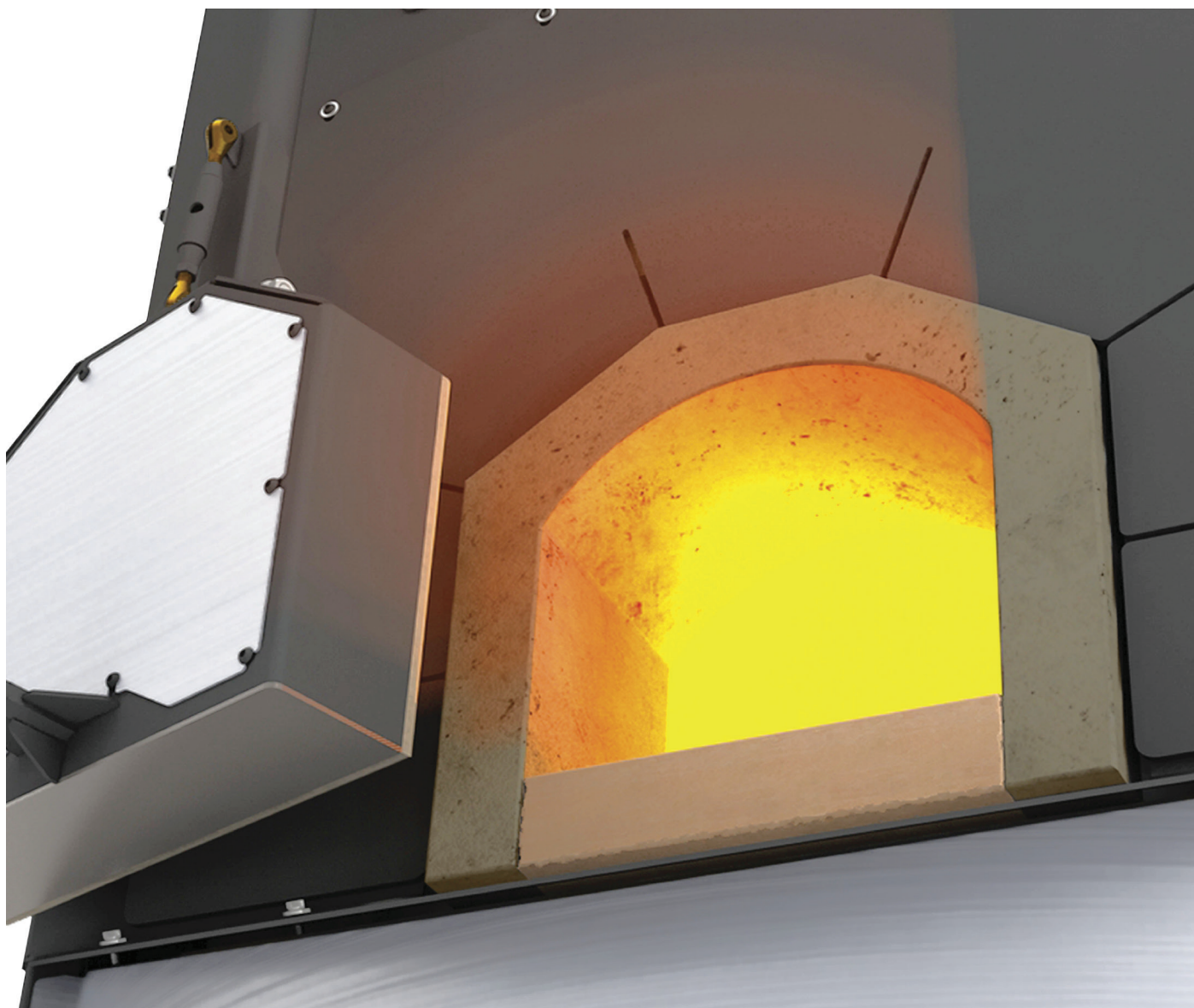


Wet Dog Glass Europe



Electric glass melting furnaces

Designed by glass blowers for glass blowers



Cerama High Temperature Products A/S

Cerama High Temperature Products A/S . Hammerholmen 44 . DK-2650 Hvidovre . Tlf. +45 36772222 . Fax +45 36772624 . E-mail: cerama@cerama.dk

www.cerama.dk

Free Standing Pot Furnaces

The furnaces feature a dense refractory lining backed by ceramic fiber insulation to create a very durable, energy efficient unit that produces high quality glass.

