



Cervap

Annular steam tubes oven - Fuel-oil / Gas

Performances

- Baking area : from 4.5 to 24 m²
- Useful height on each deck : 185 mm
- Number of decks : 3 or 4
- Doors of 600 or 750 mm
- Number of doors : 1 to 3 per deck

The advantages

- Very extensive oven range
- Exceptional energy yield
- Identical baking to traditional masonry ovens
- Delivered in sections for ease of installation
- Annular tubes guaranteed 10 years
- Refractory stainless steel fire chamber guaranteed 5 years
- Deferred start-up of the oven

Use

The **Cervap** is a deck oven designed to bake all types of breads, pastries and Danish products. Available in 1, 2 and 3 doors per deck, there is a CERVAP for each bakery, even the most cramped.

Operating principle

A watertight tube set containing water forms the exchanger and baking chambers of this oven. **The energy produced by the burner is used two times:** firstly to heat the fire chamber with the flame and secondly by heating the tubes with the combustion gases. **The tubes diffuse even heat in all points of the baking chamber** and give your oven exceptional flexibility and reactivity.

Construction

- **Front**
 - polished stainless steel
 - « F » door handle, 3 positions
 - removable glass doors
 - steam exhaust hood with exhaust fan
- **Baking chamber**
 - refractory concrete hearth plates 20 mm thick
 - halogen lighting
- **Heat exchanger**
 - 24 single loop annular tubes per linear meter
 - refractory stainless steel fire chamber
 - barometric damper
- **Steam generator**
 - independent, located inside of deck
 - 1 per deck
- **Insulation**
 - crossed rock wool panels
 - reflecting glass doors to reduce heat losses

According to CE standards

Annular steam tubes oven **Cervap**

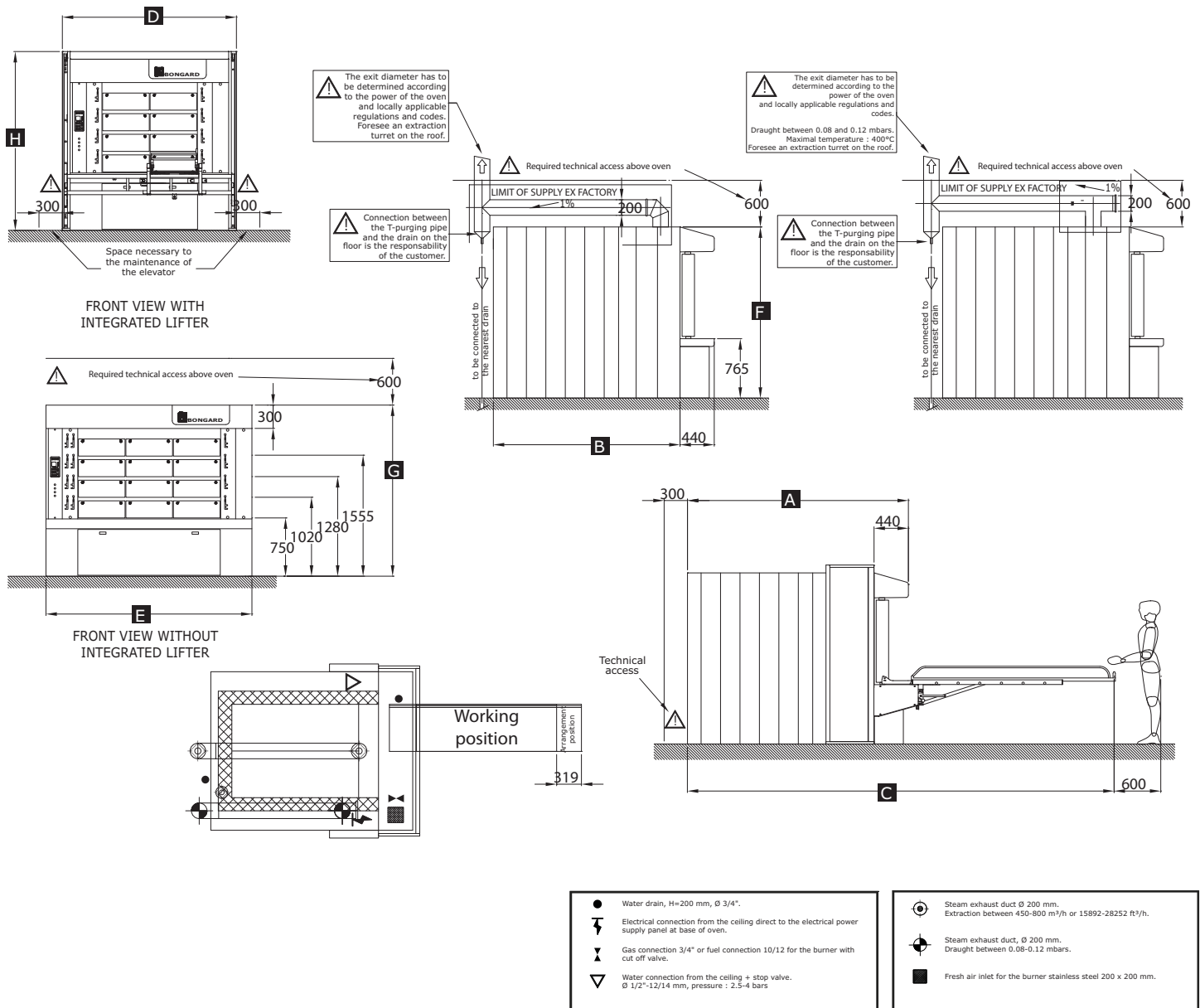
<i>Annular steam tubes ovens CERVAP</i>	<i>France</i>	<i>Export</i>
Burner		
Gas burner	■	■
Fuel-oil burner	□	□
"F" door handles		
1 door handle on the left	■	■
2 door handles - 1 on the left - 1 on the right	■	■
3 door handles - 2 on the left - 1 on the right	■	■
Controls		
Electromechanical control on the left	■	■
Opticom control on the left	□	□
Steam vent		
Without steam vent	■	□
Steam vent on upper deck	□€	❖
Steam vent on each deck	□€	■
Steam generator		
Reinforced steam generator	□€	■
Dual steam push button on each deck	□€	□€
Hood - Extractor		
Hood without extractor	□	□
Hood with exhaust fan	■	■
Hooks for loader - unloader		
Without	■	■
With	□€	□€
Additional options		
Screen for top heat (50% on upper deck)	□€	□€
Adaptation for integrated lifter	□	□
Baking time on each deck	□€	□€
Pulsed steam injection	■	■
Brass water solenoid valve	❖	□€
Water filter to prevent scale deposits	□€	□€
Fresh air inlet on burner	■	■
Pressure reducing valve kit	□€	□€
Electric power		
230 V single PH + N 50 / 60 Hz	■	■

