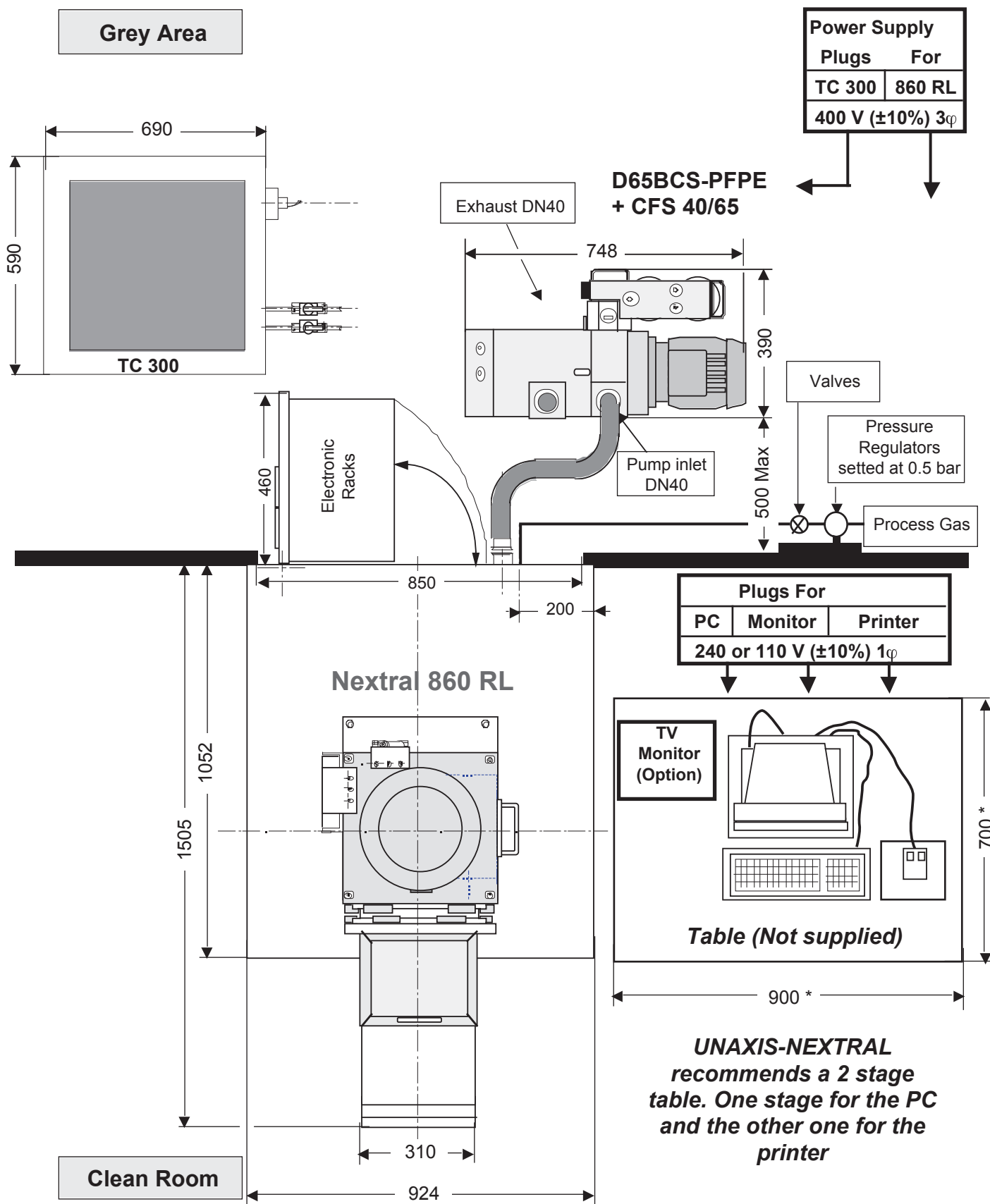


1 - Footprint

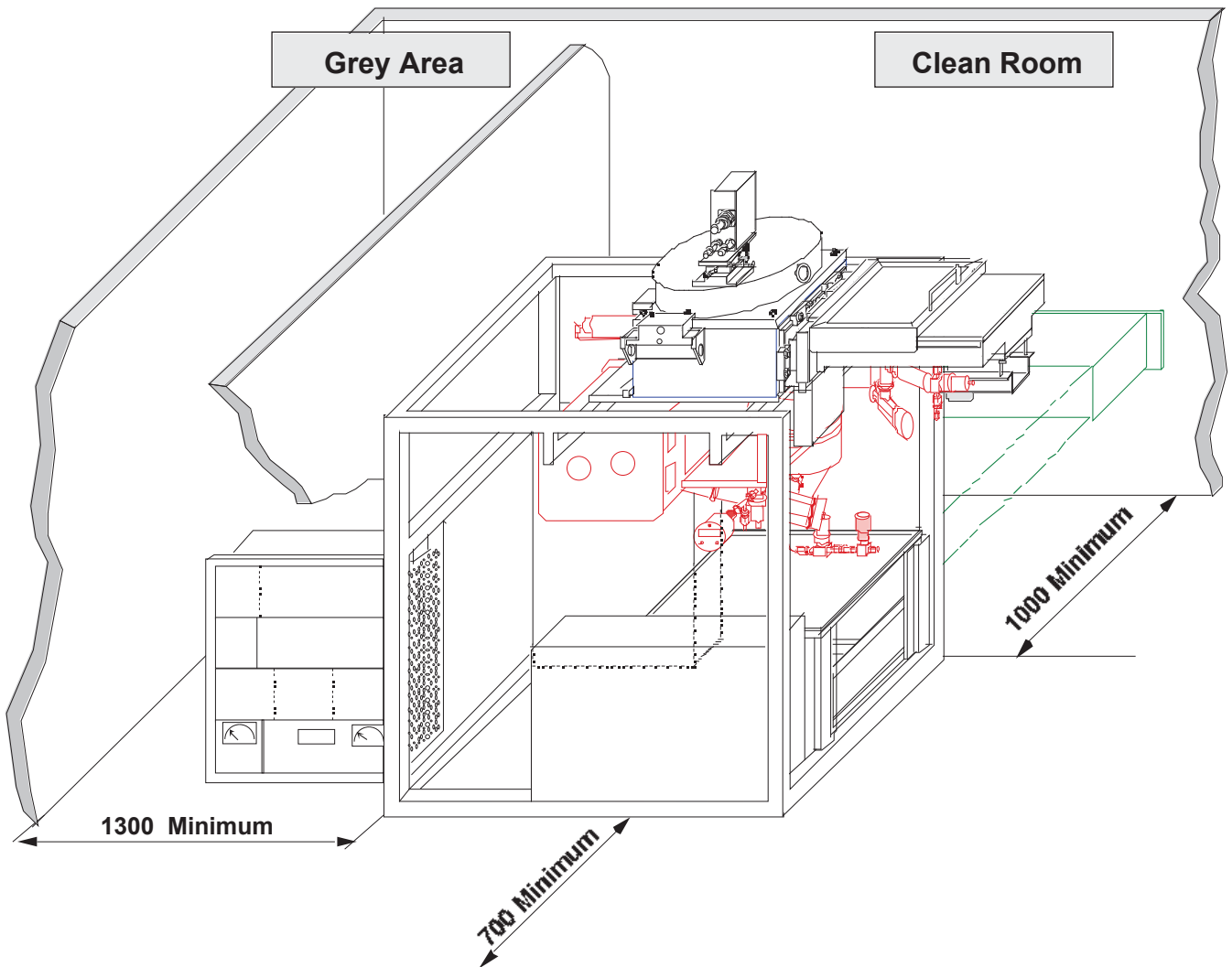
s/n : 73



UNAXIS-NEXTRAL
*recommends a 2 stage
 table. One stage for the PC
 and the other one for the
 printer*