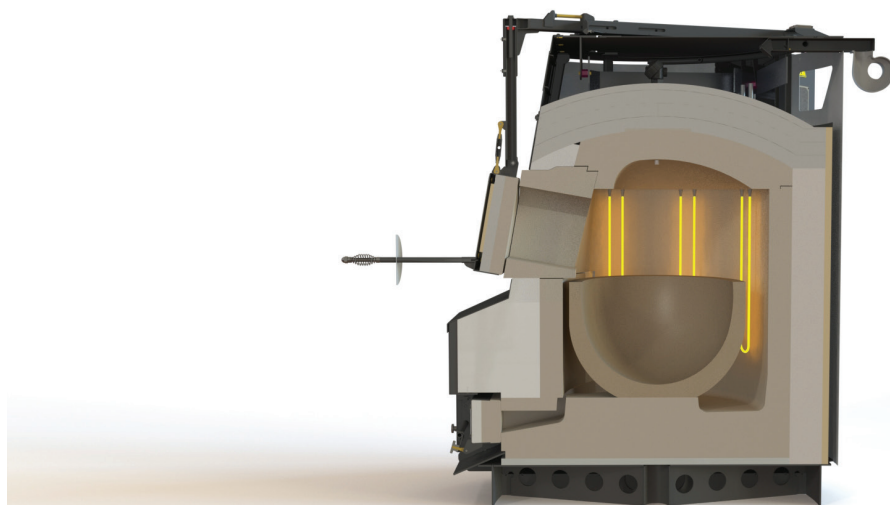
The crucible is changed through the front of the furnace.

Specifications Model EFSP 275

Capacity:	App. 125 kg glass
Power:	App. 28 kW
Voltage:	400V-3P-N-PE
Fuses:	3 x 50 A
Heating Elements:	6 pcs Moly 1700 - 9/18 mm
Max Temperature:	1340°C
Furnace Weight:	2100 kg
Transformer:	3 phase - 40 kVA - 400V / 31V - App. 200 kg (W x D x H: 670 x 520 x 830 mm)
Control System:	Program Controller - 3 phase thyristor - RS 485 (W x D x H: 800 x 350 x 1000 mm)
Crucible:	Emhart GC-95, GC-89 or Crucible Connection CRB1006 (not included)
Estimated consumption:	Charging twice per week with cullet at 1.200°C: app.100,000 kWh/year Charging twice per week with batch at 1.315°C: app.104,000 kWh/year

Specifications Model EFSP 400

Capacity:	App. 180 kg glass
Power:	App. 40 kW
Voltage:	400V-3P-N-PE
Fuses:	3 x 63 A
Heating Elements:	6 pcs Moly 1700 - 9/18 mm
Max Temperature:	1340°C
Furnace Weight:	2275 kg
Transformer:	3 phase - 50 kVA - 400V / 41V - App. 250 kg (W x D x H: 670 x 520 x 830 mm)
Control System:	Program Controller - 3 phase thyristor - RS 485 (W x D x H: 800 x 350 x 1000 mm)
Crucible:	Emhart GC-98 or Crucible Connection CRB1008 (not included)
Estimated consumption:	Charging twice per week with cullet at 1.200°C: app.128,000 kWh/year Charging twice per week with batch at 1.315°C: app.134,000 kWh/year

