

SIAL[®]

Expert in air treatment

 TO HEAT
 TO DRY

 TO DEHUMIDIFY
 TO STERILIZE

 TO COOL
 TO VENTILATE





The SIAL brand originated in Italy and was founded in 1981. So far, SIAL has nearly 40 years of experience in industrial heating, dehumidification and refrigeration equipment manufacturing and technology. With a leading international technology research and development team, SIAL is committed to providing the most global users. Excellent air handling solution to create a solid brand that consumers trust.



OFFICE BUILDING

DIRECT OIL HEATERS



Y70 A



Y85



Y115

- ▶ Fuel tank with level indicator
- ▶ Shell design and maintenance window
- ▶ Use imported fuel pumps and nozzles
- ▶ External hose function of outlet
- ▶ Time delay purification and cooling function
- ▶ Electronic and photoelectric flame induction controller
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ Built-in dual protection: over-oil protection, motor overheat protection
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Enlarged shell design, cover with good ventilation and heat insulation



SPECIFICATIONS		Y70 A	Y85	Y115
Heating power	kW	70	85	115
	Btu/h	238900	290100	393000
	kcal/h	60200	73100	98900
Voltage	V	220-240	220-240	220-240
Frequency	Hz	50	50	50
Motor power	W	460	750	750
Air displacement	m³/h	2800	4500	4800
Fuel tank volume	L	51	100	100
Fuel consumption	l/h	6.84	8.29	11.2
Pressure	bar	10	10	10
G.W./N.W.	kg	66.1/47.7	98.8/79	103/85
Box size	mm	1435*510*825	1610*640*980	1710*640*980
Container loading 20/40		28/64	22/50	18/40

Optional accessories



Temperature detection sensor(3/5m)

BY20, BY30, BY50, BY70, Y30, Y50, Y70
IY37, IY50, IY85, Y70 A, Y85, Y115

SIAL® Brand History

The company was founded in Italy and is headquartered in Turin, Italy on 1981. With advanced product technology and excellent product quality, the SIAL brand has developed steadily and expanded, with subsidiaries or distributors in more than 40 countries around the world. SIAL's advanced European industrial technology and first-class product quality combined with a professional sales team and, after-sales service system, to provide customers with the best heating and dehumidification solutions. SIAL has been continuously innovating over the years and has become a first-line supplier of industrial agricultural and animal husbandry heating equipment in the international market.

At the same time, SIAL has also been recognized as the most reliable industrial farmer; So far, SIAL has nearly 40 years of thermal dehumidification equipment manufacturing experience and technology precipitation. The technical support will be launched in the year with higher intelligence, energy saving and high efficiency, low environmental protection and low resistance.

2019 SIAL's new generation of heating and dehumidification products, its advanced product design concept is more reasonable, product practical functions, artistic product appearance will lead the industry development trend.

Brand is good at quality Loyal to service, we are committed to providing SIAL, the best heating dehumidification solution for users all over the world.



















Sial company also pay more attention to energy conservation and environment protection. We use the solar energy as the main power supply.



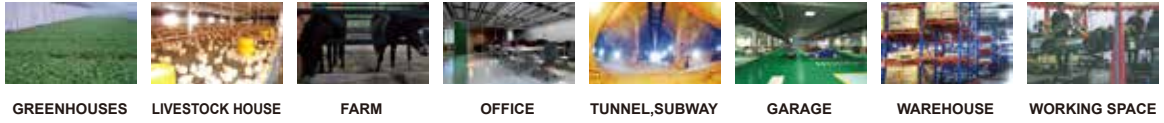
INDEX

		POWER		PAGE
	ACCESSORIES		The guide to SIAL heaters accessories.	08
	INDIRECT OIL HEATERS	130-220KW	Ideal for warehouse, farm, greenhouse, construction, livestock house, heating equipment	09
	BLUE FLAME DIRECT FUEL HEATERS	20-75KW	Ideal for warehouse, greenhouse, farm, construction, heating equipment	10-11
	ELECTRIC FAN HEATERS	2-50KW	Ideal for warehouse, garage, office, greenhouse, livestock house, farm, construction, heating equipment	12-15
	PTC HEATERS	2-5KW	Ideal for warehouse, garage, office, greenhouse, livestock house, farm, construction, heating equipment	16
	WALL MOUNTED ELECTRIC HEATER	3-22KW	Ideal for warehouse, garage, office, greenhouse, livestock house, construction, heating equipment	17-18
	SUSPENDED GAS HEATERS	75-97KW	Ideal for farm, greenhouse, construction, livestock house	19-20
	DIRECT GAS HEATERS	15-50KW	Ideal for farm, greenhouse, construction, livestock house, heating equipment	21-22
	DIRECT OIL HEATERS	20-120KW	Ideal for garage, farm, greenhouse, construction	23-26
	INDIRECT OIL HEATERS	20-85KW	Ideal for warehouse, garage, greenhouse, livestock house, farm, construction, heating equipment, emergency events	27-28
	RADIATION OIL HEATER	15-40KW	Ideal for warehouse, timber Mill, construction, greenhouse, livestock house, heating equipment	29-30
	CARPET DRYER	85-300KW	Ideal for warehouse, timber Mill, construction, greenhouse, garage	31