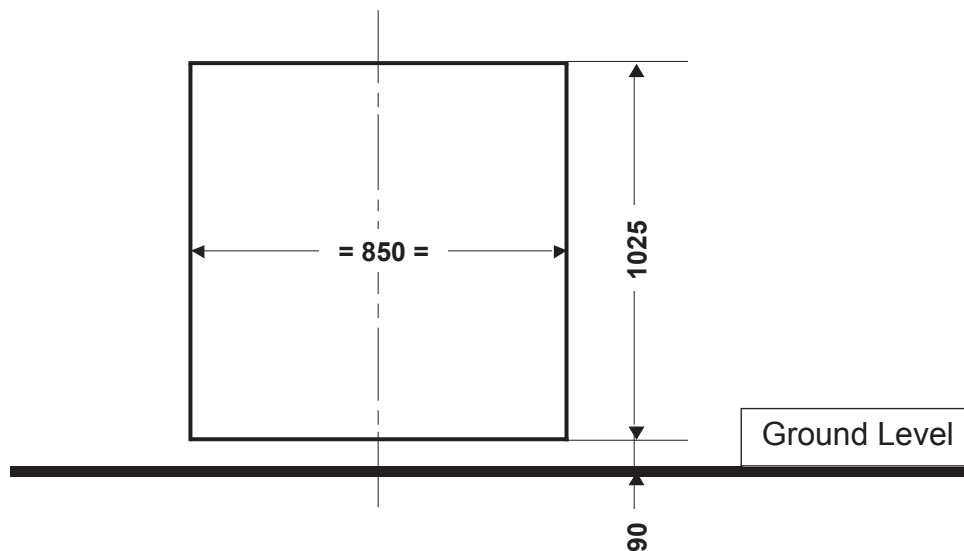
2 - Installation

s/n : 73



Wall placed just at the rear of the system as shown in Footprint, Roughing pump and chiller TC are in the grey area.

