 5	3.2 ÷ 14.8			48	725 / 715 / 386	IP x1D	0.31 ÷ 1.52
1094	THERM 24 KDZN 5	4.9 ÷ 20.7 (24.0) ³			48	725 / 715 / 386	IP x1D	0.48 ÷ 2.04

¹ may also be connected to an external hot water storage tank using additional equipment | ³ boiler output for heating water

THERM - OPTIMUM *Condens* - gas condensing boilers


OPTIMUM *Condens*



THERM 24 KDNS



- Stationary gas condensing boiler
- Exceptionally ecological operation – Class NOx 6
- Energy saving pump with electronic control
- Micro processor automatic control system
- Stainless condensing exchanger
- Fluent regulation of boiler output
- There is also the option to heat water in an external reservoir and fitting with a three-way valve
- Option of regulation according to the spatial or outdoor temperature
- High efficiency with the use of the principle of condensing water steam from burnt gases
- Boiler communication via OpenTherm+ protocol
- Suitable combination with the floor heating system

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Energy efficiency class of water heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
1095	THERM 24 KDNS	4.7 ÷ 26.0		-	33	935 / 510 / 458	IP 41 (D)	0.46 ÷ 2.70

STATIONARY BOILER HEATING ONLY ¹

The **THERM 24 KDNS** boiler includes a reduction flange from 60/100 to 80/125 (24678). Condensate pumping station (36522) is not a standard boiler part. Need to be ordered separately if necessary.

An example of connecting the OKC 125 NTR indirect tank to the THERM 24 KDNS gas boiler

- A - Input for returned water
- B - Output for heating water
- C - Hot water circulation inlet
- D - Cold water inlet
- E - DHW output



¹ may also be connected to an external hot water storage tank using additional equipment

THERM





Electric



THERM EL 5, 9, 14



- Energy saving pump
- Very quiet operation due to selected switching relays
- The simple and intuitive control is due to the easy-arranged touch display
- Fluent regulation in low steps by 500 W (THERM EL 5), by 1000 W (THERM EL 9), 1500 W (THERM EL 14)
- Minimum output of the boiler 500 W (THERM EL 5), 1000 W (THERM EL 9), 1500 W (THERM EL 14)
- Option to connect the regulator with OpenTherm+ communication
- Option of regulation according to the spatial or outdoor temperature
- There is also the option to hot water in an external reservoir and fitting with a three-way valve.
- Option of remote boiler control through SMS messages after fitting with the SMS module
- DSM communication - remote switching of the operation at low rate by the electricity supplier
- Option to add monitoring of the current maximum to prevent overloading of the electricity network in the building
- Recommended for low-energy and passive houses (low minimum power)

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Main circuit breaker of the electrical installation [single-phase] (A)
 FOR HEATING WITH THE OPTION OF CONNECTION TO AN EXTERNAL STORAGE TANK ¹							
1607.1	THERM EL 5	0.5 ÷ 4.5		27	638 / 475 / 238	IP 40	10 [25]
1608.1	THERM EL 9	1.0 ÷ 9.0		27	638 / 475 / 238	IP 40	16 [50]
1609.1	THERM EL 14	1.5 ÷ 13.5		27	638 / 475 / 238	IP 40	32 [80]

¹ may also be connected to an external hot water storage tank using additional equipment

THERM








Electric



THERM EL 8, 15, 23, 30, 38, 45



- Energy saving pump
- Very quiet operation due to selected switching relays
- Smooth output regulation in small steps (by 2,5 or 5,0 kW)
- Minimum output of the boiler 2,5 kW (THERM EL 8, 15, 23), or 5 kW (THERM EL 30, 38, 45)
- Option to connect the regulator with OpenTherm+ communication
- Option of regulation according to the spatial or outdoor temperature
- There is also the option to hot water in an external reservoir and fitting with a three-way valve.
- Option of remote boiler control through SMS messages after fitting with the SMS module
- DSM communication - remote switching of the operation at low rate by the electricity supplier
- Option to add monitoring of the current maximum to prevent overloading of the electricity network in the building
- Option to connect up to 32 boilers to intelligent cascade boiler rooms in order to increase heating power

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Main circuit breaker of the electrical installation [single-phase] (A)
 FOR HEATING WITH THE OPTION OF CONNECTION TO AN EXTERNAL STORAGE TANK ¹							
1601.1	THERM EL 8	2.5 ÷ 7.5		37	820 / 475 / 238	IP 40	16 [40]
1602.1	THERM EL 15	2.5 ÷ 15.0		38	820 / 475 / 238	IP 40	32 [80]
1603.1	THERM EL 23	2.5 ÷ 22.5		39	820 / 475 / 238	IP 40	40
1604.1	THERM EL 30	5.0 ÷ 30.0		43	805 / 475 / 238	IP 40	50
1605.1	THERM EL 38	5.0 ÷ 37.5		44	805 / 475 / 238	IP 40	63
1606.1	THERM EL 45	5.0 ÷ 45.0		45	805 / 475 / 238	IP 40	80




