

MODUMAX

High Efficiency Modular Condensing Boilers 210 KW - 1800 KW

Indoor model



Outdoor Weather proof model



Features

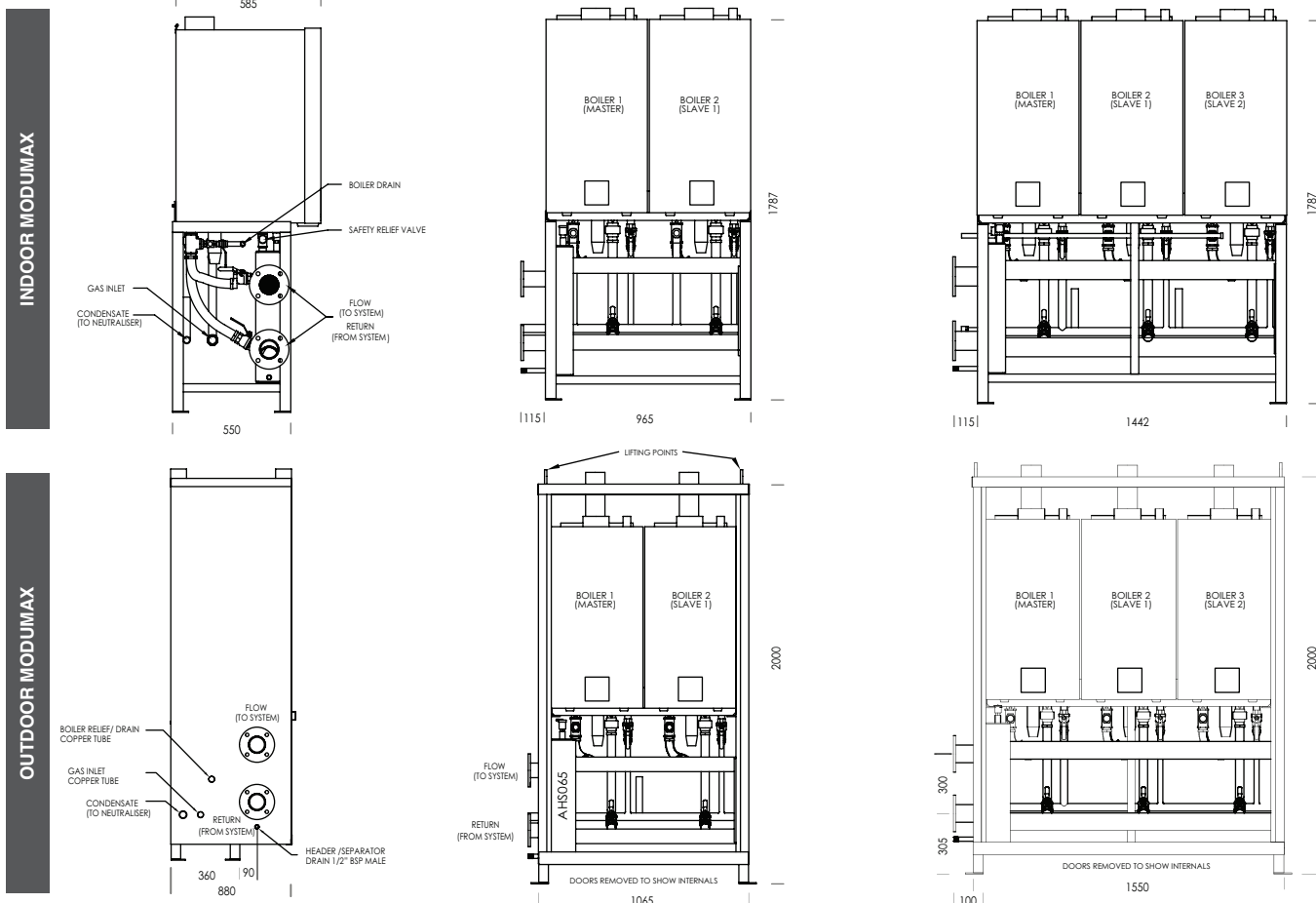
- Cascade sequence control for up to 12 modules
- Built in pump for optimum stability
- Fully modulating premix burners
- Up to 18-1 turndown over 3 modules
- 600 Kpa standard working pressure
- Stainless steel heat exchanger european quality with 5 year structural guarantee.
- High quality components with low operating and maintenance costs.
- Standard volt free contacts for run and fault indication and 0-10v remote temp set point adjustment.
- Built in hydraulic separator
- Indoor/ Outdoor installation
- OPTIONAL Outside temperature compensation
- OPTIONAL modbus BMS interface

