



product catalog 2014

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# COMPANY PROFILE



Established in **1977** OLEFINI S.A. started as an injection molding designer and manufacturer of thermoplastic technical products having a long course in engineering plastics and relative constructions.

After 34 years company has managed today to be the **ONLY manufacturer** of Air Curtains in Greece and one of the Global Leading firms in this product field.

As a reward to management's commitment in **High quality and efficient products** company Exports it's units in more than **30 countries** all over the world.

Following **ISO 9001:2008** guiding rules, with advanced R&D Mould making and also Electronics department, in it's private owned premises since 2005, OLEFINI S.A. produces CE complied units that can serve all various customer demands.

In this 12.000 m<sup>2</sup> space Olefini produces it's Air Curtains and today has reached a **400 models Variation** of: Simple, Electrically Heated, Hot Water Heated & Hot-Cold Water Heated types.

Among others OLEFINI products include:

- **ECO Technology air curtains**, equipped with sophisticated electronics in order to transform unit in an Energy Saving product.
- **Recessed air curtains**
- **IP 24 air curtains**
- **FAN HEATERS**



## Injection Moulding Machines Department



CNC Automated Injection machines production line for plastic parts, capable of producing parts weighting from 10 gr up to 6.5 kgr.

## Ultrasonic Department



Ultrasonic welding machines for plastic fans production and fan balancing machines for precise parts production.

3 Independent Air Curtain Assembly lines, producing all OLEFINI products, equipped with CE testing stations for Safety compliance.



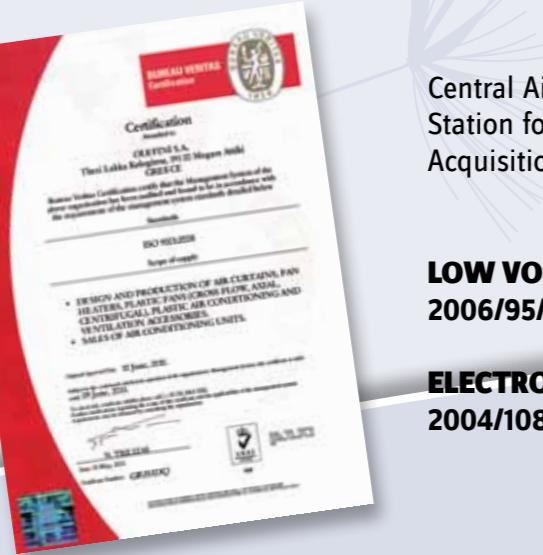
## Final Assembly Line Department



## Electronic Department



Automated Electronics production line, for Assembly and Final Inspection before release to production.



Central Air Curtain Safety Inspection Station for final Stage TESTS and DATA Acquisition purposes according to:

**LOW VOLTAGE DIRECTIVE  
2006/95/EC**

**ELECTROMAGNETIC COMPATIBILITY  
2004/108/EC**



## Quality Test Department



## MOULD production & repair line equipped with:

- WIRE EDM machine, special designed for Fan mould production
- SPARK EDM machine
- Radial Machine
- Cutter Machine
- e.t.c



## Sheet Metal Department

Electrical heaters production line for Air curtains.



## Electrical heater Department



## R&D Department

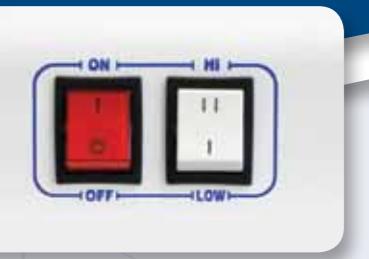


PRO Engineer Software station for MOULD design connected with a 4 AXIS CNC mill with a long up to 3 meters table for big Moulds production.

## Warehouse



Warehouse for storing from spare parts and components up to finished products ready for delivery.



"OLEFINI S.A." Air Curtains can be controlled either by switches on the control panel located on the device, or by the wired-infrared remote control provided (if ordered).



\* Air Curtains without Heat (simple ones) have switches on the control panel:

ON-OFF and HI-LOW which allow controlling both activation of the device and speed mode of the fan accordingly.



\* Heated Air Curtain Models:

KEH43/44/46, MINI-700, MINI-800 S, R, LEH-13 S

have a HI-LOW switch for regulating Motor speeds and a rotary switch for ON-OFF (motor operation) and Heaters regulation.

These Air Curtains work in the following way:

When switch is in ON position we start the fan, the Air Curtain works without Heat.

By rotating the switch further more you start Heaters operation according to the desired LOAD.

By positioning the switch to OFF you automatically close the motor and the Heaters as well.

"OLEFINI S.A." Air Curtains are supplied with thermostats located above the thermal elements to prevent their overheating. These sensors cut off power supply to the thermal elements at a temperature of  $65^{\circ} \pm 5^{\circ}$  C.

## ATTENTION

\*In case you have the above described situation for more than three times, you should switch off the device, and should consult a qualified electrician to find out the failure cause.

\*If the device does not produce a sufficient warm air stream, it is necessary to apply to the service centre and locate the cause of the problem.

## PSRF OPERATION.

"OLEFINI S.A." Heated Air Curtains (Electrical or water) have a wired-infrared remote control, allowing to switch ON-OFF the device, to change fan speed, to change heating level (HEAT POWER) or to control the hot water solenoid valve (WATER VALVE) depending on the way of heating.

To operate the Wired remote control you should first of all connect the cable to the CON BOX located on the back side of the Air Curtains.

To operate the hot water solenoid valve you should connect the valve cables to the terminal block (box) located on the back side of the Air Curtains.

It should be done according to the power supply electric scheme in the given instruction.



## FUNCTIONS

**1. ON-OFF:** After pressing the button ON the Air Curtain starts operation.

After pressing the button OFF the Air Curtain stops if it worked without heating. If the Air Curtain was working in heating mode also, the fan will continue to rotate for approx. 120 seconds to cool the Air Curtain.

**2. HEAT POWER or WATER VALVE:** Control of the heat power

(0% -33% -66% -100%) or opening/closing the solenoid water valve depending on the way of heating.

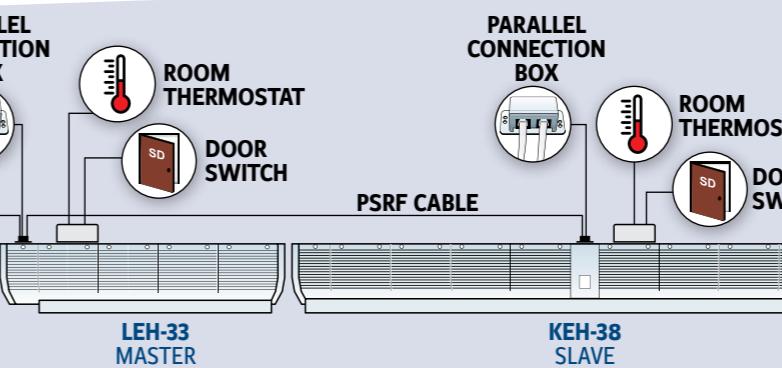
**3. FAN SPEED:** Control of the fan rotation speed. Though an Air Curtain has a three-stage motor, there are only two speeds (high and low) used in the existing models. The Middle speed (Blue wire) can be provided by a qualified electrician by switching terminals of the control unit.

## INFRARED CONTROL UNIT (OPTIONAL)

"OLEFINI S.A." Air Curtains can be controlled by an additional infrared remote control unit. You can switch on an Air Curtain by a remote control from distance of up to 10m and with an angle of deviation up to 15 degrees. CR 2032 type 3-V batteries are used for the remote control unit.

All "OLEFINI S.A." Heated Air Curtains, except models MINI 700, Mini 800S, INTELLECT 0.8, R, LEH-13 S, INTELLECT 1.0 and KEH-43/44/46 are supplied with a cable remote control. In case of cascade mounting of the Air Curtains their quantity should not exceed 5 units.

Control of the Air Curtains is carried out by the wired remote control. A special telephone cable of  $6 \times 0.25 \text{ mm}^2$ , is used to connect the Air Curtains between themselves. Its total length should not exceed 15 m.



## ATTENTION

\*It is obligatory to control the Heated Air Curtains only by the wired remote control provided.

\*It is forbidden to switch OFF the Air Curtain by the electric knife switch.

\*A special telephone cable should be used for cascade mounting of the Air Curtains, supplied ONLY by us.

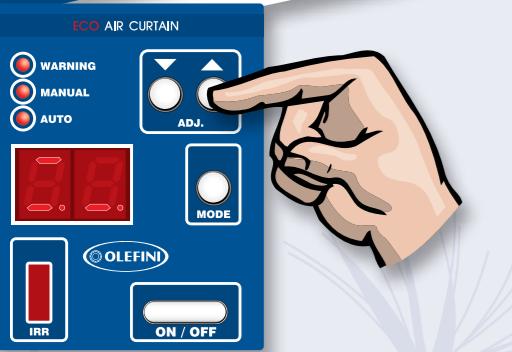
\*In case of Cascade unit connection each unit MUST have its own Door Switch & Room Thermostat.