¹ may also be connected to an external hot water storage tank using additional equipment

THERM
Electric


THERM ELN 8, 15



- Energy saving pump
- Very quiet operation due to selected switching relays
- Fluent regulation in low steps by 2.5 kW (5 kW for the boiler ELN 15)
- Minimum output of the boiler 2.5 kW (THERM ELN 8) or 5 kW (THERM ELN 15)
- Easy-to-orientate two-digit LED display
- Safety switch contactor
- There is also the option to hot water in an external reservoir and fitting with a three-way valve.
- Option to control output temperature by 0 - 10 V signal
- DSM communication - remote switching of the operation at low rate by the electricity supplier

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Main circuit breaker of the electrical installation [single-phase] (A)
 FOR HEATING WITH THE OPTION OF CONNECTION TO AN EXTERNAL STORAGE TANK ¹							
1611.1	THERM ELN 8	2.5 ÷ 7.5		31	805 / 400 / 235	IP 40	16 [40]
1612.1	THERM ELN 15	5.0 ÷ 15.0		33	805 / 400 / 235	IP 40	25

¹ may also be connected to an external hot water storage tank using additional equipment

THERM wall-mounted gas atmospheric boilers



THERM PRO 14 XZ.A, KX.A THERM 20, 28 CXE.AA THERM 20, 28 LXZE.A THERM 20 LXZE.A 5



- Water cooled low-emission burner
- Simple and intuitive control
- Fluent regulation of boiler output
- Option of regulation according to the spatial or outdoor temperature
- High efficiency and low gas consumption
- Instantaneous DHW heating in the secondary plate heat exchanger (CXE.AA types)
- The boiler contains a three-way valve for alternative heating of the heating system and the external hot water storage tank (XZ.A, LXZE.A types)
- The boiler includes an indirect tank with a capacity of 55 litres (stainless) (KX.A, LXZE.A 5 types)
- Option to control by room thermostat or intelligent room regulator using OpenTherm+ communication
- The boilers are fitted with a low-emission burner with very low emissions of CO and NOx
- Suitable combination with the floor heating system

Order number	Name of item	Boiler output (kW)	Class of seasonal energy efficiency of heating	Energy efficiency class of water heating	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
WITH INSTANTANEOUS DHW HEATING								
1038.9	THERM 20 CXE.AA	8.0 ÷ 20.0			39	725 / 430 / 295	IP 44	0.90 ÷ 2.30
1044.9	THERM 28 CXE.AA	12.0 ÷ 28.0			40	725 / 500 / 368	IP 44	1.40 ÷ 3.25
WITH CONNECTION TO AN EXTERNAL DHW STORAGE TANK ⁴								
1014.9	THERM PRO 14 XZ.A	5.0 ÷ 14.0			30	800 / 430 / 275	IP 44 (D)	0.58 ÷ 1.62
1039.9	THERM 20 LXZE.A	8.0 ÷ 20.0			37	725 / 430 / 295	IP 44	0.90 ÷ 2.30
1045.9	THERM 28 LXZE.A	12.0 ÷ 28.0			41	725 / 500 / 368	IP 44	1.40 ÷ 3.25
WITH INTEGRATED DHW STORAGE TANK								
1019.10	THERM PRO 14 KX.A (55 l - stainless)	5.0 ÷ 14.0			70	830 / 630 / 435	IP 44 (D)	0.58 ÷ 1.62
1076.1	THERM 20 LXZE.A 5 (55 l - stainless)	8.0 ÷ 20.0			62	725 / 800 / 386	IP 44	0.90 ÷ 2.30

⁴ the values apply to the OKH 100 NTR/HV boiler with a storage tank

THERM wall-mounted gas atmospheric boilers




THERM 14 CLN.A, TCLN.A THERM 23 CLN.A, TCLN.A THERM 28 CLN.A, TCLN.A THERM 32 CLN.A, TCLN.A



- Instantaneous DHW heating in a bithermic heat exchanger
- Simple and intuitive control
- Fluent regulation of boiler output
- Option of regulation according to the spatial or outdoor temperature
- High efficiency and low gas consumption
- Option of room thermostat control
- 'Turbo' boilers are boilers with a closed combustion chamber, an external air supply system and a fan-forced exhaust of flue gases (TCLN.A types)