HEATING APPLICATIONS

								
	GREENHOUSES	LIVESTOCK HOUSE	FARM	OFFICE	TUNNEL,SUBWAY	GARAGE	WAREHOUSE	WORKING SPACE
	●	●	●		●	●	●	●
	●		●		●	●		●
	●		●		●	●		●
	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●
				●	●	●	●	●
				●	●	●	●	●
	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●

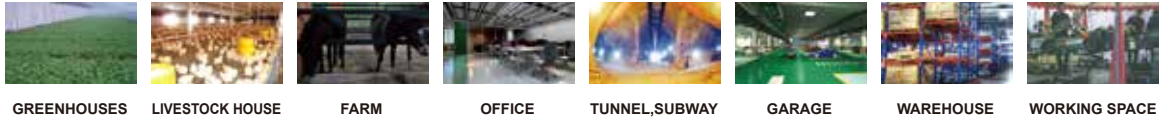
HEATING APPLICATIONS









GREENHOUSES LIVESTOCK HOUSE FARM OFFICE TUNNEL,SUBWAY GARAGE WAREHOUSE WORKING SPACE

	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●
	●	●	●			●		●
	●	●	●			●		●
	●	●	●	●	●	●		●
	●	●	●	●	●	●		●
	●				●	●		
	●				●	●		
	●				●	●		
	●				●	●		

HEATING APPLICATIONS



GREENHOUSES LIVESTOCK HOUSE FARM OFFICE TUNNEL,SUBWAY GARAGE WAREHOUSE WORKING SPACE

	●				●	●		
	●	●	●		●	●	●	●
	●	●	●		●	●	●	●
		●	●	●	●	●	●	●
		●	●	●	●	●	●	●
				●	●	●	●	●

ACCESSORIES

Photo	Accessories	Specification	Suit for
	4-way air outlet		IY130, IY220
	1-way air outlet		IY130, IY220
	Mechanical external thermostat		IY130, IY220
	Air dust filter		BY20, BY30, BY50, BY70, Y30, Y50, Y70
	Flex tubes		IY20, IY37, IY55, IY85, IY130, IY220
	Temperature detection sensor	3/5 meter	BY20, BY30, BY50, BY70, Y30, Y50, Y70 IY37, IY50, IY85, Y70 A, Y85, Y115
	Exhaust elbow 90°		IY20, IY37, IY55, IY85, IY130, IY220
	Exhaust-pipe	1 meter	IY20, IY37, IY55, IY85, IY130, IY220
	Chimney pot		IY20, IY37, IY55, IY85, IY130, IY220
	Extension cord	5/10 meter	IY130, IY220
	Aluminum flex tube		IY20, IY37, IY55, IY85, IY130, IY220
	Fuel pipe	4 meter	IY130, IY220

INDIRECT FUEL HEATERS



IY130

Available
1-way outlet
4-way outlet



IY220

Available
1-way outlet
4-way outlet



- ▶ High pressure centrifugal fan
- ▶ Flame induction controller
- ▶ Built-in overheat protection
- ▶ Independent burners
- ▶ Flue gas exhaust
- ▶ Filtration of fuel suction, fuel nozzle
- ▶ Stainless steel combustion chamber
- ▶ Switch for ventilation or heating
- ▶ Time delay purification and cooling function
- ▶ High efficiency heat exchanger
- ▶ Possible connection to 4, 1 flexible tube
- ▶ External temperature controller and timing controller connector
- ▶ Fuel pre-heating, normal work at low temperature
- ▶ Combustion chamber with external oxygen supply connector



SPECIFICATIONS		IY130	IY220
Heating power	kW	134	220
	Btu/h	457300	750900
	kcal/h	115200	189200
Voltage	V	380-400	380-400V 50Hz
Frequency	Hz	50	50
Fuel tank volume	L	51	51
Air displacement	m³/h	8500	14000
Motor power	W	2580	4400
Fuel consumption	l/h	13.4	22
Pressure	bar	10	10
G.W./N.W.	kg	400/370	530/500
Box size	mm	2090*810*1500	2600*870*1900
Container loading 20/40		7/14	4/8

