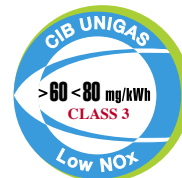
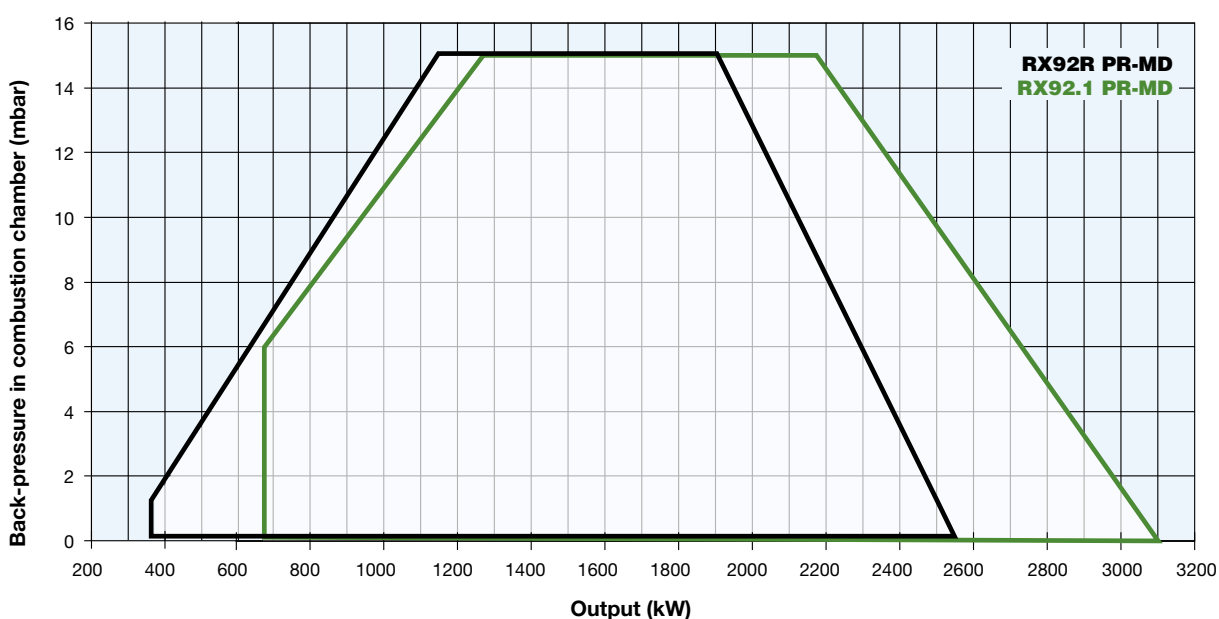


# **novanta** SERIES **RX92R RX92.1**



GAS

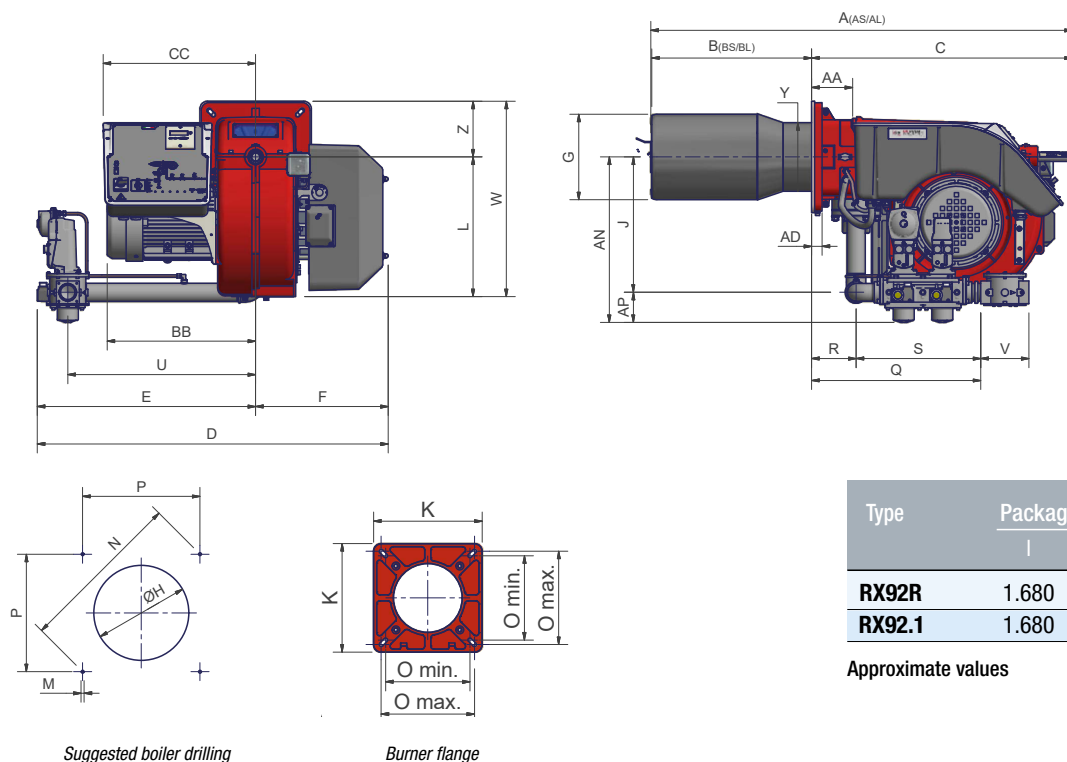
The series NOVANTA **Low NO<sub>x</sub> Class 3 (< 80 mg/kWh)** has been developed to meet the current and future requests regarding the low emissions of NO<sub>x</sub>. The innovation of the combustion head allows to achieve substantial improvements in terms of emissions reduction, flame stability and reliability. The perfect mix of air/gas within the combustion head of these burners, guarantees a very uniform flame in all working conditions.