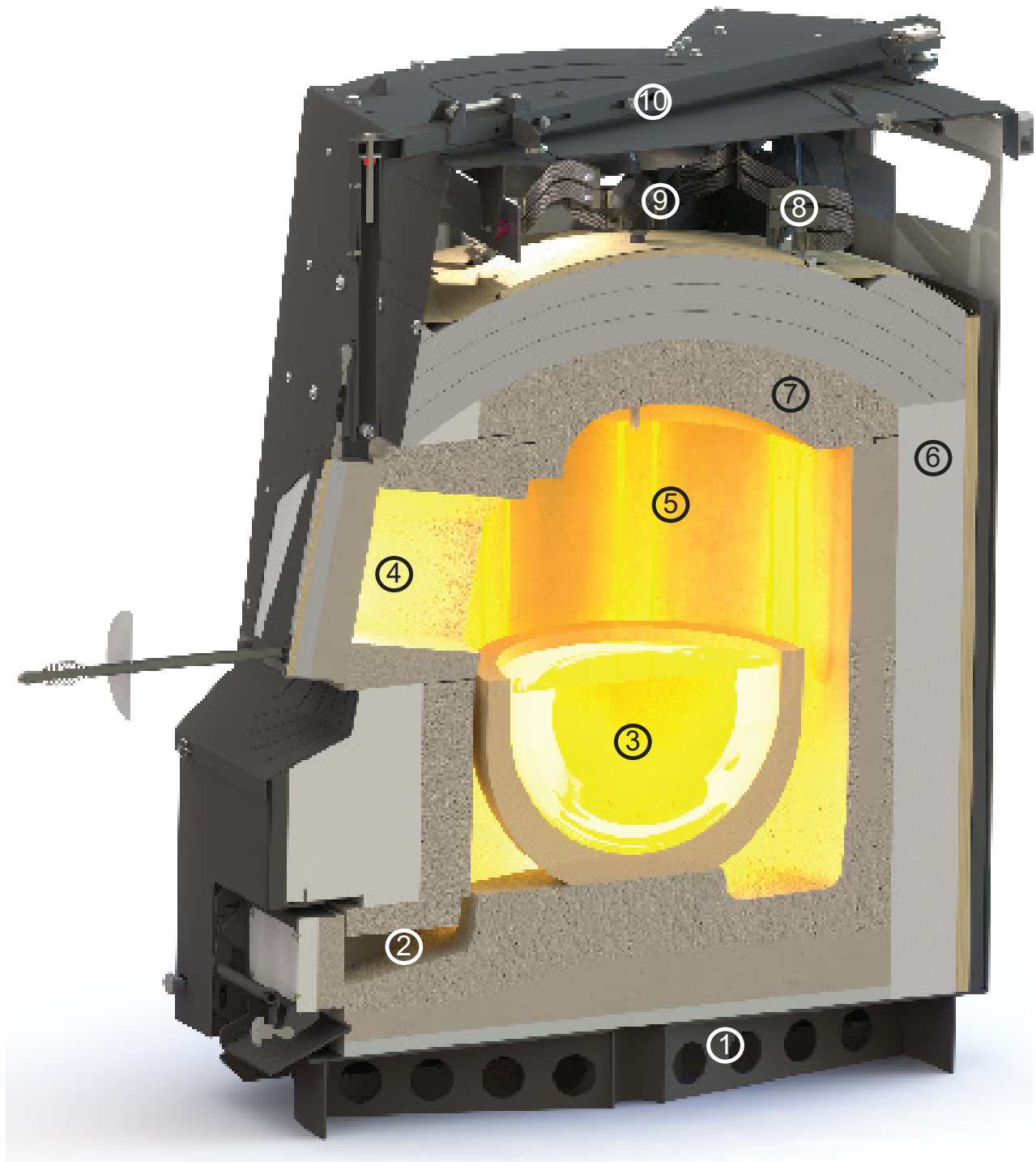


Ask us about offers and delivery time.