■ Standard / □ Option / □ € Option against extra charge / ❖ Not available

<i>Technical features</i>			
<i>Reference</i>	<i>Models</i>	<i>Electric power (1kW=860.4 kcal/h 1kW=3415 BTU)</i>	<i>Heating power Fuel-oil or Gas (1kW=860.4 kcal/h 1kW=3415 BTU)</i>
Cervap - 2 doors 600 mm - 3 decks			
90000021	600/6.164	1,0 kW	47,7 kW
90000621	600/6.186	1,0 kW	52,0 kW
90000031	600/6.201	1,0 kW	54,0 kW
90000631	600/6.222	1,0 kW	64,0 kW
90000641	600/6.259	1,0 kW	70,9 kW
Cervap - 2 doors 600 mm - 4 decks			
90000041	600/8.164	1,0 kW	64,0 kW
90000821	600/8.186	1,0 kW	68,0 kW
90000051	600/8.201	1,0 kW	72,0 kW
90000831	600/8.222	1,0 kW	76,0 kW
90000841	600/8.259	1,0 kW	82,6 kW
Cervap - 3 doors 600 mm - 3 decks			
90000921	600/9.186	1,0 kW	77,9 kW
90000931	600/9.222	1,0 kW	82,6 kW
90000941	600/9.259	1,0 kW	95,4 kW
Cervap - 3 doors 600 mm - 4 decks			
90000081	600/12.164	1,0 kW	82,6 kW
90000221	600/12.186	1,0 kW	87,2 kW
90000091	600/12.201	1,0 kW	95,4 kW
90000231	600/12.222	1,0 kW	107 kW
90000241	600/12.259	1,0 kW	118,6 kW