Wall aperture for a "Through The Wall" installation

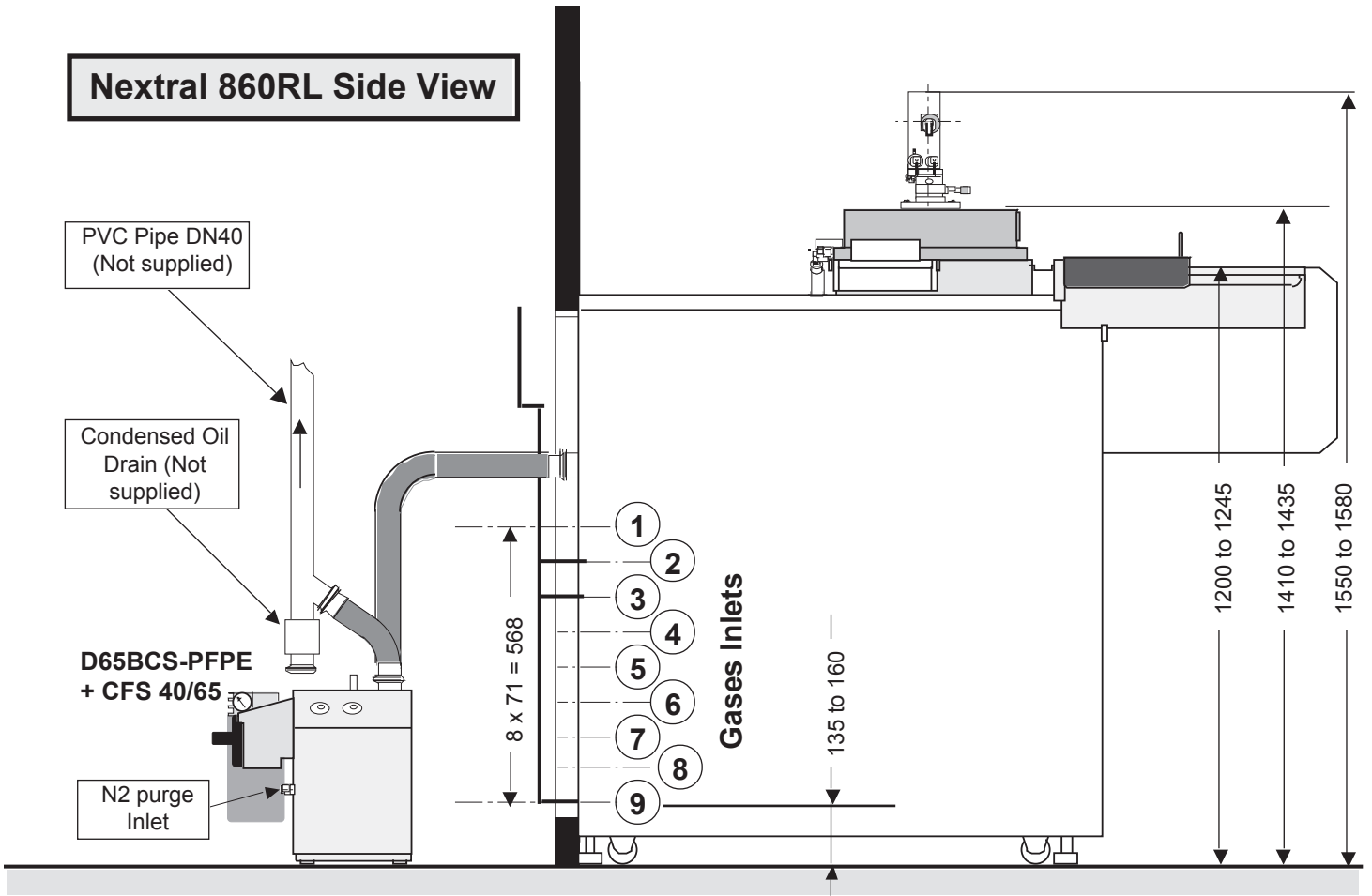


3 - System Facilities

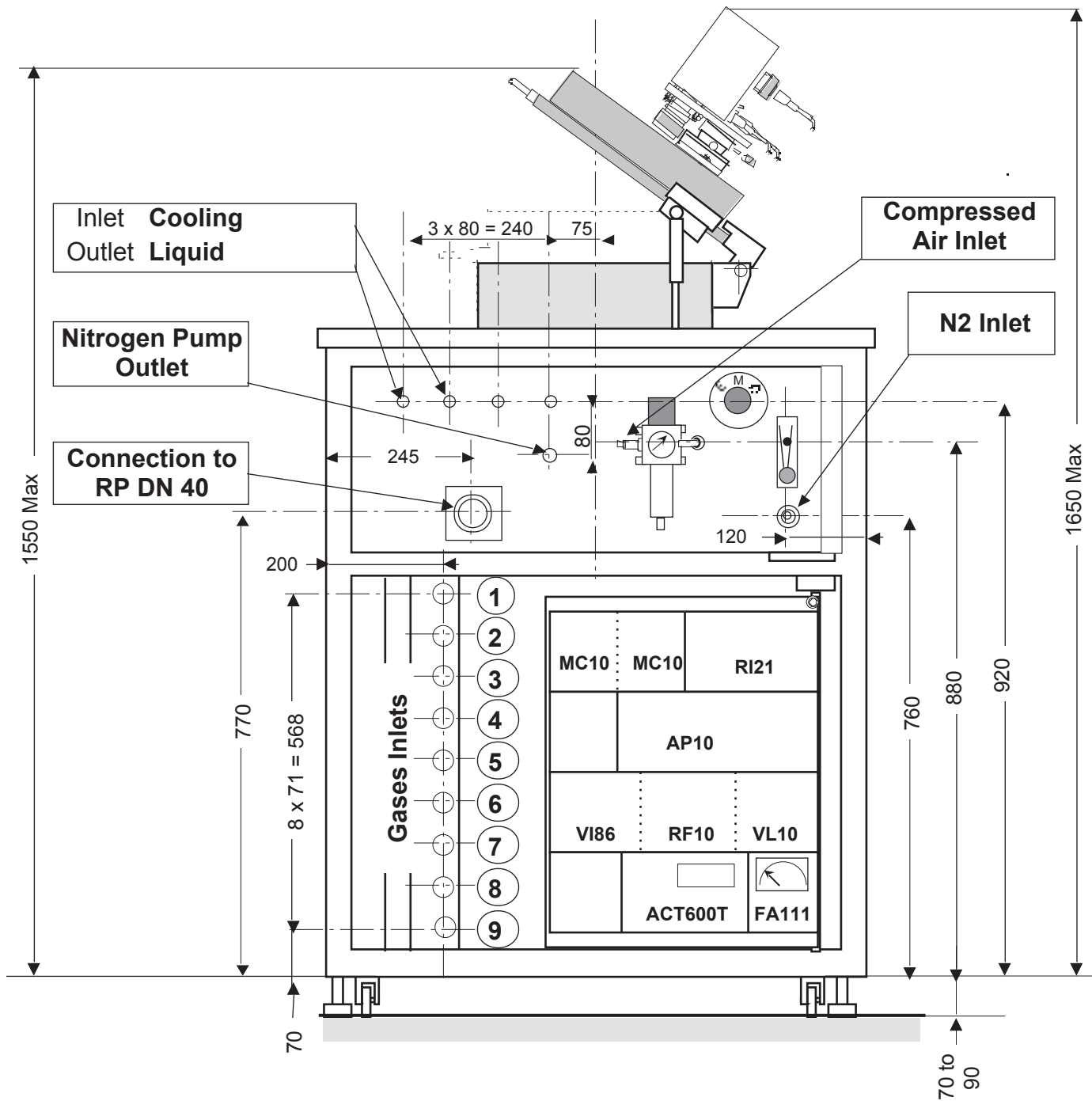
s/n : 73

- System Power : 400 V (±10%) 3 φ + Neutral + ground / **11 KVA** (D type main breaker) - 50 / 60 Hz
 - Chiller Power : 400 V (±10%) 3 φ + Neutral + ground / **7 KVA** (D type main breaker) - 50 / 60 Hz
 - PC Power : 240 V or 110 V (±10%) Single φ + Neutral + ground / **0.8 KVA** - 50 / 60 Hz
 - Monitor Power : 240 V or 110 V (±10%) Single φ + Neutral + ground / **0.4 KVA** - 50 / 60 Hz
 - Printer Power : 240 V (±10%) Single φ + Neutral + ground / **0.1 KVA** - 50 / 60 Hz
 - Total consumption in Operate Mode : **6,7 KW**
 - Total consumption in Standby Mode : **3,6 KW**
 - Power rejected in Clean Room (Operate Mode) : **2,4 KW**
 - Power rejected in Grey Area (Operate Mode) : **3,5 KW**
 - Dry and filtered Nitrogen with a **0 to 3 bar** pressure regulator (**Supplied by customer**)
 - Nitrogen tubing : **Polyamide pipe Ø4/6 mm**