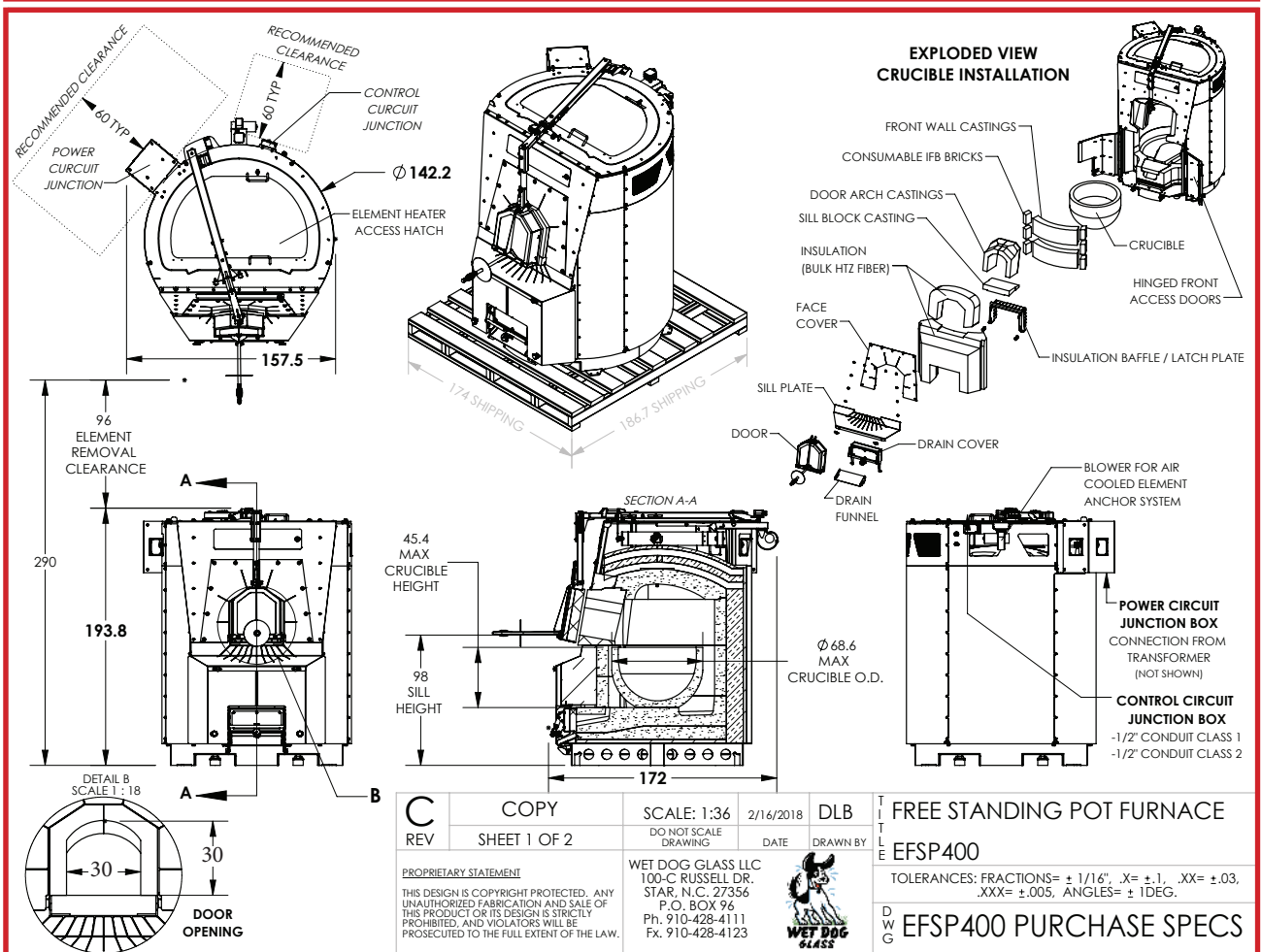
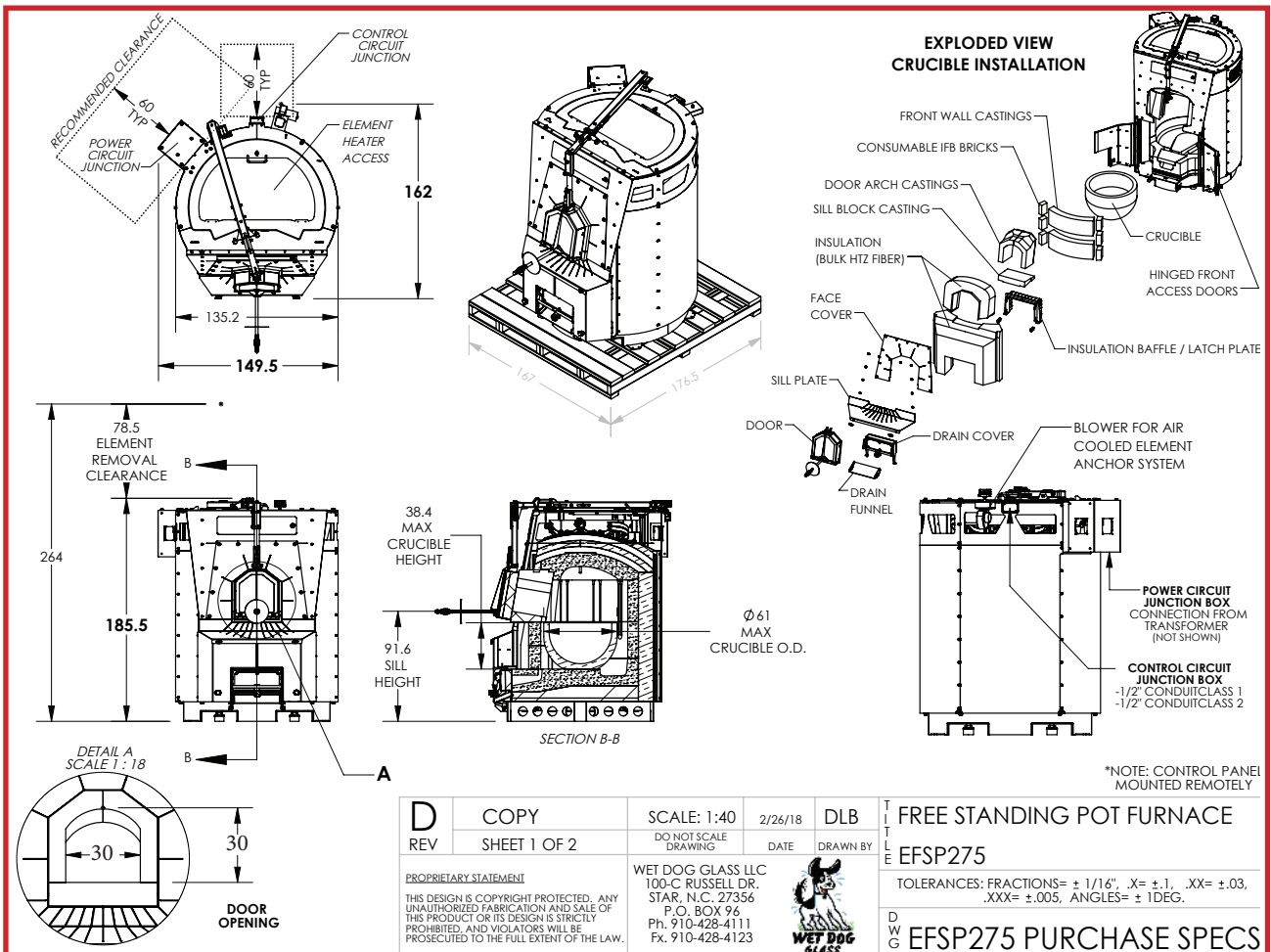
Usually we have furnaces in stock for approximately 4 weeks delivery time.