# ECO SYSTEM

## The new ECO System.

### Maximum energy saving, ultimate comfort.

Olefini offers a new electronic control system for the entire line of Air Curtain products. The new system called 'ECO' is capable of further reducing the electricity bill by applying intelligent control on the unit's fan and heater elements. The operation of the unit is now smoother and more efficient.



The key features of the new line of products are:

#### Intelligent energy efficient "Auto" mode for electric heaters.

The air curtain will monitor the temperature outside the building and will constantly adjust its air flow speed and the power level of the electric heaters to ensure that power is not wasted when no needed.

#### Fine-tuned control for maximum environment comfort.

The intelligent control system tries to maintain a good level of separation between the inside and outside of the building and at the same time, and whenever it is possible, the air flow is reduced to lower the noise level and offer more comfort.

#### Door switch with configurable time delays.

Olefini's air curtains are capable of altering their operation when the door is opened or closed. It is possible to set the air curtain to completely stop when the door is closed, or even have the air curtain work in a mode similar to space heater in the winter. All that with a touch of a button.

#### With Electric heaters or Hot water or Cold water.

Most of Olefini's air curtain models can be configured with electric heaters or with Hot/Cold water elements. Depending on the given project, an air curtain can operate with the building's chiller, boiler, heat pump, or just electricity when needed.

#### Wireless (IR) user panel and Wired panel with bright display.

The new ECO system comes with an improved and very easy to use wired panel. The user can adjust the air curtain with a touch of a button or even leave the air curtain work completely automatically if necessary.

It is very intuitive and easy to use. Two modes of operation are given. An automatic mode where air flow and heater power level changes happens automatically, and a manual mode, where the user can adjust specific levels according to his/her preference.

### Overheat alarm sensor, fan issue alarm sensor, and error codes to help periodic maintenance and cleaning.

Since our units are designed to offer their services at 24/7 for years, you can be assured that when the time comes to have the unit maintained, a fault indicator will guide the technician to the source of issue.

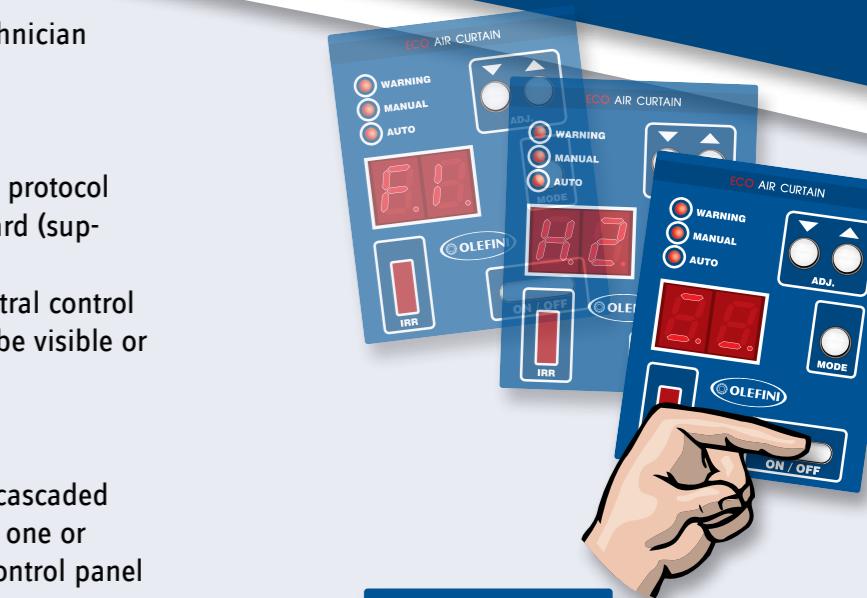
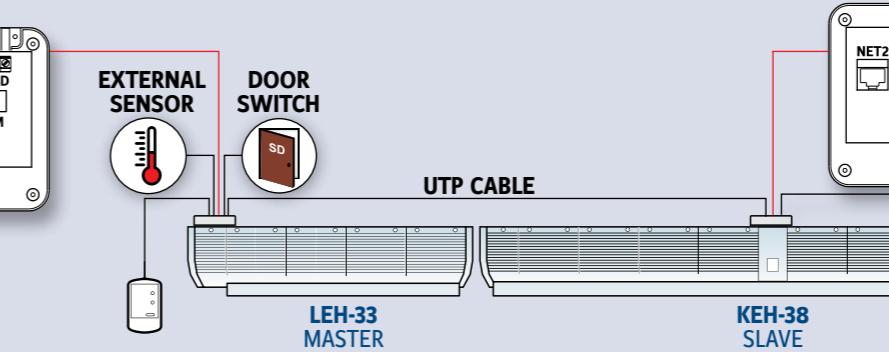
#### BMS networking supported, based on MODBUS (optional)

Olefini Air Curtains can now be connected to BMS systems. We have adopted the Modbus protocol for BMS connected air curtains. Each air curtain can be equipped with its own network card (supplied as an option) and it will present itself on a Modbus BMS network.

Over the network each air curtain can be under the complete control of the building's central control unit. And of course all the sensor values, fault status, alarms, status of operation, etc will be visible or adjustable remotely.

#### Master/Slave connection between multiple units on the same door.

Whenever there is a need to cover a very wide opening, Olefini's ECO air curtains can be cascaded with a very easy and cost efficient method. A simple cable is all that is needed to cascade one or more units together to work in a Master - Slave configuration. In this situation, only one control panel is needed and all connected air curtains can respond identically to the user's commands.





Olefini offers the Up-Down system for some models of Air Curtain products. The Up-Down system, is capable of adjusting the air curtain's fan speed and heater level according to the user's preferences.

The key features of the Up-Down line of products are:

#### **Smooth fan speed control**

The air curtain's fan speed can be controlled from the user panel and adjusted in small steps in order to provide maximum comfort and low noise.

#### **Door switch operation**

If a door switch is connected the Up-Down is capable of stopping it's operation when the door is closed and the air curtain's help is not needed.

#### **Wireless (IR) user panel**

The Up-Down Air Curtains feature a build in user panel (on the unit) and a wireless remote control (IR). User can issue commands either from the build in panel, or the wireless remote control with a touch of a button. The air curtain provides indication of it's operating state with bright LEDs, and audible signals.



## **The UP-DOWN Air Curtain Systems.**

#### **Multi speed control**

Olefini offers the Intellect system for some models of Air Curtain products.

The Intellect system, is capable of adjusting the air curtain's fan speed and heater level according to the user's preferences. When the building's door is closed, the same air curtain can be used as a space heater, providing hot air during the winter.

The key features of the Intellect line of products are:

#### **Smooth fan speed control**

The air curtain's fan speed can be controlled from the user panel and adjusted in small steps in order to provide maximum comfort and low noise.

#### **Operation Mode**

Our new INTELLECT air curtains have the ability to work in two different Modes.

For being able each time to know in which mode the unit currently works we have to notice the colour of the ON-OFF led.

When LED is green: **Air curtain mode**

When LED is red : **Room Heater mode**

#### **Door switch & Room thermostat**

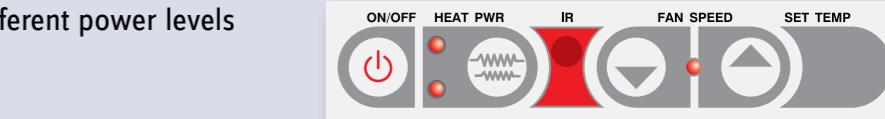
The Intellect is capable of altering it's operation when the door is opened or closed. When the door is open, the unit works as an Air Curtain. When the door is closed, you can have an intelligent space heater, which starts and stops with the help of an (optional) room thermostat.

#### **With Electric heaters**

Olefini's Intellect air curtains feature an electric heater which can be controlled in four different power levels (No heat, 33% heat, 66% heat or 100% heat full power).

#### **Wireless (IR) user panel**

The Intellect Air Curtains feature a build in user panel (on the unit) and a wireless remote control (IR). User can issue commands either from the build in panel, or the wireless remote control with a touch of a button. The air curtain provides indication of it's operating state with bright LEDs, and audible signals.



## **The INTELLECT Air Curtain Systems.**

#### **Innovation and advanced features.**

Olefini offers the Intellect system for some models of Air Curtain products.

The Intellect system, is capable of adjusting the air curtain's fan speed and heater level according to the user's preferences. When the building's door is closed, the same air curtain can be used as a space heater, providing hot air during the winter.

The key features of the Intellect line of products are:

#### **Smooth fan speed control**

The air curtain's fan speed can be controlled from the user panel and adjusted in small steps in order to provide maximum comfort and low noise.