 - Compressed Air, pressure > **7 bar**, fitting with **Ø4/6 mm Polyamide pipe**
 - Blower exhaust ≥ **10 m³/h**, connection through **DN40 PVC pipe (Supplied by customer)**
 - Gas cabinet exhaust ≥ **100 m³/h**, connection through **Ø80 mm PVC pipe (OPTIONAL)**
 - 316L stainless steel gas lines with valves and **0 to 3 bar** pressure regulators (**Supplied by customer**)
- NOTE : For liquids (SF6, CHF3, CF4, etc...) two (2) pressure regulators in series must be installed*
- NOTE : For liqu: Ø4/6 mm with female VCR nuts for connection to gas inlets*
- Gas purity : **Electronic quality**
 - Maintenance : **Digital telephone line**

(See detailed description pages 6 and 7)



Nextral 860RL Rear View, without panels



Gas inlets			
N°	GAS	Purity (%)	Max Flow
1	Ar	99,9999	100 sccm
2	O2	99,9995	100 sccm
3	CHF3	99,00	50 sccm
4	CH4	99,9995	25 sccm

N°	GAS	Purity (%)	Max Flow
5	H2	99,995	50 sccm
6	Cl2	99,99	200 sccm
7	BCl3	Electronic	100 sccm
8	/	/	/ /
9	He	99,9999	25 sccm