



ProfitLine (PFR)

The industrial system for smoking fish

Advantages

Wide variety of flavours and colours:

All external and various internal smoke generation systems, such as smouldering smoke or friction smoke, are available for smoking fish.

Efficiency:

Due to two fans an extensive air circulation guarantees constant product quality with minimum weight loss upon drying and smoking despite maximum trolley loading.

Designed for industry:

- Wide door opening clearance
- The central air conditioning system incorporates all required equipment such as heat exchanger, central circulation fans, fresh air and smoke supplies and a mixing chamber for air conditioning.

Minimum energy consumption:

Individual air circulation and optimal use of fresh air energy during drying enormously reduce your process times and thus the energy requirements. The system as well as the air handling unit are fully insulated.

Characteristics

Use:

The systems are universal allrounders thanks to their horizontal and vertical air circulation, whether fish is placed horizontally on mesh shelves or suspended on spits.

Possible processes:

- Drying
- Hot and cold smoking

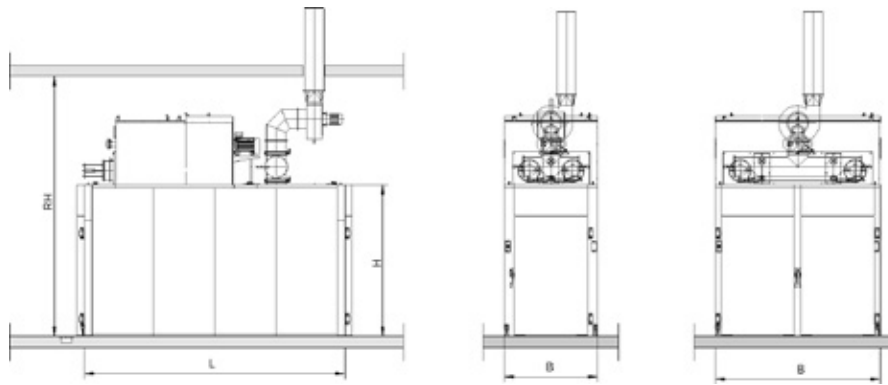
Air systems:

- Two variable-speed fans within the program step (no loss through alternating dampers)
- The air is optimally adjustable to the corresponding product
- A very high uniformity is provided by the enormous air circulation speed
- Even with trolleys > 2 m height
- Fully insulated central air handling unit (very high air speed air in contact with the products)

Hygiene:

- Segment construction, completely weldable
- Automatic interior cleaning

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	PFR type	Number of trolleys	Door opening clearance (cm)		Cabinet dimensions (incl. extension) (cm)			Minimum room height (cm)	Electric kW [⊖]	Heating Steam kW [⊖]	Heating Electric kW [⊖]	Heating Oil; Gas kW [⊖]	Cooling system Cold smoke from-to kg/h [⊖]	Low pressure steam/ Water Cooking l/min [⊖]	Water Shower kg
			width	height	height[H]	width[B]	length[L] [⊖]								
Tandem	1043	4	120	210	275	170	473	400	23	140	120	160	20-40	187	50
	1053	5	120	210	275	170	584	450	31	174	150	200	25-50	234	60
	1063	6	120	210	275	170	695	450	38	209	180	240	30-60	281	70
	1073	7	120	210	275	170	806	480	38	244	210	280	35-70	327	80
	1083	8	120	210	275	170	917	480	45	279	240	320	40-80	374	90
Parallel	2063	6	(2x) 120	210	275	300	362	450	38	209	180	240	30-60	281	70
	2083	8	(2x) 120	210	275	300	473	480	45	279	240	320	40-80	374	90
	2103	10	(2x) 120	210	275	300	584	500	61	349	300	400	50-100	468	110
	2123	12	(2x) 120	210	275	300	695	500	75	419	360	480	60-120	561	130
		also to be considered		wedge (2x for tunnel)			plus 15								
				without tunnel			minus 8,5								
				overhead rail	on request			on request							
				lifting doors				min. 500							
				aggregate at rear/ at side				possible/[RH] reduced to 350-400							

⊖ with tunnel

⊖ approximately connected loads

* aggregate on top

Features	Description	Standard	Options	Further flyers
Operation	external operating controls	x		Control and documentation systems
Standard heating (optional)	electric (160°C)	x		
	low pressure (80°C)	x		
	high pressure (120°C)	x		
Smoke	gas (160°C)	x		
	external smoke generator		x	External smoke generators
	internal smoke generator		x	Internal smoke generators
	RONDAIR exhaust reduction system		x	
Cleaning	exhaust air cleaning		x	Environment and energy efficiency systems
	interior cleaning	x		
Exhaust air system	cleaning equipment		x	Cleaning systems
	exhaust air fans	x		
Cold smoke	cooling system		x	
Horizontal air flow	horizontal air circulation system		up to 1063 / 2083	
Floor	double-walled, without slope	x		
	slope in the system		x	
	reinforced		x	
	recessed		x	
Doors	anti-slide profile		x	
	lifting door hinge	x		
Tunnel design	additional doors on the unloading side		x	
	interlocking		x	
Lifting doors	instead of swing doors		x	
Drainage	pneumatic post outlet	x		
	automatic door opening		x	
Transport systems	floor transport (automatic)		x	Semi-continuous batch systems
	overhead rail (automatic)		x	Semi-continuous batch systems
	overhead rail with max. 1t/cart place (man.)		x	