#### **Operation Mode**

Our new INTELLECT air curtains have the ability to work in two different Modes.

For being able each time to know in which mode the unit currently works we have to notice the colour of the ON-OFF led.

When LED is green: **Air curtain mode**

When LED is red : **Room Heater mode**

#### **Door switch & Room thermostat**

The Intellect is capable of altering it's operation when the door is opened or closed. When the door is open, the unit works as an Air Curtain. When the door is closed, you can have an intelligent space heater, which starts and stops with the help of an (optional) room thermostat.

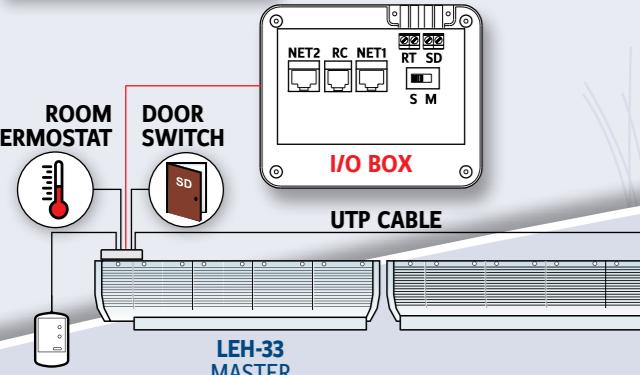
#### **With Electric heaters**

Olefini's Intellect air curtains feature an electric heater which can be controlled in four different power levels (No heat, 33% heat, 66% heat or 100% heat full power).

#### **Wireless (IR) user panel**

The Intellect Air Curtains feature a build in user panel (on the unit) and a wireless remote control (IR). User can issue commands either from the build in panel, or the wireless remote control with a touch of a button. The air curtain provides indication of it's operating state with bright LEDs, and audible signals.

# NEW LOGIC SYSTEM



## The NEW LOGIC System.

### **Take full control of your air curtain**

Olefini offers the New Logic system for the entire line of Air Curtain products. The New Logic or 'NL' system, is capable of adjusting the air speed of the unit, while keeping separate settings according to the state of the door, maximizing the system's efficiency.

The key features of the NL line of products are:

#### **Door switch with configurable time delays and room thermostat.**

Olefini's air curtains are capable of altering their operation when the door is opened or closed. It is possible to set the air curtain to a given level of fan speed and heater capacity when the door is closed and a different level of heat and fan speed when the door is closed or even have the air curtain work in a mode similar to space heater in the winter. In this way unit will remember it's settings and act according to door state. All that with a touch of a button. While the door is closed, the air curtain may start or stop it's operation according to an (optional) room thermostat.

#### **With Electric heaters or Hot water or Cold water**

Most of Olefini's air curtain models can be configured with electric heaters or with Hot/Cold water elements. Depending on the given project, an air curtain can operate with the building's chiller, boiler, heat pump, or just electricity when needed.

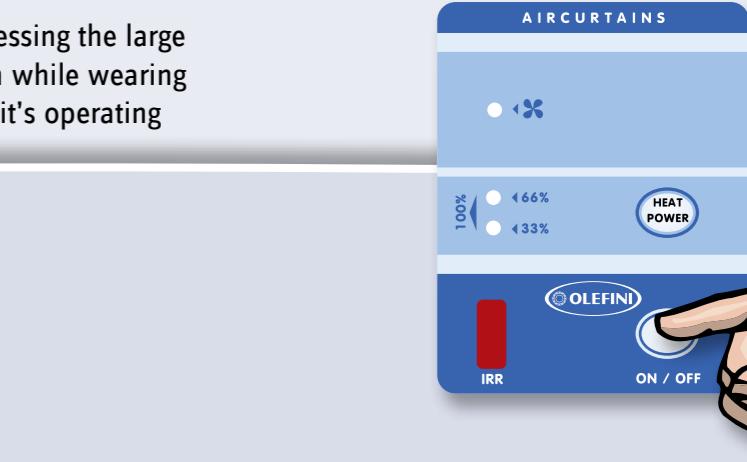
#### **Wireless (IR) user panel and Wired panel with bright LEDs**

The New Logic system comes with an improved and user friendly wired panel. The user can adjust the air curtain operating parameters with a touch of a button. The wired panel provides information about the state of the air curtain unit, with simple LEDs which indicate the air speed, heater power level and unit communication state.

#### **Master/Slave connection between multiple units on the same door**

Whenever there is a need to cover a very wide opening, Olefini's New Logic air curtains can be cascaded with a very easy and cost efficient method. A simple cable is all that is needed to cascade one or more units together to work in a Master - Slave configuration. In this situation, only one control panel is needed and all connected air curtains can respond identically to the user's commands.

# IP24 CONTROL SYSTEM



## The IP24 Air Curtain Systems.

### **For demanding working environments.**

Olefini offers the IP24 control system for a few selected models of Air Curtain products.

The IP24 air curtains have an ingress protection of IP24 and can be used in places where there will be exposure to water and dust. Typical applications are car washing facilities, and outdoor installations.

The key features of the IP24 line of products are:

#### **Constant fan speed**

To avoid unnecessary system complexity, the IP24 system has only one speed for the fan.

#### **With Electric heaters**

Olefini's IP24 air curtains feature an electric heater which can be controlled in four different power levels (No heat, 33% heat, 66% heat or 100% heat full power). These heaters are of course IP24 certified and can work while they are sprayed with water or dust particles. All their electric connections are completely sealed.

#### **Industrial user panel with easily accessible buttons**

The IP24 Air Curtains feature a wired user panel. The user can issue commands by pressing the large touch buttons. The buttons are carefully designed so that it is possible to operate them while wearing a glove (typical situation for given applications). The air curtain provides indication of it's operating state with bright LEDs, and audible signals.

#### **NOTICE:**

If needed we can also operate unit with an IR (IP20) remote control.

# FAN HEATER - COOLER

FH-35

FH-45

FH-55

FH-63

MODELS



## ROOM THERMOSTAT

- 0-30 °C
- Winter - Summer Selection
- HI - LOW Speed Selection
- Solenoid Valve control

**TECHNICAL DETAILS**

TYPE	FH351	FH352	FH353	FH354	FH451	FH452	FH453	FH454
Fan speed	HI / LOW	HI / LOW	HI / LOW	HI / LOW				
Max Air velocity (m/sec)	4.5 / 4.0	3.96 / 3.52	3.4 / 3.06	3.18 / 2.84	5.33 / 4.25	4.5 / 3.56	4.25 / 3.02	3.7 / 2.81
Max Air volume (m <sup>3</sup> /h)	2000 / 1800	1750 / 1550	1500 / 1350	1400 / 1250	3900 / 3100	3300 / 2600	3100 / 2200	2700 / 2050
Water Mass (Kgr)	0.3	0.7	1.0	1.3	0.6	1.1	1.7	2.2
Heating power (kW)	7.7 / 7.3	14.2 / 13.2	17.7 / 16.5	19.6 / 18.0	15.3 / 13.5	26.4 / 22.7	34.9 / 27.5	37.6 / 30.7
Air outlet Temperature (°C)	31 / 32	44 / 45	55 / 56	61 / 62	32 / 33	44 / 46	53 / 57	61 / 64
Cooling power (kW)	1.4 / 1.3	5.1 / 4.7	7.7 / 7.1	8.0 / 7.4	4.5 / 4.1	10.7 / 9.2	15.3 / 12.9	17.6 / 14.6
Air outlet temperature (°C)	27 / 26	22 / 22	19 / 18	17 / 17	26 / 25	22 / 21	19 / 18	17 / 15
Noise levels db(A)	57 / 54	56 / 54	57 / 55	58 / 56	69 / 65	69 / 65	68 / 64	67 / 64
Supply line	230V / 50Hz / 1-	230V / 50Hz / 1-	230V / 50Hz / 1-	230V / 50Hz / 1-				
Maximum Motor input (W)	160	160	160	160	235	235	235	235
Fan speed (rpm)	1400 / 1300	1400 / 1290	1400 / 1290	1400 / 1290	1300 / 1060	1265 / 990	1295 / 1000	1275 / 980
Weight (kgr)	34	35	36	37	44	45	47	48.5
Ingress protection	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
<b>DIMENSIONS</b>	<b>A (mm):</b> 592	<b>B (mm):</b> 497	<b>C (mm):</b> 394	<b>D (mm):</b> 232	<b>E (mm):</b> 313	<b>F (mm):</b> 82	<b>DF (mm):</b> 350	<b>Ø (inches):</b> 3/4"
	592	497	394	232	313	82	350	3/4"
	592	497	394	232	313	82	350	3/4"
	592	497	394	232	313	82	350	3/4"
	692	597	394	232	406	86	450	1"
	692	597	394	232	406	86	450	1"
	692	597	394	232	406	86	450	1"