<i>Technical features</i>			
<i>Reference</i>	<i>Models</i>	<i>Electric power (1kW=860.4 kcal/h 1kW=3415 BTU)</i>	<i>Heating power Fuel-oil or Gas (1kW=860.4 kcal/h 1kW=3415 BTU)</i>
Cervap - 1 door 750 mm - 4 decks			
90000451	750/4.149	1,0 kW	42,0 kW
90000461	750/4.186	1,0 kW	47,7 kW
90000471	750/4.222	1,0 kW	54,0 kW
90000481	750/4.259	1,0 kW	64,0 kW
Cervap - 2 doors 750 mm - 3 decks			
90000661	750/6.186	1,0 kW	70,9 kW
90000671	750/6.222	1,0 kW	77,9 kW
90000681	750/6.259	1,0 kW	82,6 kW
Cervap - 2 doors 750 mm - 4 decks			
90000861	750/8.186	1,0 kW	77,9 kW
90000871	750/8.222	1,0 kW	87,2 kW
90000881	750/8.259	1,0 kW	95,4 kW
Cervap - 3 doors 750 mm - 3 decks			
90000961	750/9.186	1,0 kW	82,6 kW
90000971	750/9.222	1,0 kW	95,4 kW
90000981	750/9.259	1,0 kW	107,0 kW
Cervap - 3 doors 750 mm - 4 decks			
90000261	750/12.186	1,0 kW	107,0 kW
90000271	750/12.222	1,0 kW	118,6 kW
90000281	750/12.259	1,0 kW	135,0 kW

