

Installation and Commissioning Checklist



This checklist is to be completed and returned to RATIONAL within 14 days of installation /commission to validate warranty. For detailed information, please consult the installation manual. It is highly recommended to send pictures and service data of the unit!

Company (Customer):		Contact person (Customer):	
Street:		Postcode:	
Town/Country:		Telephone number:	
E-Mail:		Job number:	
Serial number of unit:		Serial number UltraVent:	
Company (installer):		Name (installer):	
Date of Installation:		Date of Commissioning:	

Yes: No: In case of deviation, please comment:

Certification mark not damaged?			
Material is delivered correct, complete and without damages? (Unit and accessories)?			

1 Position and orientation: Yes: No: In case of deviation, please comment:

Distances to walls, roof and heat sources observed?			
Everything leveled and fixed?			

2 Water connection: Yes: No: In case of deviation, please comment:

Water connection properly installed? (Independent tap, 1.5 - 6bar / 21 - 87 psi, temp. max. 30 °C / 86 °F, soft water)?			
Water filter installed and used properly?			Not used: ☐
Type of water filter:			

3 Drain: Yes: No: In case of deviation, please comment:

Drain installed as required? (steam resistant pipe, level, angle)			
Used a separated drain for each unit?			
Drain used:	Siphon: ☐	Open drain: ☐	Additional vent pipe: ☐

4 Power connection electric units: Yes: No: In case of deviation, please comment:

Connection according to the manual and local regulations? (phase breaker and power switch accessible)			
Is the unit connected to a ground fault circuit interrupter?			
Measured voltage (with neutral)	L1 - N: ☐ V	L2 - N: ☐ V	L3 - N: ☐ V N - PE: ☐ V
Measured voltage (without neutral)	L1 - L2: ☐ V	L1 - L3: ☐ V	L2 - L3: ☐ V L1 - L2: ☐ V
Fuse (current):	A		

5 Power connection gas units: Yes: No: In case of deviation, please comment:

Connection according to the manual and local regulations? (phase breaker, power switch accessible, gas shut-off valve)			
Measured voltage	L1 - N/L2: ☐ V	N - PE: ☐ V	
All gas connections tested for leakage?			
Diameter supplied (must be at least 3/4)?			
Static gas pressure:	mbar / w. c.		

6 Start:	Yes:	No:	In case of deviation, please comment:
Are all screws tight properly? (Terminals, contactors)?			
Extractor hood is installed and works properly?			Not used:
Air baffle is closed and secured? All packages removed from cabinet? Closed GN container placed in the middle of each fan wheel (upside down)?			
Adjustments for unit door performed?			
Start unit → Self-test			
All water and drain connections tight and not leaking?			
Self-test successfully completed?			

6.1 Electric units:

(Measure consumption after finished self-test)

Measured Amp at 100% steam:	L1:	A	L2:	A	L3:	A
Measured Amp at 100% hot air:	L1:	A	L2:	A	L3:	A

6.2 Gas units:

(perform flue gas analysis after finished self-test)

Yes: No: In case of deviation, please comment:

Dynamic gas pressure (in hot air mode manual 300 °C / 572 °F):							mbar / w. c.	
CO ₂ / CO value in allowed range (please attach a printout or use table below)?								
Gas type converted?								
Type of gas:	G20:		G25:		G30:		G31:	
	13A / 12A:				Nat. Gas US:			
Burner:	Values at max. RPM				Values at min. RPM			
	CO ₂		CO		CO ₂		CO	
Steam:	%		ppm		%		ppm	
Hot air top:	%		ppm		%		ppm	
Hot air bottom:	%		ppm		%		ppm	

7 Function test / Instruction:

Yes: No: In case of deviation, please comment:

Unit updated to latest software version?			Software version:	
Correct service telephone number, time and date set to unit?				
Customer advised in basic operation (cooking modes) and safety instructions according to "technical customer instruction (check-list)"?				

Total installation:

Yes: No: In case of deviation, please comment:

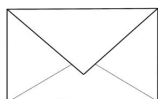
Does the installation comply with all requirements of the installation manual and all valid local laws, norms and standards?			
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Date

Signature Installer

Signature Customer

Send via E-Mail:



Digital version:



http://bitly.com/inst_en_usa