Optional accessories

- | | | | |
|--|--------------------------------|--|--|
| Exhaust pipe (1m)
IY20, IY37, IY55,
IY85, IY130, IY220 | 4-way outlet
IY130, IY220 | Aluminum foil flex tube
IY20, IY37, IY55,
IY85, IY130, IY220 | Extension cord(5/10m)
IY130, IY220 |
| Flex tubes
IY20, IY37, IY55,
IY85, IY130, IY220 | Fuel line (4m)
IY130, IY220 | Exhaust elbow 90°
IY20, IY37, IY55,
IY85, IY130, IY220 | Chimney pot
IY20, IY37, IY55,
IY85, IY130, IY220 |
| | | | Mechanical external thermostat(5/10m)
IY130, IY220 |

ELECTRIC FAN HEATERS



- ▶ Streamlined appearance
- ▶ Motor thermal protection
- ▶ Waterproof and dustproof IP24
- ▶ Stable steel frame
- ▶ Heat-resistant,flameresistant material
- ▶ Stainless steel heating element
- ▶ Adjustable air outlet angle
- ▶ No oxygen consumption
- ▶ No fumes,no odours,no humidity
- ▶ Adjustable and stable support
- ▶ Portable control box with handle
- ▶ Low noise,automatic reset protector
- ▶ Optional ventilation or heating function
- ▶ Built-in bimetal thermostat adjustable($\pm 3^{\circ}\text{C}$)



SPECIFICATIONS		D3	D5	D9
Heating power	kW	3	5	9
	Btu/h	11260	17000	30700
	kcal/h	2860	4300	7740
Power supply	V	220-240	380-415	380-415
Frequency	Hz	50	50	50
Air displacement	m ³ /h	288	309	474
Power setting	W	30/3000	30/2500/5000	52/4500/9000
G.W./N.W.	kg	5.1/4.7	8.1/7.1	12/11
Box size	mm	292*260*333	340*335*410	420*400*465
Container loading		20/40/40HQ	1186/2387/2770	596/1197/1397
				350/725/858

ELECTRIC FAN HEATERS



D15



D30

- ▶ Streamlined appearance
- ▶ Waterproof and dustproof IP24
- ▶ Strong power
- ▶ Stable steel frame
- ▶ No oxygen consumption
- ▶ Stainless steel heating element
- ▶ Motor with thermal protection
- ▶ Adjustable air outlet angle
- ▶ No fumes, no odours, no humidity
- ▶ Adjustable and stable support
- ▶ Low noise, automatic reset protector
- ▶ With wheels for easy transport
- ▶ Optional ventilation or heating function
- ▶ Built-in bimetal thermostat adjustable($\pm 3^{\circ}\text{C}$)



SPECIFICATIONS		D15	D30
Heating power	kW	15	30
	Btu/h	51200	102400
	kcal/h	12900	25800
Power supply	V	380-415	380-415
Frequency	Hz	50	50
Air displacement	m ³ /h	934	2373
Power setting	W	95/7500/15000	170/15000/30000
G.W./N.W.	kg	20.8/18.8	31.8/29.5
Box size	mm	550*400*456	681*494*595
Container loading 20/40/40HQ		296/603/705	139/286/340

ELECTRIC FAN HEATERS



D3 B

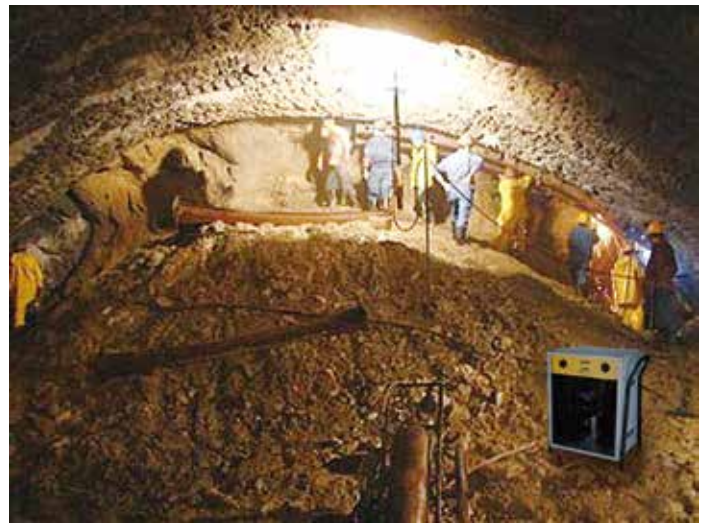


D15 B



D22 B

- ▶ Low noise
- ▶ Waterproof and dustproof IP24
- ▶ Strong power
- ▶ Motor with thermal protection
- ▶ Automatic reset protector
- ▶ Adjustable heating power
- ▶ Stainless steel heating element
- ▶ Built-in double probe thermostats
- ▶ No oxygen consumption
- ▶ No fumes, no odours, no humidity
- ▶ With handle, easy to move
- ▶ Optional ventilation or heating function