Annular steam tubes ovens fixes à tubes vapeur - Cervap voie de 600

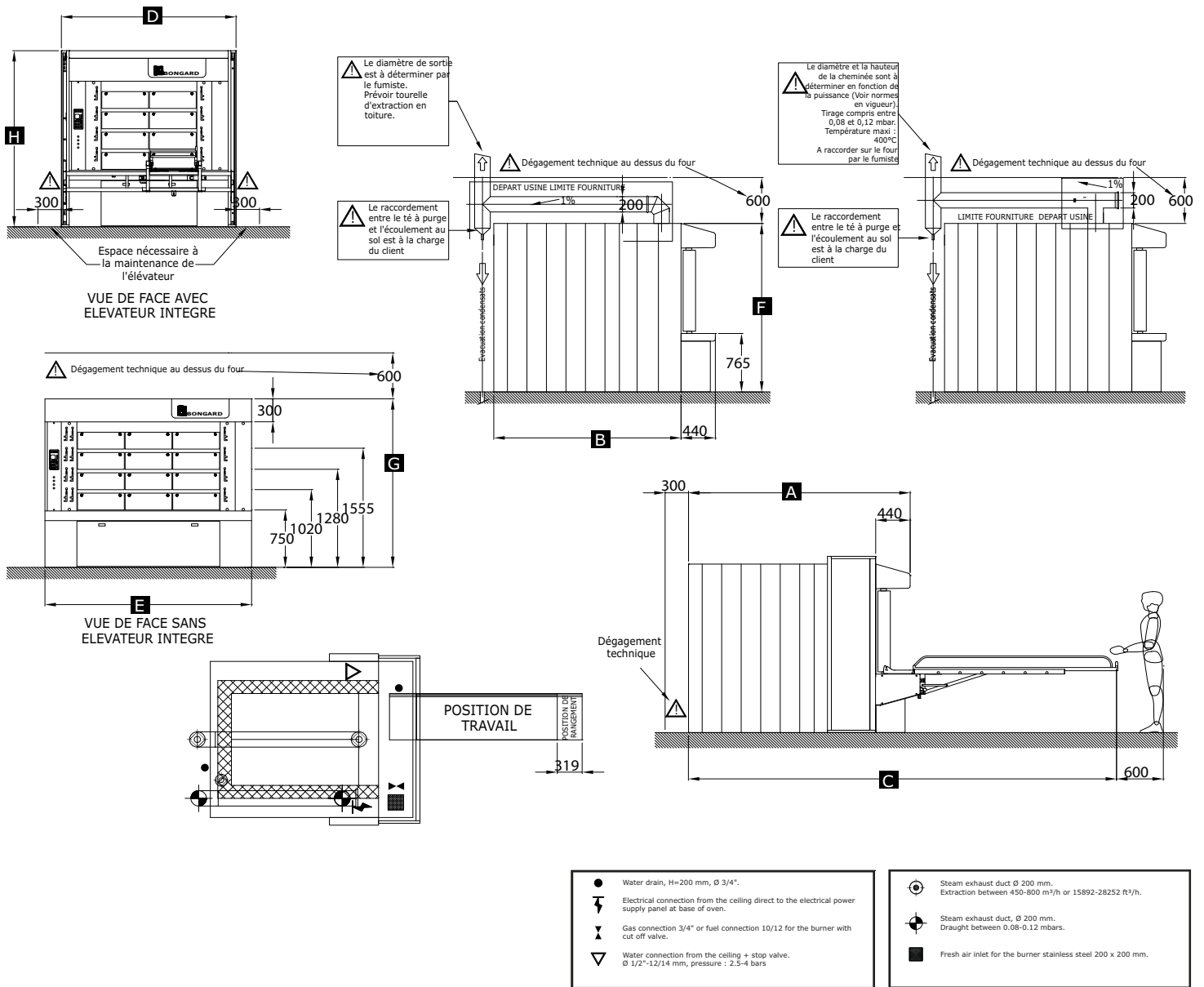


●	Water drain, H=200 mm, Ø 3/4".	⊙	Steam exhaust duct Ø 200 mm. Extraction between 450-800 m ³ /h or 15892-28252 ft ³ /h.
⚡	Electrical connection from the ceiling direct to the electrical power supply panel at base of oven.	⊙	Steam exhaust duct, Ø 200 mm. Draught between 0.08-0.12 mbars.
⚙	Gas connection 3/4" or fuel connection 10/12 for the burner with cut off valve.	■	Fresh air inlet for the burner stainless steel 200 x 200 mm.
▽	Water connection from the ceiling + stop valve. Ø 1/2"-12/14 mm, pressure : 2.5-4 bars		

Technical features

Reference	Models	A	B	C	D	E	F	G	H	Baking area (1m ² = 10.764 ft ²)	Floor Area (1m ² = 10.764 ft ²)	Total weight (1kg= 2.2046 Lbs)
Cervap - 2 doors 600 mm - 3 decks												
9000021	600/6.164	2600 mm	2160 mm	4577 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	6,0 m ²	5,3 m ²	2800 kg
90000621	600/6.186	2840 mm	2400 mm	5076 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	6,8 m ²	5,8 m ²	3150 kg
90000031	600/6.201	2980 mm	2540 mm	5216 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	7,3 m ²	6,1 m ²	3400 kg
90000631	600/6.222	3220 mm	2780 mm	5826 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	8,2 m ²	6,6 m ²	3600 kg
90000641	600/6.259	3600 mm	3160 mm	5826 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	9,6 m ²	7,3 m ²	4000 kg
Cervap - 2 doors 600 mm - 4 decks												
90000041	600/8.164	2600 mm	2160 mm	4577 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	7,9 m ²	5,3 m ²	3750 kg
90000821	600/8.186	2840 mm	2400 mm	5076 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	9,0 m ²	5,8 m ²	4000 kg
90000051	600/8.201	2980 mm	2540 mm	5216 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	9,8 m ²	6,1 m ²	4300 kg
90000831	600/8.222	3220 mm	2780 mm	5826 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	10,9 m ²	6,6 m ²	4500 kg
90000841	600/8.259	3600 mm	3160 mm	5826 mm	2240 mm	2040 mm	2230 mm	2200 mm	2301 mm	12,7 m ²	7,3 m ²	5000 kg
Cervap - 3 doors 600 mm - 3 decks												
90000921	600/9.186	2840 mm	2400 mm	5076 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	10,2 m ²	7,5 m ²	4500 kg
90000931	600/9.222	3220 mm	2780 mm	5826 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	12,3 m ²	8,5 m ²	5000 kg
90000941	600/9.259	3600 mm	3160 mm	5826 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	14,3 m ²	9,5 m ²	5500 kg
Cervap - 3 doors 600 mm - 4 decks												
90000081	600/12.164	2600 mm	2160 mm	4577 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	11,9 m ²	6,9 m ²	5700 kg
90000221	600/12.186	2840 mm	2400 mm	5076 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	13,6 m ²	7,5 m ²	6000 kg
90000091	600/12.201	2980 mm	2540 mm	5216 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	14,7 m ²	7,9 m ²	6400 kg
90000231	600/12.222	3220 mm	2780 mm	5826 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	16,3 m ²	8,5 m ²	6700 kg
90000241	600/12.259	3600 mm	3160 mm	5826 mm	2850 mm	2650 mm	2230 mm	2200 mm	2301 mm	19,1 m ²	9,5 m ²	7500 kg