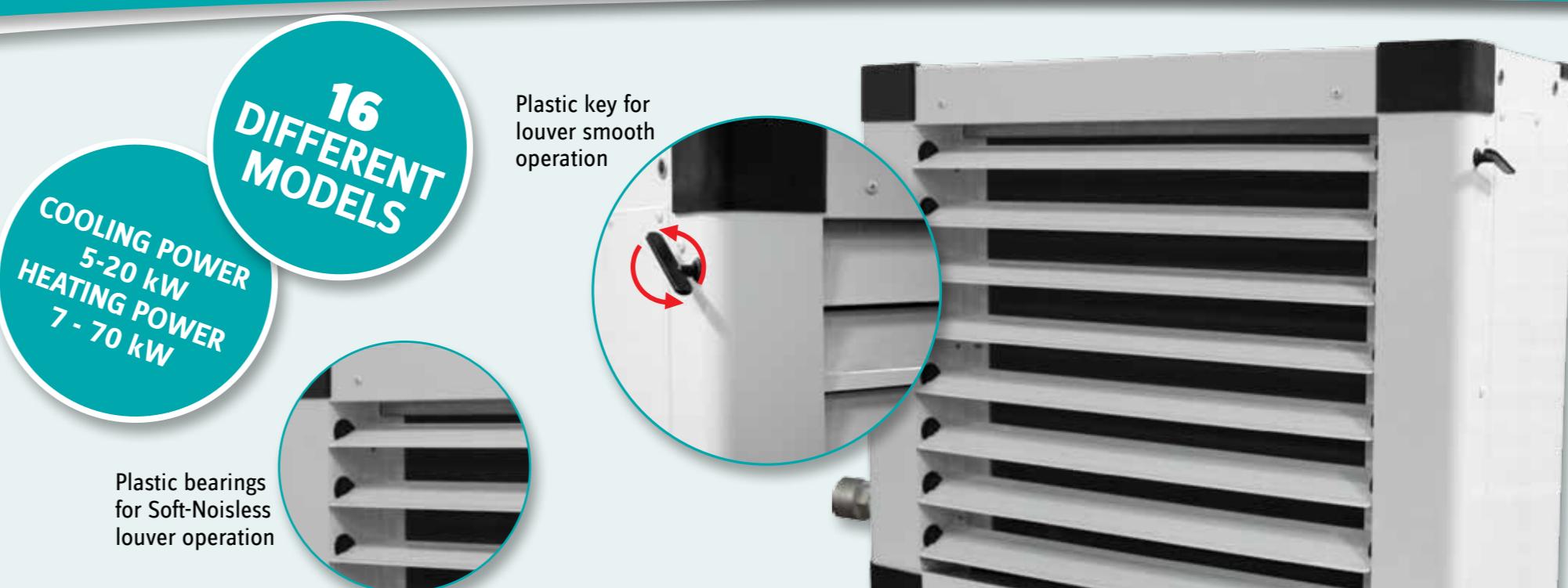
- Heat only or Heat-Cool Operation (*upon request*)
- Stainless Steel Condensation tray inside
- All Models are available at 4 different Sizes with 1, 2, 3 or 4 Row Water coil inside
- 2 SPEED Motor

In the Tables below we provide the Technical details for OLEFINI FAN HEATERS. All given characteristics have been calculated having in mind the bellow prevailing conditions:

\* **HEATING:** Air Inlet Temperature 20°C, Water Inlet Temperature 85°C, Water Outlet temperature 75°C

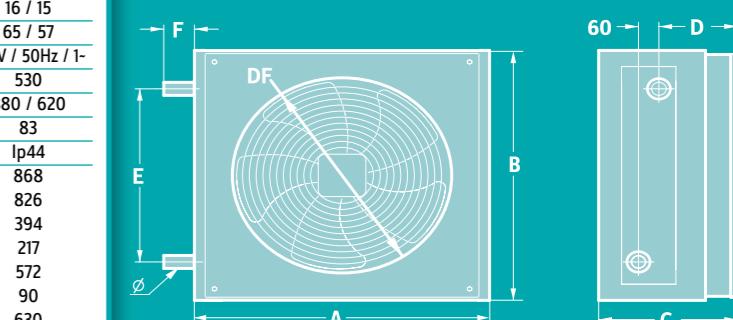
\* **COOLING:** Air Inlet Temperature 28°C, Water Inlet Temperature 7°C, Water Outlet Temperature 10°C, Relative Humidity 55 %

- In case of different prevailing conditions please consult supplier or factory for further details or see performance curves provided.



## TECHNICAL DETAILS

TYPE	FH551	FH552	FH553	FH554	FH631	FH632	FH633	FH634
Fan speed	HI / LOW	HI / LOW	HI / LOW	HI / LOW				
Max Air velocity (m/sec)	5.88 / 4.64	5.42 / 4.04	4.96 / 3.58	4.59 / 3.31	5.21 / 3.85	4.23 / 3.08	3.56 / 2.66	3.46 / 2.37
Max Air volume (m <sup>3</sup> /h)	6400 / 5000	5900 / 4400	5400 / 3900	5000 / 3600	7400 / 5400	5900 / 4300	5000 / 3700	4800 / 3300
Water Mass (Kgr)	0.8	1.6	2.5	3.3	1.1	2.1	3.2	4.2
Heating power (kW)	25 / 21	44.9 / 37.5	57.1 / 45.9	65.2 / 51.4	29.8 / 25.2	48.1 / 39.4	59.4 / 48	68.3 / 51.9
Air outlet Temperature (°C)	30 / 33	43 / 45	51 / 55	59 / 62	32 / 34	44 / 47	55 / 58	55 / 58
Cooling power (kW)	8.4 / 7.5	18.2 / 15.8	24 / 20.1	28.7 / 23.4	9.9 / 8.6	18.6 / 15.8	26.4 / 22.1	31.5 / 24.5
Air outlet temperature (°C)	25 / 25	22 / 21	19 / 18	17 / 16	25 / 25	22 / 21	18 / 17	16 / 15
Noise levels db(A)	66 / 60	67 / 61	68 / 61	68 / 61	68 / 60	67 / 59	66 / 58	65 / 57
Supply line	230V / 50Hz / 1-	230V / 50Hz / 1-	230V / 50Hz / 1-	230V / 50Hz / 1-				
Maximum Motor input (W)	540	540	540	540	530	530	530	530
Fan speed (rpm)	1350 / 1100	1430 / 1040	1315 / 1000	1300 / 960	880 / 660	875 / 660	890 / 660	880 / 620
Weight (kgr)	60	62	65	68	76	78	80	83
Ingress protection	IP44	IP44	IP44	IP44	IP4	IP44	IP44	IP44
<b>DIMENSIONS</b>	<b>A (mm):</b> 792	<b>B (mm):</b> 751	<b>C (mm):</b> 394	<b>D (mm):</b> 232	<b>E (mm):</b> 497	<b>F (mm):</b> 90	<b>DF (mm):</b> 550	<b>Ø (inches):</b> 1 1/4"
	792	751	394	232	497	90	550	1 1/4"
	792	751	394	232	497	90	550	1 1/4"
	792	751	394	232	497	90	550	1 1/4"
	792	751	394	232	497	90	550	1 1/4"
	868	826	394	217	572	90	550	1 1/4"
	868	826	394	217	572	90	550	1 1/4"
	868	826	394	217	572	90	550	1 1/4"



# SIMPLE "X" SERIES

(door height up to 3,0 m)

motor position:  
MIDDLE

1,0m

1,2m

1,4m

1,6m

1,8m

2,0m

MAXIMUM DOOR WIDTH



**FOR USE IN:**  
SMALL SHOPS, JEWELRIES, HAIRDRESSER SALONS, HEALTH SPAS,  
CAFETERIAS, PASTRY SHOP, BREWERIES, SMALL HOTELS, BANKS,  
SUPER MARKETS, FOOD FACTORIES, MEAT FACTORIES,  
FISH MONGER SHOPS, SMALL COLD STORAGE PLANTS



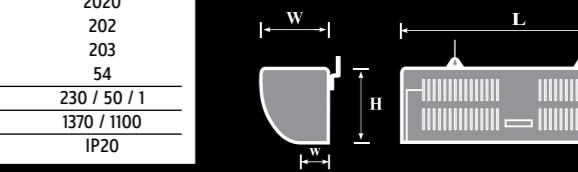
cross flow fan  
Ø 110 diameter

## OPERATION WAYS

- ON-OFF / HI-LOW (switches)
- ON-OFF / HI-LOW with infrared remote control (I.R.)