SPECIFICATIONS		D3 B	D5 B	D9 B	D15 B	D22 B
Heating power	kW	3.3	5	9	15	22
	Btu/h	11260	17000	30700	51200	68300
	kcal/h	2860	4300	7740	12900	17200
Voltage	V	220-240	380-415	380-415	380-415	380-415
Frequency	Hz	50	50	50	50	50
Air displacement	m³/h	288	495	670	1250	2200
Power setting	W	40/1650/3300	55/2500/5000/5000	55/4500/9000	95/4000/8000/15000	200/11000/22000
Pcs/CTN	pcs	1	1	1	1	1
G.W./N.W.	kg	6/5.3	7.2/6.1	10.2/9	16/14.5	26.3/24.2
Box size	mm	300*300*440	300*300*450	385*355*510	420*385*563	620*415*665
Container loading 20/40/40HQ		703/1436/1629	702/1417/1605	429/862/990	324/669/748	165/341/395

ELECTRIC FAN HEATERS

D3 A



D9 A



D15 A



- ▶ Low noise
- ▶ Waterproof and dustproof IP24
- ▶ Strong power
- ▶ Motor with thermal protection
- ▶ Automatic reset protector
- ▶ Adjustable heating power
- ▶ Stainless steel heating element
- ▶ Built-in thermostats
- ▶ No oxygen consumption
- ▶ No fumes, no odours, no humidity
- ▶ With handle, easy to move
- ▶ Optional air outlet pipe
- ▶ Optional ventilation or heating function



SPECIFICATIONS		D3 A	D9 A	D15 A
Heating power	kW	3.3	9	15
	Btu/h	11260	30700	51200
	kcal/h	2860	7740	12900
Voltage	V	220-240	380-415	380-440
Frequency	Hz	50	50	50
Air displacement	m³/h	389	1227	1609
Power setting	W	40/3300	60/4500/9000	170/7500/15000
Pcs/CTN	pcs	1	1	1
G.W./N.W.	kg	8.1/7.2	13.5/12.3	29.5/27
Box size	mm	385*285*359	509*336*408	713*476*534
Container loading 20/40/40HQ		588/1218/1414	400/826/940	144/288/348

PTC ELECTRIC HEATERS



- ▶ Instant heating
- ▶ PTC heating element
- ▶ Streamlined appearance
- ▶ Heat-resistant,flameresistant material
- ▶ No oxygen consumption
- ▶ Motor with thermal protection
- ▶ No fumes,no odours,no humidity
- ▶ Overheat thermostat
- ▶ Adjustable and stable support
- ▶ Adjustable air outlet angle
- ▶ Portable control box with handle
- ▶ Built-in bimetal thermostat
- ▶ Adjustable heat
- ▶ Optional ventilation or heating function



SPECIFICATIONS		P2	P3	P5
Heating power	kW	2	3	5
	Btu/h	6800	11260	17000
	kcal/h	1720	2860	4300
Voltage	V	200-240	200-240	220-240
Frequency	Hz	50	50	50
Air displacement	m³/h	120	258	285
Motor power	W	30	25	38
N.W.	kg	2.3	2.8	5.1
Box size	mm	285*175*291	306*192*327	360*285*390

DIRECT GAS FIRED HEATERS



Q15



Q33



Q50

- ▶ Motor with thermal protection
- ▶ Stable and long lasting structure
- ▶ Easy ignition
- ▶ Adjustable heat
- ▶ Overheat thermostat
- ▶ Easy maintenance
- ▶ Electrovalve
- ▶ Safety gas valve with thermocouple
- ▶ Stainless cover available



SPECIFICATIONS		Q15	Q33	Q50
Heating power	kW	15	33	50
	Btu/h	51200	112600	170600
	kcal/h	12900	28400	43000
Voltage	V	220-240	220-240	220-240
Frequency	Hz	50	50	50
Air displacement	m ³ /h	300	1000	1500
Gas consumption	kg/h	1.09	2.4	3.63
Motor power	W	25	65	105
G.W./N.W.	kg	5.8/5.2	7.6/6.8	11.2/10
Box size	mm	515x230x340	622x278x357	666x335x485

DIRECT GAS FIRED HEATERS



Q15 E



Q33 E



Q50 E

- ▶ Motor with thermal protection
- ▶ Stable and long lasting structure
- ▶ Electronic ignition
- ▶ Adjustable heat
- ▶ Overheat thermostat
- ▶ Easy maintenance
- ▶ Double electrovalve
- ▶ Flame detection by ion probe
- ▶ Stainless cover available
- ▶ Double screen display, visible and accurate temperature display