Order number	Name of item	Boiler output (kW)	Class NOx	Flue gas outlet diameter (mm)	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
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 WITH INSTANTANEOUS DHW HEATING								
1056.7	THERM 14 CLN.A	5.5 ÷ 14.0	2	110	26	725 / 430 / 298	IP 44	0.65 ÷ 1.65
1057.7	THERM 14 TCLN.A	5.5 ÷ 14.0	2	60/100	33	725 / 430 / 298	IP 44	0.65 ÷ 1.65
1050.7	THERM 23 CLN.A	10.0 ÷ 23.0	2	120	39	725 / 430 / 370	IP 44	1.10 ÷ 2.65
1051.7	THERM 23 TCLN.A	11.0 ÷ 23.0	3	60/100	41	725 / 430 / 370	IP 44	1.10 ÷ 2.65
1052.7	THERM 28 CLN.A	12.0 ÷ 28.0	3	130	40	725 / 500 / 370	IP 44	1.40 ÷ 3.25
1053.7	THERM 28 TCLN.A	13.0 ÷ 28.0	3	60/100	42	725 / 500 / 370	IP 44	1.40 ÷ 3.25
1063.7	THERM 32 CLN.A	14.0 ÷ 32.0	3	130	40	725 / 500 / 370	IP 44	1.60 ÷ 3.71
1064.7	THERM 32 TCLN.A	15.0 ÷ 32.0	3	60/100	42	725 / 500 / 370	IP 44	1.89 ÷ 3.71



THERM 20 LX.A, TLX.A THERM 20 CX.A, TCX.A THERM 20 LXZ.A, TLXZ.A



- Simple and intuitive control
- Fluent regulation of boiler output
- Option of regulation according to the spatial or outdoor temperature
- High efficiency and low gas consumption
- Option to heat water in an external storage tank with a three-way valve (LX.A, TLX.A types)
- Instantaneous DHW heating in a bithermic heat exchanger (CX.A, TCX.A types)
- The boiler contains a three-way valve for alternative heating of the heating system and the external hot water storage tank (LXZ.A, TLXZ.A types)
- Option to control by room thermostat or intelligent room regulator using OpenTherm+ communication
- 'Turbo' boilers are boilers with a closed combustion chamber, an external air supply system and a fan-forced exhaust of flue gases (TLX.A, TCX.A, TLXZ.A types)

Order number	Name of item	Boiler output (kW)	Class NOx	Flue gas outlet diameter (mm)	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
 HEATING ONLY ¹								
1002.7	THERM 20 LX.A	8.0 ÷ 20.0	2	120	31	830 / 430 / 370	IP 44	0.90 ÷ 2.30
1005.7	THERM 20 TLX.A	9.0 ÷ 20.0	3	60/100	38	830 / 430 / 370	IP 44	1.00 ÷ 2.30
 WITH INSTANTANEOUS DHW HEATING								
1008.8	THERM 20 CX.A	8.0 ÷ 20.0	2	120	33	830 / 430 / 370	IP 44	0.90 ÷ 2.30
1011.8	THERM 20 TCX.A	9.0 ÷ 20.0	3	60/100	40	830 / 430 / 370	IP 44	1.00 ÷ 2.30
 WITH CONNECTION TO AN EXTERNAL DHW STORAGE TANK								
1015.7	THERM 20 LXZ.A	8.0 ÷ 20.0	2	120	33	830 / 430 / 370	IP 44	0.90 ÷ 2.30
1017.7	THERM 20 TLXZ.A	9.0 ÷ 20.0	3	60/100	40	830 / 430 / 370	IP 44	1.00 ÷ 2.30

¹ may also be connected to an external hot water storage tank using additional equipment




THERM wall-mounted gas atmospheric boilers



THERM 28 LX.A, TLX.A THERM 28 CX.A, TCX.A THERM 28 LXZ.A, TLXZ.A



- Simple and intuitive control
- Fluent regulation of boiler output
- Option of regulation according to the spatial or outdoor temperature
- High efficiency and low gas consumption
- Option to heat water in an external storage tank with a three-way valve (LX.A, TLX.A types)
- Instantaneous DHW heating in a bithermic heat exchanger (CX.A, TCX.A types)
- The boiler contains a three-way valve for alternative heating of the heating system and the external hot water storage tank (LXZ.A, TLXZ.A types)
- Option to control by room thermostat or intelligent room regulator using OpenTherm+ communication
- 'Turbo' boilers are boilers with a closed combustion chamber, an external air supply system and a fan-forced exhaust of flue gases (TLX.A, TCX.A, TLXZ.A types)