## TECHNICAL DETAILS

TYPE	X10	X12	X14	X16	X18	X20
Max door width (m)	1.0	1.2	1.4	1.6	1.8	2.0
Max door height (m)	3.0	3.0	3.0	3.0	3.0	3.0
Max Outlet velocity (m/sec)	10.0 / 6.0	10.0 / 6.0	10.0 / 6.0	10.0 / 6.0	10.0 / 6.0	10.0 / 6.0
Max Air volume (m <sup>3</sup> /h)	1735 / 1040	2010 / 1200	2400 / 1440	2885 / 1730	3120 / 1870	3400 / 2050
Motor power input (W)	145	145	145	185	495	550
Capacitor (µF)	4	4	4	8	12	12
<b>DIMENSIONS</b>						
L: Total length (mm)	1080	1220	1510	1670	1820	2020
W: Total width (mm)	202	202	202	202	202	202
H: Height (mm)	203	203	203	203	203	203
w: Outlet width (mm)	54	54	54	54	54	54
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Motor speed (rpm)	1370 / 1100	1370 / 1100	1370 / 1100	1370 / 1100	1370 / 1100	1370 / 1100
Ingress Protection	IP20	IP20	IP20	IP20	IP20	IP20



\*Company OLEFINI reserves the right to alter given product specifications without further notice.

# ELECTRICALLY HEATED "INTELLECT" SERIES

(door height up to 2,3 m)

motor position:  
LEFT  
RIGHT

**0,8m**

**1,0m**

motor position:  
MIDDLE

**1,2m**

**1,6m**

**2,0m**

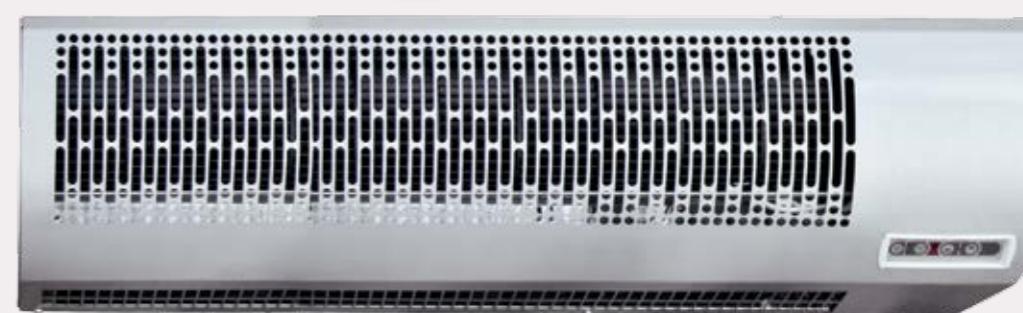
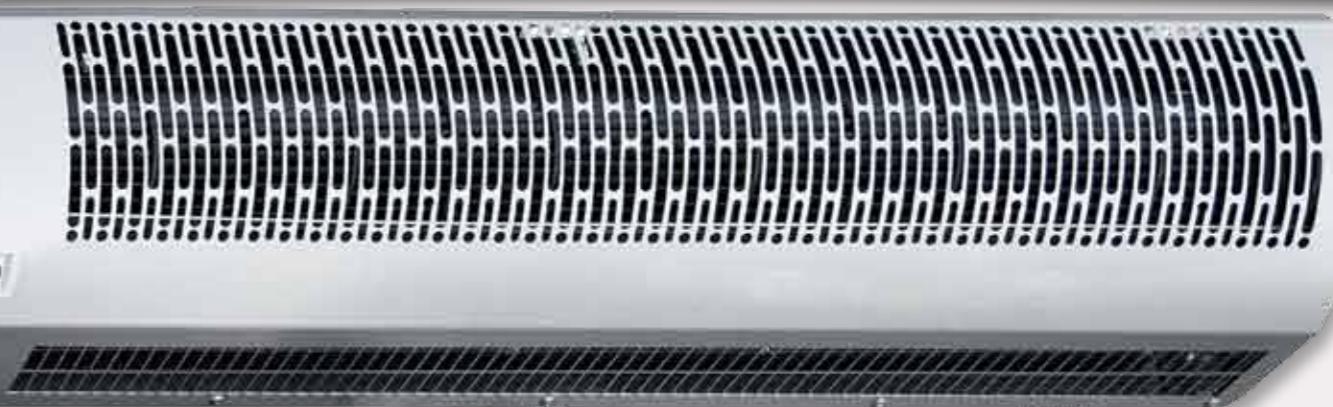
MAXIMUM DOOR WIDTH

- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- Low Noise Level
- Inox body (430 stainless steel)
- Motor position: Left or Right
- Competitive Price
- Room thermostat
- Door Switch

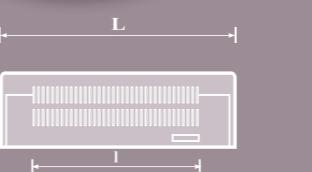
Infrared  
Remote  
Control



**FOR USE IN:**  
SMALL SHOPS, JEWELRIES, HAIRDRESSER SALONS, HEALTH SPAS,  
BARS, CAFETERIAS, PASTRY SHOP, BREWERIES, SMALL HOTELS,  
BANKS, SCHOOLS, SUPER MARKETS, FOOD FACTORIES,  
MEAT FACTORIES, FISH MONGER SHOPS,



- OPERATION WAYS**
- New INTELLECT control system
  - Switch ON/OFF
  - △ Speed gain (FAN SPEED)
  - ▽ Speed reduction (FAN SPEED)
  - Thermal load (HEAT POWER)



TYPE	INTELLECT 08 R/L	INTELLECT 10 R/L	INTELLECT 12	INTELLECT 16	INTELLECT 20
Max door width (m)	0.8	1.0	1.2	1.6	2.0
Max door height (m)	2.3	2.3	3.0	3.0	3.0
Max Outlet velocity (m/sec)	7.5 / 4.0	7.5 / 5.5	8.0 / 5.0	8.0 / 5.0	8.0 / 5.0
Max Air volume (m <sup>3</sup> /h)	960 / 510	1250 / 880	1700 / 1000	2445 / 1440	2800 / 1750
Motor power input (W)	120	240	145	185	550
Capacitor (μF)	4	4	4	8	12
Noise level in 1 m [dB(A)]	60 / 58	60 / 58	60 / 58	60 / 58	60 / 58
L: Total length (mm)	842	1070	1220	1670	2020
W: Total width (mm)	202	202	202	202	202
H: Height (mm)	203	203	203	203	203
I: Outlet length (mm)	663	893	1180	1630	1980
w: Outlet width (mm)	54	54	54	54	54
Weight (kgr)	9	12	15.5	19.0	21.0
Thermal power (kW)	6	6	9	9	12
Max current cons. (A)	9 / per phase	9 / per phase	13.5 / per phase	13.5 / per phase	18 / per phase
T outlet - T inlet (°C)	15 - 35	45 - 65	20	20	20
Power supply (V/Hz/N-)	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
Motor speed (rpm)	1350 / 1000	1350 / 1000	1350 / 1000	1350 / 1000	1350 / 1000
Heating stages	3	3	3	3	3
Ingress Protection	IP20	IP20	IP20	IP20	IP20

\*Company OLEFINI reserves the right to alter given product specifications without further notice.

# ELECTRICALLY HEATED "S" SERIES

(door height up to 2,3 m)

motor position:  
RIGHT

0,8m

motor position:  
LEFT  
RIGHT

1,0m

MAXIMUM DOOR WIDTH

**FOR USE IN:**  
 SMALL SHOPS, JEWELRIES, HAIRDRESSER SALONS,  
 HEALTH SPAS, CAFETERIAS, PASTRY SHOP, BREWERIES,  
 SMALL HOTELS, BANKS, SUPER MARKETS, FOOD FACTORIES,  
 MEAT FACTORIES, FISH MONGER SHOPS, SMALL COLD STORAGE PLANTS



- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- Low Noise Level
- Motor position: Left or Right