## TECHNICAL DETAILS

| Type          | Model              | Output kW |       | Auxiliary electrical power supply | Motor electrical power supply | Fan motor | Gas connections          | Noise level |
|---------------|--------------------|-----------|-------|-----------------------------------|-------------------------------|-----------|--------------------------|-------------|
|               |                    | min.      | max.  |                                   |                               | kW        | Rp                       | dBA         |
| <b>RX92R</b>  | M-.xx.x.xx.A.1.xxx | 350       | 2.550 | 230 V 1N AC 50 Hz                 | 400 V 3 AC 50 Hz              | 7,5       | 2” - DN65 - DN80 - DN100 | 74,5        |
| <b>RX92.1</b> | M-.xx.x.xx.A.1.xxx | 670       | 3.100 | 230 V 1N AC 50 Hz                 | 400 V 3 AC 50 Hz              | 7,5       | 2” - DN65 - DN80 - DN100 | 76,9        |

For the configuration of the gas train, see page 112-113.

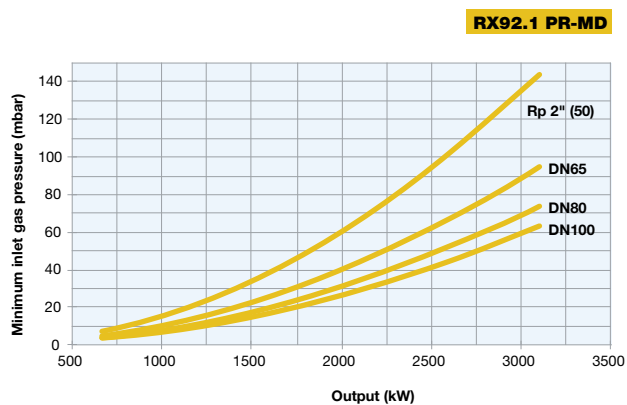
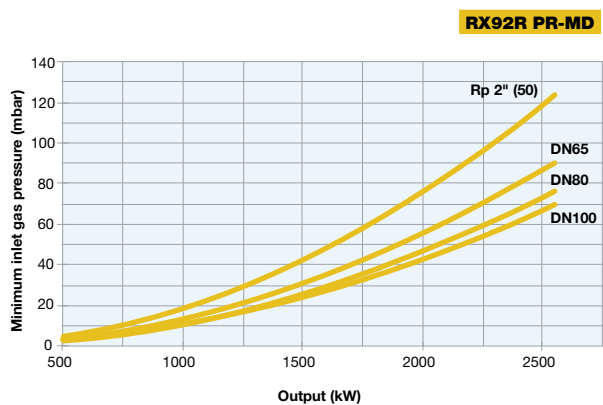
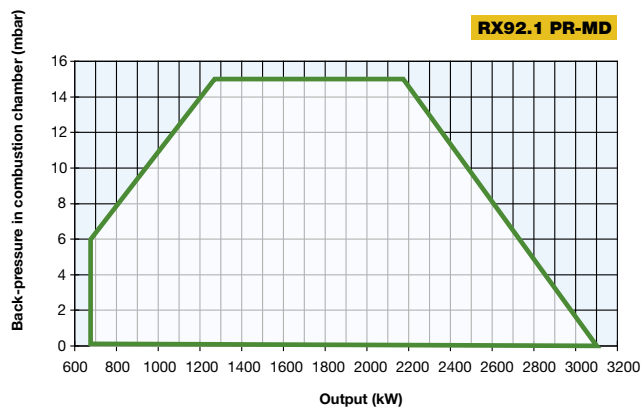
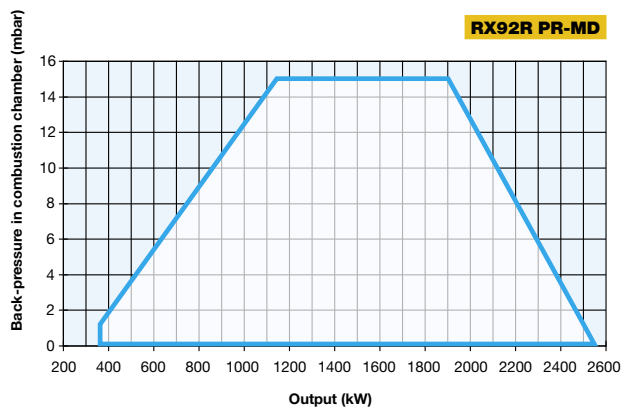
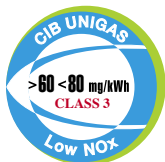