Send your inquiry to cerama@cerama.dk

Furnace construction



- 1) Heavy metall construction
- 2) Effective drainage system
- 3) High quality Mullite crucible from Emhart Glass (not included)
- 4) Working door 30 x 30 cm
- 5) Moly heating elements of very high quality - 9/18 mm
- 6) Super high grade insulation
- 7) Glass resistant Mullite casting
- 8) Air cooling of heating element connections
- 9) 2 pcs Heavy duty thermocouples type S
- 10) Easy adjustment of working door

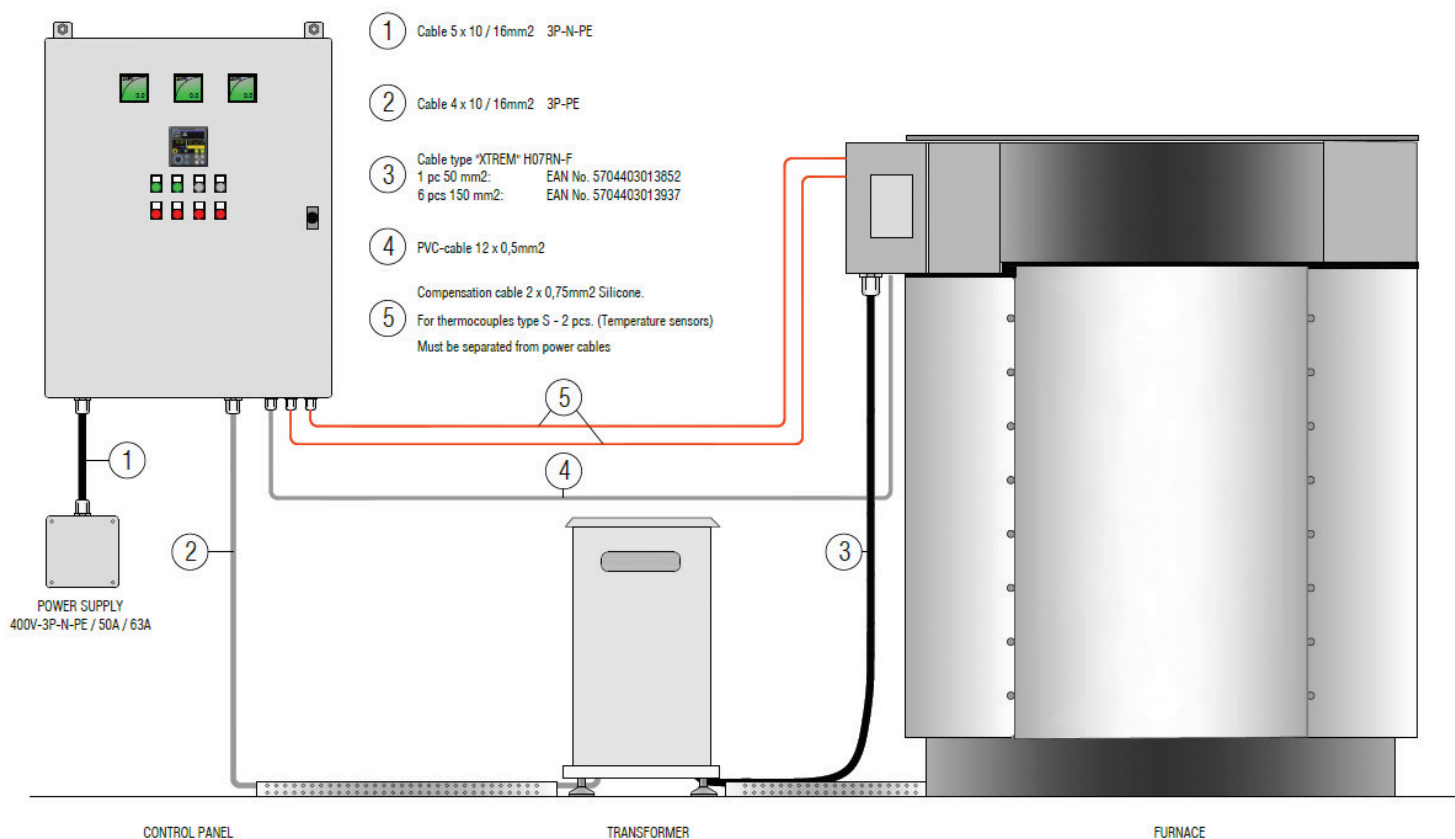


Control system made specially for WDG furnaces



Control systems are made in Denmark.
All components are standard components and come from reputable suppliers in Europe.
CE-marked, build according to EU standards.

- Bentrup TC-S2 temperature controller with interface specially made for melting furnaces.
- Separate thermocouple for over temperature protection.
- Eurotherm 3-phase thyristor controller.
- Schaffner 3-phase EMC-filter.
- Noratel 3-phase transformer.
- Amp-meters for displaying the load on each phase.



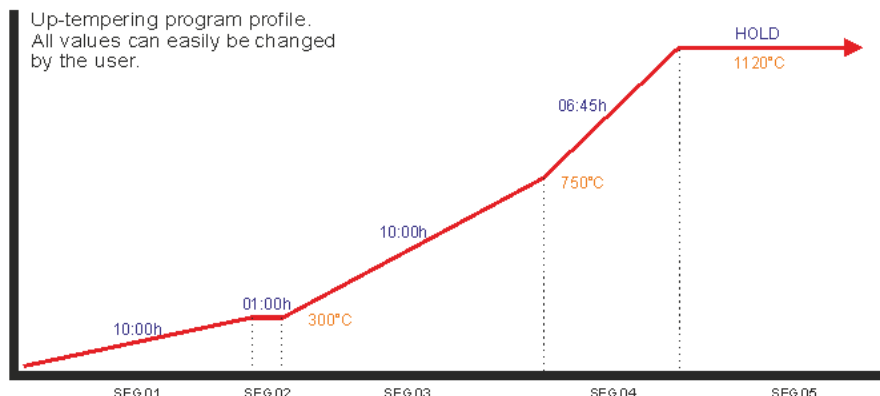
Easy programming with 4 pre-programmed profiles