#### OPTIONAL

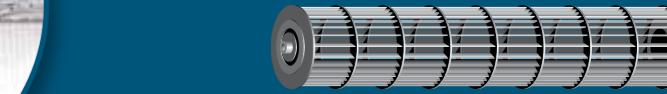
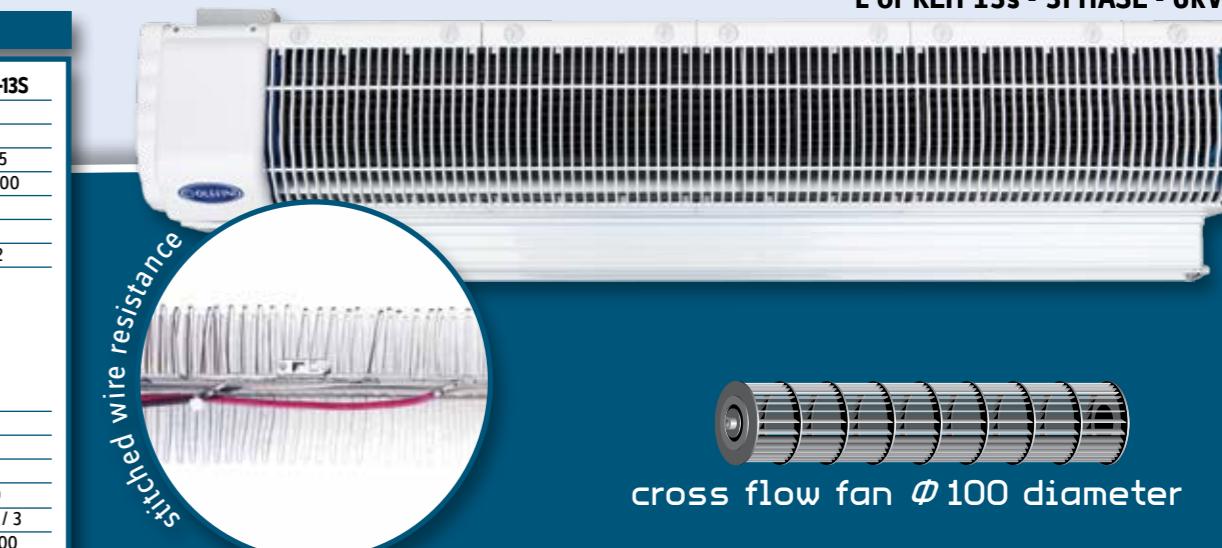
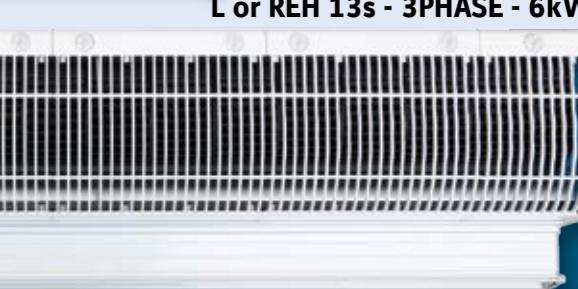
- Room Thermostat
- Door switch

#### OPERATION WAYS

- ON-OFF / HI-LOW (*switches*)
- ON-OFF / HI-LOW with infrared remote control (*I.R.*)



TECHNICAL DETAILS		
TYPE	MINI 800S	L or REH-13S
Max door width (m)	0.8	1.0
Max door height (m)	2.3	2.3
Max Outlet velocity (m/sec)	7.0 / 5.0	8.0 / 5.5
Max Air volume (m <sup>3</sup> /h)	1050 / 720	1600 / 1300
Motor power input (W)	120	120
Capacitor (μF)	4	4
Noise level in 1 m [dB(A)]	60 / 58	58 / 52
L: Total length (mm)	810	1045
W: Total width (mm)	166	166
H: Height (mm)	172	172
I: Outlet length (mm)	668	900
w: Outlet width (mm)	62	62
h: Outlet height (mm)	64	64
Weight (kgr)	10	11
Thermal power (kW)	4.5	6
Max current cons. (A) (per phase)	20	9
T outlet - T inlet (°C)	17 - 20	15 - 20
Power supply (V/Hz/N-)	230 / 50 / 1	400 / 50 / 3
Motor speed (rpm)	1310 / 1000	1310 / 1000
Heating stages	3	4
Ingress Protection	IP20	IP20



cross flow fan Ø 100 diameter

\*Company OLEFINI reserves the right to alter given product specifications without further notice.

# ELECTRICALLY HEATED "MINI" SERIES

(door height up to 2,0 m)

motor  
position:  
**MIDDLE**

**0,7m**

**MAXIMUM  
DOOR  
HEIGHT**



**FOR USE IN:**  
DRIVE THROUGHS, TOLL BOOTHS, KIOSKS, SMALL OPENINGS

## TECHNICAL DETAILS

### TYPE

**MINI 700**

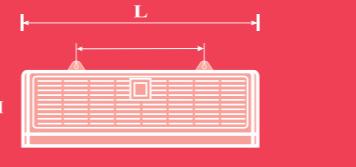
Max Door width (m)	0.7
Max Door height (m)	2.0
Max air velocity (m/sec)	3
Max air volume (m <sup>3</sup> /h)	300

### DIMENSIONS

W: Depth (mm)	121
L: Length (mm)	699
H: Height (mm)	202

### WEIGHT

Weight (kgr)	4
Heating stages	3
Heat output (kW)	2.0 / 4.0
Max current cons (A)	18
T outlet - T inlet (°C)	25
Power supply (V/Hz/N-)	230 / 50 / 1



**cross flow fan  
Ø 80 diameter**

\*Company OLEFINI reserves the right to alter given product specifications without further notice.

# SIMPLE or ELECTRICALLY HEATED PLASTIC

(door height up to 3,0 m)

motor position:  
MIDDLE

1,0m

**MAXIMUM DOOR WIDTH**

1,2m

1,6m

- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- Low Noise Level
- Plastic body
- 6, 9 or 12kW heating load\* (depending on models size)

**FOR USE IN:**  
 SMALL SHOPS, JEWELRIES, HAIRDRESSER SALONS, HEALTH SPAS, BARS,  
 CAFETERIAS, PASTRY SHOP, BREWERIES, SMALL HOTELS, BANKS, SCHOOLS,  
 SUPER MARKETS, FOOD FACTORIES, MEAT FACTORIES, FISH MONGER SHOPS,  
 SMALL COLD STORAGE PLANTS

## OPERATION WAYS

- ON-OFF / HI-LOW (switches)
- ON-OFF / HI-LOW with infrared remote control (I.R.)
- UD operation, 15 different speeds with infrared remote control (U.D.) \*only in "SIMPLE" models
- New eco control system (ECO) (consult supplier for availability)

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
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control panel (ON-OFF / HI-LOW)

motor position:  
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control panel (ON-OFF / HI-LOW)

motor position:  
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adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
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adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
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adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
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adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
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control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

motor position:  
MIDDLE

adjustable airflap

control panel (ON-OFF / HI-LOW)

# SIMPLE COMMERCIAL

(door height up to 2,5 m)

motor position:  
LEFT  
RIGHT

0,7m

0,8m

1,0m

motor position:  
MIDDLE

1,2m

1,4m

1,6m

1,8m

2,0m

MAXIMUM DOOR WIDTH



Infrared  
Remote  
Control

Remote  
Control

left or right motor side

- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity

- Slim Line Design
- Easy Installation
- Low Noise Level
- Motor position: Center, Left, Right

## OPTIONAL

- Filter
- Vertical mount
- Door switch
- Inox body (430 stainless steel)

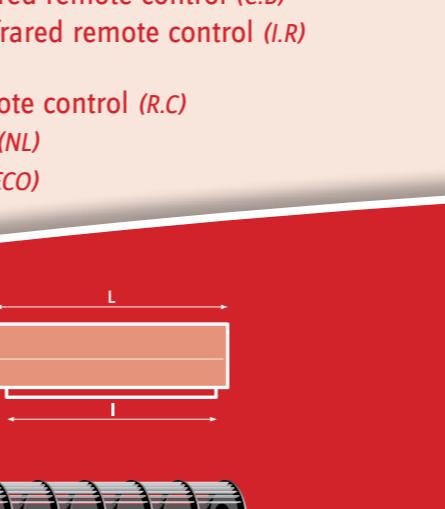


## FOR USE IN:

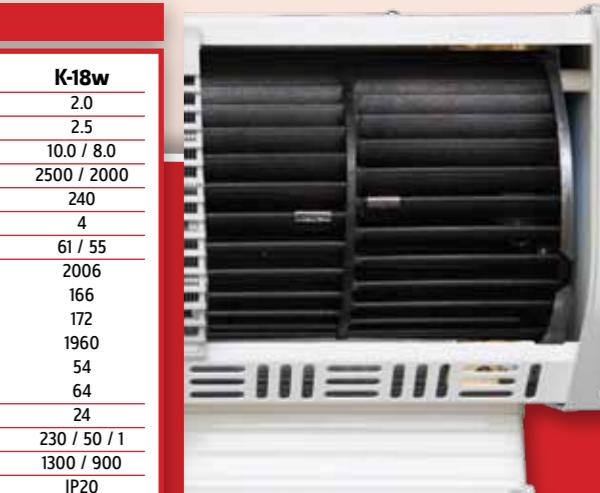
SMALL SHOPS, JEWELRIES, HAIRDRESSER SALONS,