SPECIFICATIONS		Q15 E	Q33 E	Q50 E
Heating power	kW	15	33	50
	Btu/h	51200	112600	170600
	kcal/h	12900	28400	43000
Voltage	V	220-240	220-240	220-240
Frequency	Hz	50	50	50
Air displacement	m³/h	300	1000	1500
Gas consumption	kg/h	1.09	2.4	3.63
Motor power	W	25	65	105
G.W./N.W.	kg	5.8/5.2	7.6/6.8	11.2/10
Box size	mm	515x230x340	622x278x357	666x335x485

DIRECT GAS FIRED HEATERS



GQ75

- ▶ LED display
- ▶ Stable and long lasting structure
- ▶ High efficiency heat exchanger
- ▶ Automatic pulse ignition
- ▶ Time delay cooling system
- ▶ Ventilation or heating mode available
- ▶ Overheat thermostat
- ▶ Hanging or wall installation
- ▶ Natural gas or LP gas burner, adjustable heat
- ▶ Can be connected to the external temperature controller
- ▶ Flame detection by ion probe
- ▶ Automatic stop when no wind



SPECIFICATIONS	GQ75	
Heating power	kW	75
	Btu/h	255900
	kcal/h	64500
Voltage	V	220-240
Frequency	Hz	50
Available gas		1. Natural gas 2. LPG
Gas consumption	kg/h	6 5.45
Air displacement	m³/h	2100 2100
G.W./N.W.	kg	60/56
Box size	mm	825x520x760

DIRECT GAS FIRED HEATERS



GQ97

- ▶ Adjustable heat
- ▶ Power-off protection
- ▶ Automatic pulse ignition
- ▶ Time delay cooling system
- ▶ Adjustable power
- ▶ Overheat thermostat
- ▶ Ventilation or heating mode available
- ▶ Can be connected to the external temperature controller
- ▶ Flame detection by ion probe
- ▶ Automatic stop when no wind



SPECIFICATIONS		GQ97
Heating power	kW	97
	Btu/h	331000
	kcal/h	83400
Voltage	V	220-240
Frequency	Hz	50
Pressure	bar	1.5
Gas consumption	kg/h	6.9
Air displacement	m ³ /h	6000
Motor power	W	670
G.W./N.W.	kg	32/29.5
Box size	mm	1175x525x700

BLUE FLAME DIRECT OIL HEATERS

NEW



BY20



BY30

- ▶ Fuel cycle heating system
- ▶ Stainless steel combustion chamber
- ▶ High temperature combustion
- ▶ low energy consumption, high efficiency
- ▶ Environmental protection and low emission
- ▶ Fuel tank with level indicator
- ▶ Use imported fuel pumps and nozzles
- ▶ Time delay purification and cooling function
- ▶ With dustproof air inlet structure
- ▶ Independent oxygen supply fan and radiator fan
- ▶ Electronic and photoelectric flame induction controller
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Overheat protection and motor protection
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ Optional internal and external temperature sensor switch
- ▶ Cover with good ventilation and heat insulation



SPECIFICATIONS		BY20	BY30
Heating power	kW	20	30
	Btu/h	68300	102300
	kcal/h	17200	25800
Voltage	V	220-240	220-240
Frequency	Hz	50	50
Fuel tank volume	L	25	51
Air displacement	m³/h	850	1500
Motor power	W	75	110
Fuel consumption	l/h	1.95	2.92
Pressure	bar	8	8
G.W./N.W.	kg	28/26	50/48
Box size	mm	1065*440*565	1160*525*715
Container loading 20/40/40HQ		113/228/248	70/140/160

Optional accessories



Dustproof filter
BY20, BY30, BY50,
BY70, Y30, Y50, Y70



Temperature detection sensor(3/5m)
BY20, BY30, BY50, BY70, Y30, Y50, Y70
1Y37, 1Y50, 1Y85, Y70 A, Y85, Y115

BLUE FLAME DIRECT OIL HEATERS

NEW



BY50



BY70

- ▶ Fuel cycle heating system
- ▶ Stainless steel combustion chamber
- ▶ High temperature combustion
- ▶ low energy consumption, high efficiency
- ▶ Environmental protection and low emission
- ▶ Fuel tank with level indicator
- ▶ Use imported oil pumps and nozzles
- ▶ Time delay purification and cooling system
- ▶ With dustproof air inlet structure
- ▶ Independent oxygen supply fan and radiator fan
- ▶ Electronic and photoelectric flame induction controller
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Overheat protection and motor protection
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ Optional internal and external temperature sensor switch
- ▶ Good ventilation and heat insulation



SPECIFICATIONS		BY50	BY70
Heating power	kW	50	70
	Btu/h	170700	238900
	kcal/h	43000	60200
Voltage	V	220-240	220-240
Frequency	Hz	50	50
Fuel tank volume	L	100	100
Air displacement	m³/h	2800	3500
Motor power	W	400	460
Fuel consumption	l/h	4.88	6.84
Pressure	bar	10	10
G.W./N.W.	kg	58/56	100/81
Box size	mm	1475*610*825	1610*610*990
Container loading 20/40/40HQ		34/73/85	22/50