Modumax Benefits

Type A Gas Approval NO - EMK10641

- High modulation range over multiple modules
- Built-in cascade controller for up to 12 modules
- Built-in water pressure sensor
- 0-10V DC temperature set point control
- Full independent redundancy over each modumax module
- Remote volt free indication status for run & fault
- Suitable for building management systems (bms) via optional modbus connection
- Quick and easy installation and maintenance
- Type A natural gas approval
- Indoor/ Outdoor
- SKD Suitable for site assembly

MODUMAX SPECIFICATIONS



MODUMAX 2 PAK

MODUMAX 3 PAK

MODUMAX MODEL		210	250	300	315	375	450
WALLMAX WMX Model x Qty		2 x WMX 105	2 x WMX 125	2 x WMX 150	3 x WMX 105	3 x WMX 125	3 x WMX 150
Min /Max Output at 80/60°C	kw	18 - 210	21 - 250	25 - 300	18 - 315	21 - 375	25 - 450
Min /Max Output at 50/30°C	kw	19 - 221	23 - 264	27 - 326	19 - 331	23 - 396	27 - 489
Dimensions H x W x L (indoor)	mm	1787 x 585x 965	1787 x 585 x 965	1787 x 585 x 965	1787 x 585 x 1450	1787 x 585 x 1450	1787 x 585 x 1450
Dimensions H x W x L (outdoor)	mm	2000 x 800 x 1065	2000 x 800 x 1065	2000 x 800 x 1065	2000 x 800 x 1550	2000 x 800 x 1550	2000 x 800 x 1550
Weight (dry) In/ Out	Kg	220/ 250	220/ 250	250/ 290	330/ 380	330/ 380	352/ 400
Water content	Litres	34	34	38	51	51	57
Water Flange connections	mm	65	65	65	80	80	80
Gas connection	mm	32	32	38	38	38	50
Condensate connection	mm	32	32	32	32	32	32
Flue size (Indoor) 100mm	mm	2 x 100	2 x 100	2 x 100	3 x 100	3 x 100	3 x 100
Electrical Connection	watts /AMP	710 / 4.8	710 / 4.8	1105 / 7.2	1065 / 7.2	1065 / 7.2	1530 / 10.8
Nominal Gas Input NG	Mh/hr	708	896	1140	1182	1344	1710
Gas Pressure NG min / max	kPa	1.13 - 3.5	1.13 - 3.5	1.13 - 3.5	1.13 - 3.5	1.13 - 3.5	1.13 - 3.5
Efficiency Nett /Gross at 80/60	%	96/90	96/90	96/90	96/90	96/90	96/90
Efficiency Nett / Gross at 50/30	%	108/97	108/97	108/97	108/97	108/97	108/97
Operating temperature max / min	°C	25 - 90	25 - 90	25 - 90	25 - 90	25 - 90	25 - 90
Nominal flue gas temp range	°C	60 - 95	60 - 95	60 - 95	60 - 95	60 - 95	60 - 95
Operating Pressure min / max	kPa	80 - 600	80 - 600	80 - 600	80 - 600	80 - 600	80 - 600
Sound DB (A)		50	52	53	50	52	53
Nox-Class		6	6	6	6	6	6
Max flue resistance	Pa	150	150	200	150	150	200

For higher capacities add 2 or 3 pack modules together
Nominal mj/hr input and kw output excludes flue resistance effect

**Specifications subject to change without notice. Warranty conditional on verified maintenance.
Natural gas type A approval no GMK10641 to AS /NZS 5263.1.2

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