| Type          | Packaging dimensions (mm) |       |       |     |
|---------------|---------------------------|-------|-------|-----|
|               | l                         | p     | h     | kg  |
| <b>RX92R</b>  | 1.680                     | 1.080 | 1.080 | 260 |
| <b>RX92.1</b> | 1.680                     | 1.080 | 1.080 | 270 |

Approximate values

| Type   | Model              | Overall dimensions (mm) |      |     |    |     |     |     |     |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--------|--------------------|-------------------------|------|-----|----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|        |                    | AS                      | AL   | AA  | AD | AN  | AP  | BS  | BL  | BB  | C   | CC  | D    | E    | F   | G   | H   | J   | K   | L   | M   | N   | O   |     | P   | Q   | R   | S   | U   | V   | W   | Y   | Z   |
|        |                    | min. max.               |      |     |    |     |     |     |     |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| RX92R  | M-.xx.x.xx.A.1.50  | 1261                    | 1361 | 135 | 35 | 550 | 100 | 390 | 490 | 493 | 871 | 506 | 1160 | 725  | 435 | 259 | 289 | 450 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 532 | 148 | 384 | 624 | 190 | 649 | 228 | 185 |
| RX92R  | M-.xx.x.xx.A.1.65  | 1261                    | 1361 | 135 | 35 | 564 | 117 | 390 | 490 | 493 | 871 | 506 | 1406 | 971  | 435 | 259 | 289 | 447 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 632 | 148 | 484 | 846 | 292 | 649 | 228 | 185 |
| RX92R  | M-.xx.x.xx.A.1.80  | 1261                    | 1361 | 135 | 35 | 579 | 132 | 390 | 490 | 493 | 871 | 506 | 1437 | 1002 | 435 | 259 | 289 | 447 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 683 | 148 | 535 | 875 | 313 | 649 | 228 | 185 |
| RX92R  | M-.xx.x.xx.A.1.100 | 1261                    | 1361 | 135 | 35 | 592 | 145 | 390 | 490 | 493 | 871 | 506 | 1520 | 1085 | 435 | 259 | 289 | 447 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 790 | 148 | 642 | 942 | 353 | 649 | 228 | 185 |
| RX92.1 | M-.xx.x.xx.A.1.50  | 1300                    | 1400 | 135 | 35 | 550 | 100 | 420 | 530 | 493 | 866 | 506 | 1165 | 725  | 440 | 284 | 314 | 450 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 532 | 148 | 384 | 624 | 190 | 649 | 228 | 185 |
| RX92.1 | M-.xx.x.xx.A.1.65  | 1300                    | 1400 | 135 | 35 | 564 | 117 | 420 | 530 | 493 | 866 | 506 | 1411 | 971  | 440 | 284 | 314 | 447 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 632 | 148 | 484 | 846 | 292 | 649 | 228 | 185 |
| RX92.1 | M-.xx.x.xx.A.1.80  | 1300                    | 1400 | 135 | 35 | 579 | 132 | 420 | 530 | 493 | 866 | 506 | 1442 | 1002 | 440 | 284 | 314 | 447 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 683 | 148 | 535 | 875 | 313 | 649 | 228 | 185 |
| RX92.1 | M-.xx.x.xx.A.1.100 | 1300                    | 1400 | 135 | 35 | 592 | 145 | 420 | 530 | 493 | 866 | 506 | 1525 | 1085 | 440 | 284 | 314 | 447 | 360 | 464 | M12 | 424 | 280 | 310 | 300 | 790 | 148 | 642 | 942 | 353 | 649 | 228 | 185 |

Approximate values



**Attention:** the graph shows the value of the gas output (kW) against the corresponding pressure without the combustion chamber back pressure. To know the minimum gas pressure at gas train, in order to get the gas output, it is necessary to add the boiler back pressure to the value read on the curve.