Up-tempering - Melting/Working - Melting/Squeeze/Working - Down-tempering

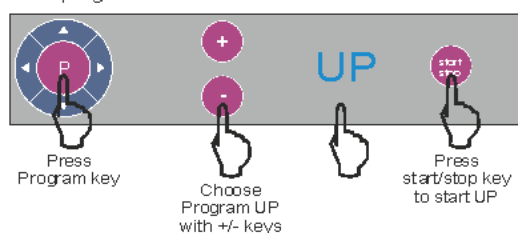
Up tempering:

Program UP - UP-TEMP

SEG	h:min	°C
00	SKIP	20
01	10:00	300
02	01:00	300
03	10:00	750
04	06:45	1120
05	HOLD	1120
06	END	



Start program UP - UP-TEMP



Up-tempering program is running until 1120°C (HOLD)



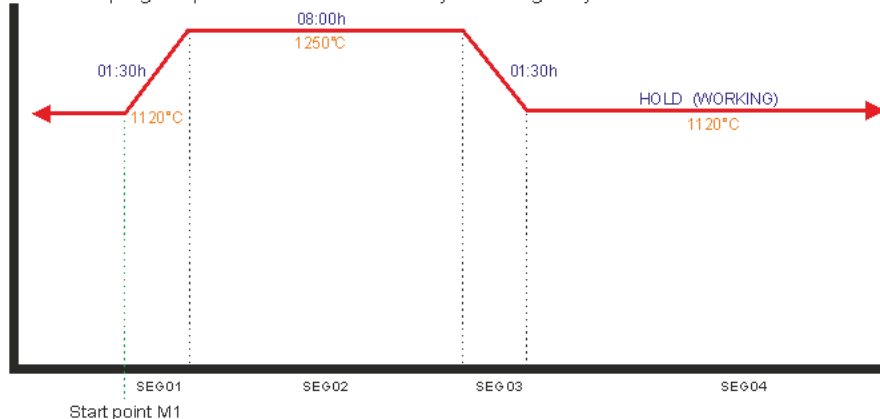
By HOLD, cursor got locked at temperature - Temp could be changed temporarily using + -

Daily working program:

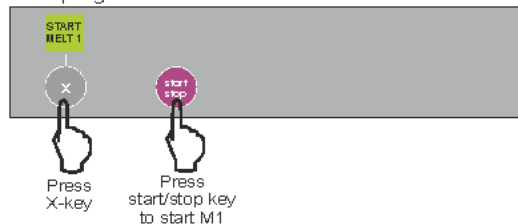
Program M1 - MELT-1 / WORK

SEG	h:min	°C
00	SKIP	20
01	01:30	1250
02	08:00	1250
03	01:30	1120
04	HOLD	1120
05	END	

MELT-1 program profile. All values can easily be changed by the user.