Optional accessories



Dustproof filter
BY20, BY30, BY50,
BY70, Y30, Y50, Y70



Temperature detection sensor(3/5m)
BY20, BY30, BY50, BY70, Y30, Y50, Y70
IY37, IY50, IY85, Y70 A, Y85, Y115

DIRECT OIL HEATERS

Y30



Y50



- ▶ Fuel cycle heating system
- ▶ Stainless steel combustion chamber
- ▶ Fuel tank with level indicator
- ▶ Use imported fuel pumps and nozzles
- ▶ Time delay purification and cooling function
- ▶ With dustproof air inlet structure
- ▶ Electronic and photoelectric flame induction controller
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Overheat protection and motor protection
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ Optional internal and external temperature sensor switch
- ▶ Cover with good ventilation and heat insulation



SPECIFICATIONS		Y30	Y50
Heating power	kW	30	50
	Btu/h	102300	170700
	kcal/h	25800	43000
Voltage	V	220-240	220-240
Frequency	Hz	50	50
Fuel tank volume	L	25	51
Air displacement	m ³ /h	800	2000
Motor power	W	105	460
Fuel consumption	l/h	1.95	4.88
Pressure	bar	8	8
G.W./N.W.	kg	24/22	37/35
Box size	mm	925*440*565	985*525*715
Container loading		20/40/40HQ	130/262/286
			73/151/175

Optional accessories



Dustproof filter
BY20, BY30, BY50,
BY70, Y30, Y50, Y70



Temperature detection sensor(3/5m)
BY20, BY30, BY50, BY70, Y30, Y50, Y70
IY37, IY50, IY85, Y70 A, Y85, Y115

DIRECT OIL HEATERS



Y50 A

- ▶ Stainless steel combustion chamber
- ▶ Fuel tank with level indicator
- ▶ Superimposed function
- ▶ Time delay purification and cooling function
- ▶ Electronic and photoelectric flame induction controller
- ▶ Overheat protection and motor protection
- ▶ Dual-screen temperature display,intuitive and accurate



SPECIFICATIONS		Y50 A
Heating power	kW	50
	Btu/h	170700
	kcal/h	43000
Voltage	V	220-240
Frequency	Hz	50
Fuel tank volume	L	51
Air displacement	m³/h	2000
Motor power	W	460
Fuel consumption	l/h	4.88
Pressure	bar	8
G.W./N.W.	kg	37/35
Box size	mm	985*525*715
Container loading		20/40/40HQ 73/151/175

Optional accessories



Dustproof filter
BY20, BY30, BY50,
BY70, Y30, Y50, Y70



Temperature detection sensor(3/5m)
BY20, BY30, BY50, BY70, Y30, Y50, Y70
IY37, IY50, IY85, Y70 A, Y85, Y115

DIRECT OIL HEATERS



Y70

- ▶ Fuel cycle heating system
- ▶ Stainless steel combustion chamber
- ▶ Fuel tank with level indicator
- ▶ Use imported fuel pumps and nozzles
- ▶ Time delay purification and cooling function
- ▶ With dustproof air inlet structure
- ▶ Electronic and photoelectric flame induction controller
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Overheat protection and motor protection
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ Optional internal and external temperature sensor switch
- ▶ Cover with good ventilation and heat insulation



SPECIFICATIONS	Y70	
Heating power	kW	70
	Btu/h	238900
	kcal/h	60200
Voltage	V	220-240
Frequency	Hz	50
Motor power	W	460
Air displacement	m³/h	3500
Fuel tank volume	L	100
Fuel consumption	l/h	6.84
Pressure	bar	10
G.W./N.W.	kg	48/46
Box size	mm	1320*610*820
Container loading 20/40/40HQ		37/76/93

Optional accessories



Dustproof filter
BY20, BY30, BY50,
BY70, Y30, Y50, Y70



Temperature detection sensor(3/5m)
BY20, BY30, BY50, BY70, Y30, Y50, Y70
IY37, IY50, IY85, Y70 A, Y85, Y115

INDIRECT OIL HEATERS




IY20


- ▶ Stainless steel heat exchanger
- ▶ Snorkel
- ▶ Fuel tank with level indicator
- ▶ Possible connection to a flexible tube
- ▶ Use imported fuel pumps and nozzles
- ▶ Time delay purification and cooling function
- ▶ Electronic and photoelectric flame induction controller
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ built-in automatic reset, external manual reset, motor overheat protection
- ▶ Solid and durable structure





SPECIFICATIONS	IY20	
Heating power	kW	20
	Btu/h	68300
	kcal/h	17200
Voltage	V	220-240
Frequency	Hz	50
Fuel tank volume	L	32
Air displacement	m³/h	800
Motor power	W	105
Fuel consumption	l/h	1.95
Pressure	bar	8
G.W./N.W.	kg	34/32
Box size	mm	987*452*598
Container loading		20/40/40HQ 101/210/234