HEALTH SPAS, BARS, CAFETERIAS, PASTRY SHOP, BREWERIES,  
SMALL HOTELS, BANKS, SCHOOLS, SUPER MARKETS, FOOD FACTORIES,  
MEAT FACTORIES, FISH MONGER SHOPS, SMALL COLD STORAGE PLANTS

cross flow fan  $\varnothing 100$  diameter



TECHNICAL DETAILS							
TYPE	L or R-11w	L or R-12w	L or R-13w	K-14w	K-15w	K-16w	K-17w
Max door width (m)	0.7	0.8	1.0	1.2	1.4	1.6	1.8
Max door height (m)	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Max Outlet velocity (m/sec)	10.0 / 8.0	10.0 / 8.0	10.0 / 8.0	10.0 / 8.0	10.0 / 8.0	10.0 / 8.0	10.0 / 8.0
Max Air volume (m³/h)	1000 / 800	1150 / 900	1300 / 1050	1400 / 1100	1700 / 1350	2000 / 1600	2200 / 1800
Motor power input (W)	120	120	120	240	240	240	240
Capacitor (μF)	4	4	4	4	4	4	4
Noise level in 1 m [dB(A)]	54 / 45	54 / 45	54 / 45	60 / 53	60 / 53	60 / 53	61 / 55
L: Total length (mm)	847	945	1045	1206	1406	1606	1806
W: Total width (mm)	166	166	166	166	166	166	166
H: Height (mm)	172	172	172	172	172	172	172
I: Outlet length (mm)	700	800	900	1160	1360	1560	1760
w: Outlet width (mm)	54	54	54	54	54	54	54
h: Outlet height (mm)	64	64	64	64	64	64	64
Weight (kg)	8	9.5	11	15	17	19	22
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Motor speed (rpm)	1300 / 900	1300 / 900	1300 / 900	1300 / 900	1300 / 900	1300 / 900	1300 / 900
Ingress Protection	IP20						



# ELECTRICALLY HEATED COMMERCIAL

(door height up to 2,3 m)



1,0m

motor position:  
MIDDLE

1,2m

1,4m

1,6m

1,8m

2,0m

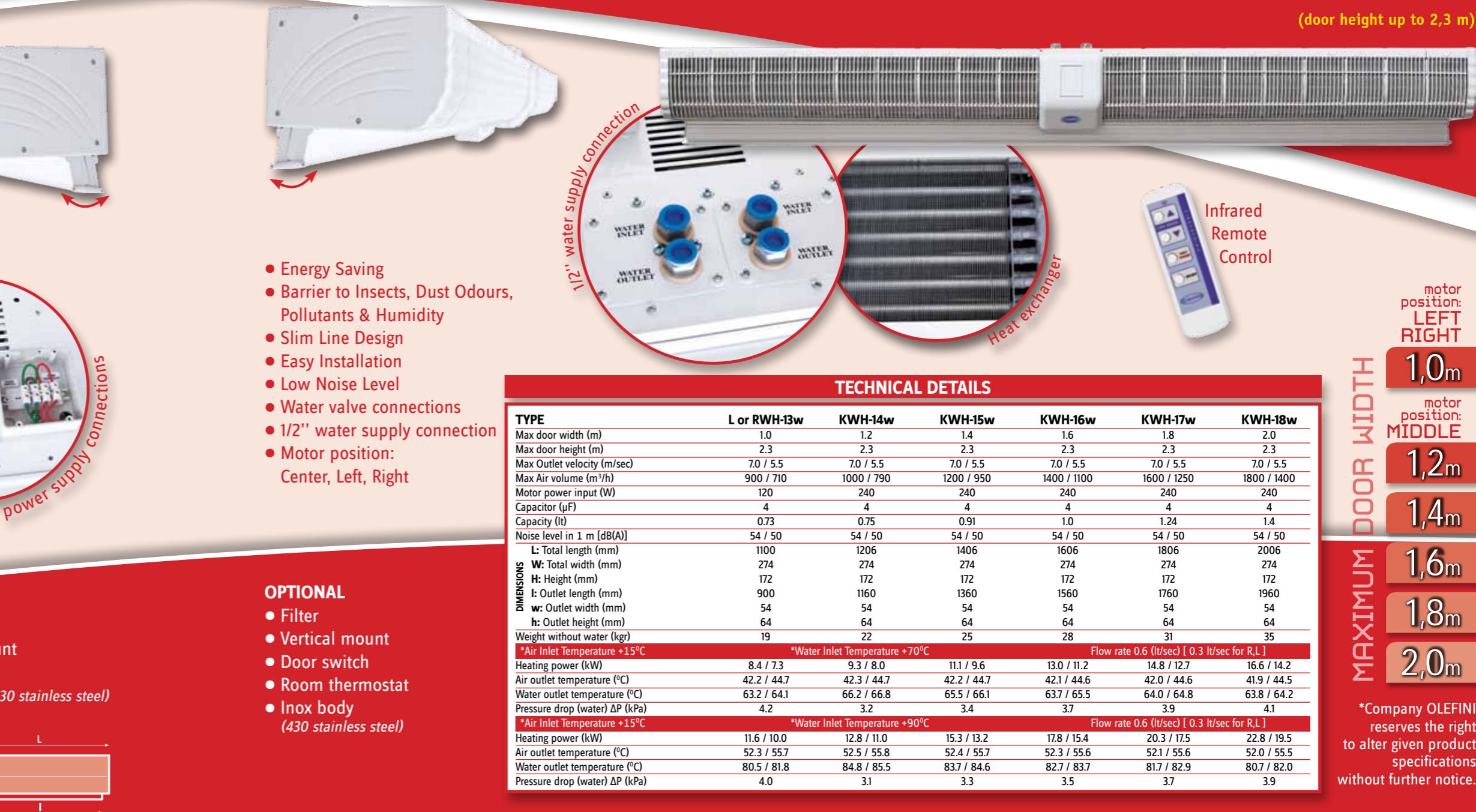
MAXIMUM DOOR WIDTH

## TECHNICAL DETAILS

TYPE	L or REH-13w	KEH-14w	KEH-15w	KEH-16w	KEH-17w	KEH-18w
Max door width (m)	1.0	1.2	1.4	1.6	1.8	2.0
Max door height (m)	2.3	2.3	2.3	2.3	2.3	2.3
Max Outlet velocity (m/sec)	9.0 / 7.0	9.0 / 7.0	9.0 / 7.0	9.0 / 7.0	9.0 / 7.0	9.0 / 7.0
Max Air volume (m <sup>3</sup> /h)	900 / 900	1280 / 990	1500 / 1200	1750 / 1400	2000 / 1600	2300 / 1800
Motor power input (W)	120	240	240	240	240	240
Capacitor (μF)	4	4	4	4	4	4
Noise level in 1 m [dB(A)]	54 / 43	55 / 45	56 / 50	56 / 50	59 / 52	59 / 52
L: Total length (mm)	1100	1206	1406	1606	1806	2006
W: Total width (mm)	274	274	274	274	274	274
H: Height (mm)	172	172	172	172	172	172
I: Outlet length (mm)	900	1160	1360	1560	1760	1960
w: Outlet width (mm)	54	54	54	54	54	54
h: Outlet height (mm)	64	64	64	64	64	64
Weight (kg)	21	24	27	30	33	37
Thermal power (kW)	6 / 9	9	9	12	12 / 15	12 / 15
Max current cons. (A)(per phase)	9 / 13.5	13.5	13.5	18	18 / 22.5	18 / 22.5
T outlet - T inlet (°C)	20-26 / 28-36	28-36	27-35	25-33	16-21 / 20-25	16-21 / 20-25
Power supply (V/Hz/N-)	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
Motor speed (rpm)	1310 / 1000	1310 / 1000	1310 / 1000	1310 / 1000	1310 / 1000	1310 / 1000
Heating stages	4	4	4	4	4	4
Ingress Protection	IP20	IP20	IP20	IP20	IP20	IP20

# HOT WATER HEATED COMMERCIAL

(door height up to 2,3 m)