Start program M1 - MELT-1 / WORK



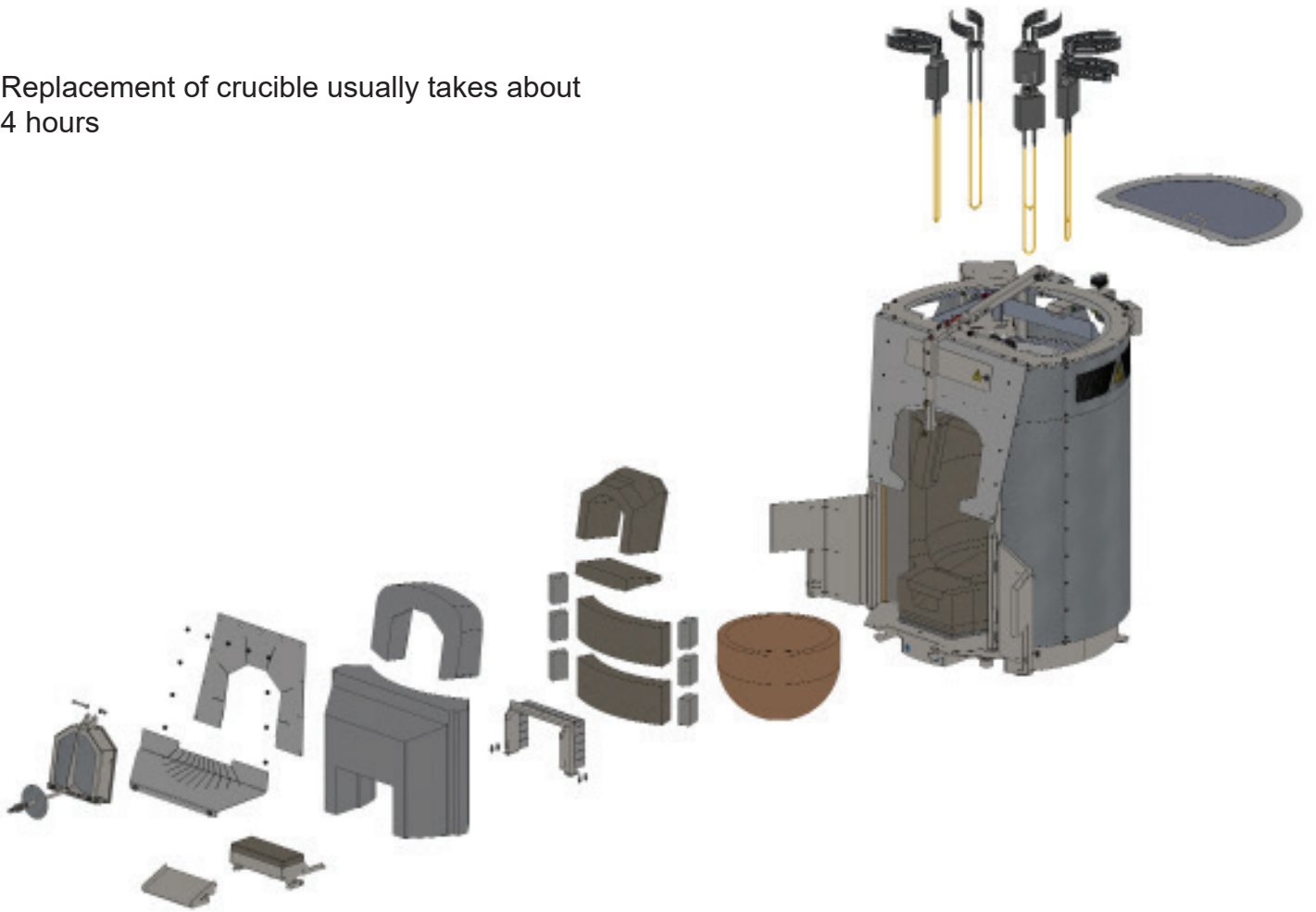
Melting program-1 is running until 1120°C (HOLD)



By HOLD, cursor got locked at temperature - Temp could be changed temporarily using + -

Crucible change

Replacement of crucible usually takes about 4 hours



Interior from Wet Dog Glass factory in North Carolina US



The best glass studio equipment money can buy

Since 1996, Wet Dog Glass, LLC has worked with clients to develop and produce the best glass studio equipment money can buy.

One of our highest priorities is to research and develop new systems that are more efficient in their energy consumption in an ongoing effort to merge our art making habits with sustainable studio environments.

Please visit our News and Spotlight Projects pages on our website for updates, WWW.WDG-US.COM !

To maintain the integrity our clients find in all of our products, we continue to evaluate and refine every aspect of our manufacturing approach.

It is a design process we find creative, exciting and rewarding. While we strive to develop standardized models and packages, we have always found it best to offer options.

On behalf of the entire crew at Wet Dog Glass, thank you for your support!

Eddie Bernard
Wet Dog Glass, LLC

Free Standing Pot Furnaces



Cerama High Temperature Products A/S in Denmark
represents Wet Dog Glass electric pot furnaces in Europe

Cerama High Temperature Products A/S . Hammerholmen 44 . DK-2650 Hvidovre .
Phone +45 36772222 . E-mail: cerama@cerama.dk

www.cerama.dk