Optional accessories

 Flex tubes
IY20, IY37, IY50,
IY85, IY130, IY220

 Aluminum foil flex tube
IY20, IY37, IY50,
IY85, IY130, IY220

 Exhaust elbow 90°
IY20, IY37, IY50,
IY85, IY130, IY220

 Chimney pot
IY20, IY37, IY50,
IY85, IY130, IY220

 Exhaust pipe (1m)
IY20, IY37, IY50,
IY85, IY130, IY220

INDIRECT OIL HEATERS



IY37

IY55



IY85



- ▶ Stainless steel heat exchanger
- ▶ Snorkel
- ▶ Fuel tank with level indicator
- ▶ With overhaul window
- ▶ Use imported fuel pumps and nozzles
- ▶ Possible connection to a flexible tube
- ▶ Time delay purification and cooling function
- ▶ Electronic and photoelectric flame induction controller
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Dual-screen temperature display, intuitive and accurate
- ▶ Double protection: over-oil protection, motor overheat protection
- ▶ Cover with good ventilation and heat insulation





SPECIFICATIONS		IY37	IY55	IY85
Heating power	kW	37	55	85
	Btu/h	126300	187700	290100
	kcal/h	31800	47300	73100
Voltage	V	220-240	220-240	220-240
Frequency	Hz	50	50	50
Fuel tank volume	L	51	51	100
Air displacement	m³/h	2000	2500	4500
Motor power	W	460	460	750
Fuel consumption	l/h	3.61	5.37	8.29
Pressure	bar	10	10	10
G.W./N.W.	kg	63.7/47.1	71.7/53	99.8/85.3
Box size	mm	1230*510*825	1435*510*825	1710*640*980
Container loading 20/40/40HQ		36/78	28/64	22/50

Optional accessories

-  Flex tubes
IY20, IY37, IY50, IY85, IY130, IY220
-  Chimney pot
IY20, IY37, IY50, IY85, IY130, IY220

-  Aluminum foil flex tube
IY20, IY37, IY50, IY85, IY130, IY220
-  Exhaust pipe (1m)
IY20, IY37, IY50, IY85, IY130, IY220

-  Exhaust elbow 90°
IY20, IY37, IY50, IY85, IY130, IY220
-  Temperature detection sensor(3/5m)
BY20, BY30, BY50, BY70, Y30, Y50, Y70, IY37, IY50, IY85, Y70 A, Y85, Y115

INFRARED OIL FIRED HEATERS



RY15

- ▶ Double screen display
- ▶ Anti-toppling switch protection
- ▶ Visible and accurate temperature display
- ▶ Fuel tank with level indicator
- ▶ No air flow, low noise
- ▶ Use imported fuel pumps and nozzles
- ▶ Independent oxygen supply fan and radiator fan
- ▶ Electronic and photoelectric flame induction controller
- ▶ High temperature ceramic fiber combustion chamber
- ▶ Large radiation area and high efficiency
- ▶ Overheat protection and motor protection
- ▶ Filtration of fuel suction, fuel pump and nozzle



SPECIFICATIONS	RY15	
Heating power	kW	15
	Btu/h	51000
	kcal/h	12900
Voltage	V	220-240
Frequency	Hz	50
Motor power	W	54
Fuel tank volume	L	11
Air displacement	m³/h	400
Fuel consumption	kg/h	1.4
G.W./N.W.	kg	15.6/14
Box size	mm	570x320x545
Container loading 20/40/40HQ		280/572/660

INFRARED OIL FIRED HEATERS



RY40

- ▶ Large radiation area and high efficiency
- ▶ No air flow, low noise
- ▶ Electronic and photoelectric flame induction controller
- ▶ High temperature ceramic fiber combustion chamber
- ▶ Adjustable direction/tilting
- ▶ Filtration of fuel suction, fuel pump and nozzle
- ▶ Use imported burner, stable and long life



SPECIFICATIONS	RY40	
Heating power	kW	40
	Btu/h	13650
	kcal/h	34400
Voltage	V	220-240
Frequency	Hz	50
Fuel tank volume	L	51
Air displacement	m ³ /h	860
Motor power	W	140
Fuel consumption	L/H	3.95
G.W./N.W.	kg	53/45
Box size	mm	1010x720x1000

CARPET DRYER



AD6



AD10

- ▶ 6m long power cord
- ▶ Motor with mesh cover, anti-suction
- ▶ With top handle, easy to lift and move
- ▶ 3 angle air supply, blowing every corner
- ▶ Create greater air by blast impeller
- ▶ Nice design and high strength polyethylene housing
- ▶ Low noise, suitable for hotel, warehouse, factory etc