Order number	Name of item	Boiler output (kW)	Class NOx	Flue gas outlet diameter (mm)	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
 HEATING ONLY ¹								
1003.7	THERM 28 LX.A	12.0 ÷ 28.0	3	130	35	830 / 500 / 370	IP 44	1.40 ÷ 3.25
1006.7	THERM 28 TLX.A	13.0 ÷ 28.0	3	60/100	42	830 / 500 / 370	IP 44	1.50 ÷ 3.25
 WITH INSTANTANEOUS DHW HEATING								
1008.8	THERM 28 CX.A	12.0 ÷ 28.0	3	130	37	830 / 500 / 370	IP 44	1.40 ÷ 3.25
1011.8	THERM 28 TCX.A	13.0 ÷ 28.0	3	60/100	44	830 / 500 / 370	IP 44	1.50 ÷ 3.25
 WITH CONNECTION TO AN EXTERNAL DHW STORAGE TANK								
1015.7	THERM 28 LXZ.A	12.0 ÷ 28.0	3	130	37	830 / 500 / 370	IP 44	1.40 ÷ 3.25
1017.7	THERM 28 TLXZ.A	13.0 ÷ 28.0	3	60/100	44	830 / 500 / 370	IP 44	1.50 ÷ 3.25

¹ may also be connected to an external hot water storage tank using additional equipment


THERM gas atmospheric boilers for cascade boiler rooms



THERM DUO 50.A THERM DUO 50 T.A THERM DUO 50 FT.A



- There is also the option to hot water in an external reservoir and fitting with a three-way valve.
- Simple and intuitive control
- Continuous boiler regulation
- Option of regulation according to the spatial or outdoor temperature
- Option to control by a room thermostat or an intelligent room regulator using OpenTherm+ communication
- Option of connection into cascade boiler rooms in order to increase heating power
- Two to 32 boilers can be connected in the cascade
- Cascade output 18 - 1437 kW
- The boilers are fitted with a low-emission burner with very low emissions of CO and NOx
- THERM DUO 50 boilers are manufactured in three configurations
 - THERM DUO 50.A with natural draught of flue gases (chimney)
 - THERM DUO 50 T.A with combustion air exhaust from the room and flue gas extraction into the external environment
 - THERM DUO 50 FT.A - turbo (type 'C' appliance) with coaxial extraction and exhaust of combustion air from the external environment

Order number	Name of item	Boiler output (kW)	Class NOx	Flue gas outlet diameter (mm)	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
 HEATING ONLY ¹								
1004.8	THERM DUO 50.A	18.0 ÷ 44.9	5	160	46	900 / 570 / 430	IP 44	2.10 ÷ 5.20
1007.8	THERM DUO 50 T.A	18.0 ÷ 44.9	5	80	48	900 / 570 / 430	IP 44	2.10 ÷ 5.20
1048.8	THERM DUO 50 FT.A	25.0 ÷ 44.9	5	80/125	52	900 / 600 / 475	IP 44	2.20 ÷ 5.20

¹ may also be connected to an external hot water storage tank using additional equipment


THERM gas atmospheric boilers for cascade boiler rooms



THERM TRIO 90 THERM TRIO 90T



- There is also the option to hot water in an external reservoir and fitting with a three-way valve.
- Simple and intuitive control
- Continuous boiler regulation
- Option of regulation according to the spatial or outdoor temperature
- Option to control by a room thermostat or an intelligent room regulator using OpenTherm+ communication
- Option of connection into cascade boiler rooms in order to increase heating power
- Two to 32 boilers can be connected in the cascade
- Cascade output 36 - 2864 kW
- The boilers are fitted with a low-emission burner with very low emissions of CO and NOx
- THERM TRIO 90 boilers are manufactured in two configurations
 - THERM TRIO 90 with natural draught of flue gases (chimney)
 - THERM TRIO 90T with combustion air exhaust from the room and flue gas extraction into the external environment

Order number	Name of item	Boiler output (kW)	Class NOx	Flue gas outlet diameter (mm)	Boiler weight (kg)	Boiler dimension: height / width / depth (mm)	Degree of protection of electrical parts	Natural gas consumption (m ³ .h ⁻¹)
 HEATING ONLY ¹								
1046.6	THERM TRIO 90	36.0 ÷ 89.5	5	225	84	1070 / 700 / 500	IP 41	4.26 ÷ 10.34
1047.6	THERM TRIO 90T	42.0 ÷ 89.5	5	100	88	1350 / 700 / 500	IP 41	4.97 ÷ 10.34

¹ may also be connected to an external hot water storage tank using additional equipment



THERMONA, spol. s r.o.

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Czech Producer of Boilers