Annular steam tubes ovens fixed to steam tubes - Cervap voie de 750



- Water drain, H=200 mm, Ø 3/4".
- ⚡ Electrical connection from the ceiling direct to the electrical power supply panel at base of oven.
- ⚡ Gas connection 3/4" or fuel connection 10/12 for the burner with cut off valve.
- ▽ Water connection from the ceiling + stop valve. Ø 1/2"-12/14 mm, pressure : 2.5-4 bars.
- ⊙ Steam exhaust duct Ø 200 mm. Extraction between 450-800 m³/h or 15892-28252 ft³/h.
- ⊙ Steam exhaust duct, Ø 200 mm. Draught between 0.08-0.12 mbars.
- Fresh air inlet for the burner stainless steel 200 x 200 mm.

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Cervap - 1 door 750 mm - 4 decks												
90000451	750/4.149	2460 mm	2020 mm	4437 mm	1760 mm	1560 mm	2230 mm	2200 mm	2301 mm	4,5 m ²	3,5 m ²	2600 kg
90000461	750/4.186	2840 mm	2400 mm	5076 mm	1760 mm	1560 mm	2230 mm	2200 mm	2301 mm	5,6 m ²	4,4 m ²	3000 kg
90000471	750/4.222	3220 mm	2780 mm	5826 mm	1760 mm	1560 mm	2230 mm	2200 mm	2301 mm	6,7 m ²	5,0 m ²	3700 kg
90000481	750/4.259	3600 mm	3160 mm	5826 mm	1760 mm	1560 mm	2230 mm	2200 mm	2301 mm	7,8 m ²	5,6 m ²	4250 kg
Cervap - 2 doors 750 mm - 3 decks												
90000661	750/6.186	2840 mm	2400 mm	5076 mm	2520 mm	2320 mm	2230 mm	2200 mm	2301 mm	8,4 m ²	6,6 m ²	4100 kg
90000671	750/6.222	3220 mm	2780 mm	5826 mm	2520 mm	2320 mm	2230 mm	2200 mm	2301 mm	10,1 m ²	7,5 m ²	4700 kg
90000681	750/6.259	3600 mm	3160 mm	5826 mm	2520 mm	2320 mm	2230 mm	2200 mm	2301 mm	11,8 m ²	8,4 m ²	5200 kg
Cervap - 2 doors 750 mm - 4 decks												
90000861	750/8.186	2840 mm	2400 mm	5076 mm	2520 mm	2320 mm	2230 mm	2200 mm	2301 mm	11,1 m ²	6,6 m ²	4000 kg
90000871	750/8.222	3220 mm	2780 mm	5826 mm	2520 mm	2320 mm	2230 mm	2200 mm	2301 mm	13,4 m ²	7,5 m ²	5000 kg
90000881	750/8.259	3600 mm	3160 mm	5826 mm	2520 mm	2320 mm	2230 mm	2200 mm	2301 mm	15,7 m ²	8,4 m ²	6000 kg
Cervap - 3 doors 750 mm - 3 decks												
90000961	750/9.186	2840 mm	2400 mm	5076 mm	3280 mm	3080 mm	2230 mm	2200 mm	2301 mm	12,5 m ²	8,7 m ²	5100 kg
90000971	750/9.222	3220 mm	2780 mm	5826 mm	3280 mm	3080 mm	2230 mm	2200 mm	2301 mm	15,1 m ²	9,9 m ²	5850 kg
90000981	750/9.259	3600 mm	3160 mm	5826 mm	3280 mm	3080 mm	2230 mm	2200 mm	2301 mm	17,6 m ²	11,1 m ²	6600 kg
Cervap - 3 doors 750 mm - 4 decks												
90000261	750/12.186	2840 mm	2400 mm	5076 mm	3280 mm	3080 mm	2230 mm	2200 mm	2301 mm	16,7 m ²	8,7 m ²	6700 kg
90000271	750/12.222	3220 mm	2780 mm	5826 mm	3280 mm	3080 mm	2230 mm	2200 mm	2301 mm	20,1 m ²	9,9 m ²	7300 kg
90000281	750/12.259	3600 mm	3160 mm	5826 mm	3280 mm	3080 mm	2230 mm	2200 mm	2301 mm	23,5 m ²	11,1 m ²	8000 kg