SPECIFICATIONS	AD6		AD10
Rated power	W	85	300
Voltage	V	220-240	220-240
Frequency	Hz	50	50
Motor speed	RPM	1300	950
Motor lever		1	2
Air displacement	CFM	425	1150
G.W./N.W.	kg	3.8/3.2	9.7/8.5
Box size	mm	300*270*300	407*389*477
Container loading 20/40/40HQ		1120/2240/2560	349/699/831

WALL MOUNTED ELECTRIC HEATER



BD5

- ▶ Dustproof and waterproof IP24
- ▶ Built-in motor thermal protection
- ▶ Manually reset of the overheat protector
- ▶ Stainless steel heating element
- ▶ Low noise
- ▶ No indoor oxygen consumption
- ▶ Smokeless, no odor, no humidity
- ▶ Optional ventilation and heating functions
- ▶ Wall mounting takes up small space
- ▶ Adjustable air outlet angle
- ▶ Keep cooling after shutdown
- ▶ Extended external control box for easy operation
- ▶ Equipped with power switch with lights
- ▶ Computer type operation panel
- ▶ Indoor accurate constant temperature control $X \pm 1^\circ\text{C}$ (X =given room temperature)
- ▶ Weekly time setting function, can set any switch On/Off time.
- ▶ Adaptive function, automatically switch high or low heating level
- ▶ When left unattended for a long time, the weekly setting cycle is controlled by computer
- ▶ Save setting memory when power disconnected, and running by the previous setting after power connected
- ▶ Prejudgment of switch on function. Detect the ambient temperature automatically, if needed, switch on the power automatically.



SPECIFICATIONS		BD3	BD5	BD9
Heating power	kW	3.3	5	9
	Btu/h	11200	17000	30700
	kcal/h	2800	4300	7700
Voltage	V	AC230V	400	400
Frequency	Hz	50	50	50
Power level		0/30W/1650W/3300W	0/30W/2500W/5000W	0/52W/4500W/9000W
Motor power	W	30	30	52
Plug type		European	Industrial five-core plug	Industrial five-core plug
Air displacement	m ³ /h	425	425	651
Air outlet area	m ²	0.0551	0.0551	0.0772
G.W./N.W.	kg	8.67/7.54	9.42/8.29	13.52/12.07
Box size	mm	380*315*415	380*315*415	400*370*450
Container loading 20/40/40HQ		615/1233/1402	615/1233/1402	447/905/1062

WALL MOUNTED ELECTRIC HEATER



BD22

- ▶ Dustproof and waterproof IP24
- ▶ Built-in motor thermal protection
- ▶ Manually reset of the overheat protector
- ▶ Stainless steel heating element
- ▶ Low noise
- ▶ No indoor oxygen consumption
- ▶ Smokeless, no odor, no humidity
- ▶ Optional ventilation and heating functions
- ▶ Wall mounting takes up small space
- ▶ Adjustable air outlet angle
- ▶ Keep cooling after shutdown
- ▶ Extended external control box for easy operation
- ▶ Equipped with power switch with lights
- ▶ Computer type operation panel
- ▶ Indoor accurate constant temperature control $X \pm 1 \text{ }^\circ\text{C}$ (X =given room temperature)
- ▶ Weekly time setting function, can set any switch On/Off time.
- ▶ Adaptive function, automatically switch high or low heating level
- ▶ When left unattended for a long time, the weekly setting cycle is controlled by computer
- ▶ Save setting memory when power disconnected, and running by the previous setting after power connected
- ▶ Prejudgment of switch on function. Detect the ambient temperature automatically, if needed, switch on the power automatically.



SPECIFICATIONS		BD15	BD22
Heating power	kW	15	22
	Btu/h	51200	75100
	kcal/h	12900	18900
Voltage	V	400	400
Frequency	Hz	50	50
Power level		0/105W/7500W/15000W	0/190W/11000W/22000W
Motor power	W	105	190
Plug type		Industrial five-core plug	Industrial five-core plug
Air displacement	m ³ /h	1309	2372
Air outlet area	m ²	0.1039	0.1643
G.W./N.W.	kg	20.74/18.87	31.28/28.87
Box size	mm	475*425*505	500*500*620
Container loading 20/40/40HQ		273/569/684	168/350/426

SIAL[®]

Expert in air treatment

Sial Inter GmbH

Germany Add:7106,Am Seestern 8,40547,Düsseldorf.Germany

E-mail:roger@hengjin-nb.com

Tel/Fax: 4921159869209

Chinese Add:No.100 Haiwei avenue, Guanhaiwei Town,Cixi,Ningbo,China

Tel:0086-574-58582114

Fax:0086-574-58582148

Http://www.sialtool.com

E-mail:ye@hengjin-nb.com



www.sialtool.com