## TECHNICAL DETAILS

TYPE	L or RWH-13w	KWH-14w	KWH-15w	KWH-16w	KWH-17w	KWH-18w
Max door width (m)	1.0	1.2	1.4	1.6	1.8	2.0
Max door height (m)	2.3	2.3	2.3	2.3	2.3	2.3
Max Outlet velocity (m/sec)	7.0 / 5.5	7.0 / 5.5	7.0 / 5.5	7.0 / 5.5	7.0 / 5.5	7.0 / 5.5
Max Air volume (m <sup>3</sup> /h)	900 / 710	1000 / 790	1200 / 950	1400 / 1100	1600 / 1250	1800 / 1400
Motor power input (W)	120	240	240	240	240	240
Capacitor (μF)	4	4	4	4	4	4
Capacity (lt)	0.73	0.75	0.91	1.0	1.24	1.4
Noise level in 1 m [dB(A)]	54 / 50	54 / 50	54 / 50	54 / 50	54 / 50	54 / 50
L: Total length (mm)	1100	1206	1406	1606	1806	2006
W: Total width (mm)	274	274	274	274	274	274
H: Height (mm)	172	172	172	172	172	172
I: Outlet length (mm)	900	1160	1360	1560	1760	1960
w: Outlet width (mm)	54	54	54	54	54	54
h: Outlet height (mm)	64	64	64	64	64	64
Weight without water (kg)	19	22	25	28	31	35
*Air Inlet Temperature +15°C						
Water Inlet Temperature +70°C						
Flow rate 0.6 (lt/sec) [ 0.3 lt/sec for R,L ]						
Heating power (kW)	8.4 / 7.3	9.3 / 8.0	11.1 / 9.6	13.0 / 11.2	14.8 / 12.7	16.6 / 14.2
Air outlet temperature (°C)	42.2 / 44.7	42.3 / 44.7	42.2 / 44.7	42.1 / 44.6	42.0 / 44.6	41.9 / 44.5
Water outlet temperature (°C)	63.2 / 64.1	66.2 / 66.8	65.5 / 66.1	63.7 / 65.5	64.0 / 64.8	63.8 / 64.2
Pressure drop (water) ΔP (kPa)	4.2	3.2	3.4	3.7	3.9	4.1
*Air Inlet Temperature +15°C						
Water Inlet Temperature +90°C						
Flow rate 0.6 (lt/sec) [ 0.3 lt/sec for R,L ]						
Heating power (kW)	11.6 / 10.0	12.8 / 11.0	15.3 / 13.2	17.8 / 15.4	20.3 / 17.5	22.8 / 19.5
Air outlet temperature (°C)	52.3 / 55.7	52.5 / 55.8	52.4 / 55.7	52.1 / 55.6	52.0 / 55.5	52.0 / 55.5
Water outlet temperature (°C)	80.5 / 81.8	84.8 / 85.5	83.7 / 84.6	82.7 / 83.7	81.7 / 82.9	80.7 / 82.0
Pressure drop (water) ΔP (kPa)	4.0	3.1	3.3	3.5	3.7	3.9

\*Company OLEFINI  
reserves the right  
to alter given product  
specifications  
without further notice.

# SIMPLE GENERAL

(door height up to 4,0 m)

motor position:  
LEFT  
RIGHT

**1,0m**

motor position:  
MIDDLE

**1,2m**

**1,4m**

**1,6m**

**1,8m**

**2,0m**

MAXIMUM DOOR WIDTH



- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Controlled Microclimate
- Slim Line Design
- Easy Installation
- Conventional or Infrared Remote Control
- Motor position: Center, Left, Right



## OPTIONAL

- Filter
- Vertical mount
- Door switch
- Inox body (430 stainless steel)



cross flow fan  $\varnothing$  120 diameter

**FOR USE IN:**  
DEPARTMENTS STORES, LARGE HOTELS, LARGE FAST FOODS,  
LARGE SUPER MARKETS, COLD STORAGE PLANTS, AIRPORTS,  
BUSS STATIONS & in general LARGE, CROWDED & FREQUENTLY VISITED PLACES



## OPERATION WAYS

- ON-OFF / HI-LOW with wired remote control (C.B)
- ON-OFF / HI-LOW with infrared remote control (I.R)
- ON-OFF / HI-LOW with wired + infrared remote control (R.C)
- New logic control system (NL)
- New eco control system (ECO)



Remote Control

TECHNICAL DETAILS					
TYPE	L or R-33w	K-34w	K-35w	K-36w	K-38w
Max door width (m)	1.0	1.2	1.4	1.6	1.8
Max door height (m)	4.0	4.0	4.0	4.0	4.0
Max Outlet velocity (m/sec)	13.0 / 11.0	13.0 / 11.0	13.0 / 11.0	13.0 / 11.0	13.0 / 11.0
Max Air volume (m <sup>3</sup> /h)	2510 / 2125	2800 / 2370	3370 / 2850	3930 / 3330	4500 / 3800
Motor power input (W)	350	350	660	660	660
Capacitor (μF)	8	8	12	12	12
Noise level in 1 m [dB(A)]	63 / 62	66 / 64	66 / 64	66 / 64	67 / 64
L: Total length (mm)	1149	1242	1442	1642	1842
W: Total width (mm)	212	212	212	212	212
H: Height (mm)	205	205	205	205	205
I: Outlet length (mm)	900	1199	1400	1601	1802
w: Outlet width (mm)	76	76	76	76	76
h: Outlet height (mm)	64	64	64	64	64
Weight (kg)	19	22	24	26	28
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Motor speed (rpm)	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050
Ingress Protection	IP20	IP20	IP20	IP20	IP20



# ELECTRICALLY HEATED GENERAL

(door height up to 3,5 m)

motor position:  
LEFT  
RIGHT

1,0m

1,6m

1,8m

motor position:  
MIDDLE

1,2m

1,4m

1,6m

1,8m

2,0m

**MAXIMUM DOOR WIDTH**

- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- Low Noise Level
- 9, 12, 15 or 18 kW heating load (depending on models size)
- Motor position: Center, Left, Right

## TECHNICAL DETAILS

TYPE	L or REH-33w	KEH-34w	KEH-35w	L or REH-36w	KEH-36w	L or REH-37w	KEH-37w	KEH-38w
Max door width (m)	1.0	1.2	1.4	1.6	1.6	1.8	1.8	2.0
Max door height (m)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Max Outlet velocity (m/sec)	12.0 / 10.0	12.0 / 10.0	12.0 / 10.0	12.0 / 10.0	12.0 / 10.0	12.0 / 10.0	12.0 / 10.0	12.0 / 10.0
Max Air volume (m <sup>3</sup> /h)	2320 / 1930	2590 / 2160	3110 / 2600	4150 / 3460	3630 / 3024	4665 / 3895	4150 / 3460	4675 / 3895
Motor power input (W)	350	350	660	660	660	660	660	660
Capacitor (μF)	8	8	12	12	12	12	12	12
Noise level in 1 m [dB(A)]	62 / 60	65 / 62	65 / 62	65 / 62	65 / 62	66 / 62	66 / 60	66 / 60
L: Total length (mm)	1149	1242	1442	1852	1642	2053	1842	2042
W: Total width (mm)	277	277	277	277	277	277	277	277
H: Height (mm)	205	205	205	205	205	205	205	205
I: Outlet length (mm)	900	1199	1400	1601	1601	1802	1802	2003
w: Outlet width (mm)	76	76	76	76	76	76	76	76
h: Outlet height (mm)	64	64	64	64	64	64	64	64
Weight (kgr)	28	31	34	39	37	43	39	41
Thermal power (kW)	9 / 12	12 / 15	12 / 15	12 / 15	15 / 18	15 / 18	15 / 18	15 / 18
Max current cons. (A) (per phase)	13 / 18	18 / 22	18 / 22	18 / 22	22 / 27	22 / 27	22 / 27	22 / 27
T outlet - T inlet (°C)	18-20 / 20-24	16-18 / 18-20	15-17 / 17-19	14-16 / 16-18	14-16 / 16-18	15-17 / 17-19	15-17 / 19-22	14-16 / 17-20
Power supply (V/Hz/N-)	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
Motor speed (rpm)	1380 / 1150	1380 / 1150	1380 / 1150	1380 / 1150	1380 / 1150	1380 / 1150	1380 / 1150	1380 / 1150
Heating stages	4	4	4	4	4	4	4	4
Ingress Protection	IP20							



## TECHNICAL DETAILS

TYPE	L or RWH-33w	KWH-34w	KWH-35w	KWH-36w	KWH-37w	KWH-38w
Max door width (m)	1.0	1.2	1.4	1.6	1.8	2.0
Max door height (m)	3.5	3.5	3.5	3.5	3.5	3.5
Max Outlet velocity (m/sec)	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5
Max Air volume (m <sup>3</sup> /h)	1740 / 1450	1950 / 1625	2340 / 1950	2730 / 2275	3125 / 2600	3515 / 2930
Motor power input (W)	350	350	660	660	660	660
Capacitor (μF)	8	8	12	12	12	12
Capacity (lt)	0.8	0.8	1.0	1.2	1.4	1.6
Noise level in 1 m [dB(A)]	65 / 62	65 / 62	65 / 62	65 / 62	65 / 62	65 / 62
L: Total length (mm)	1148	1242	1442	1642	1842	2042
W: Total width (mm)	277	277	277	277	277	277
H: Height (mm)	205	205	205	205	205	205
I: Outlet length (mm)	900	1199	1400	1601	1802	2003
w: Outlet width (mm)	76	76	76	76	76	76
h: Outlet height (mm)	64	64	64	64	64	64
Weight without water (kgr)	26	30	32	35	37	39
*Air Inlet Temperature +15°C						
Heating power (kW)	12.5 / 11.3	14.1 / 12.8	17.0 / 15.4	20.0 / 17.9	22.4 / 20.3	25.1 / 22.8
Air outlet temperature (°C)	35.8 / 37.7	36.1 / 37.9	36.1 / 37.9	36.1 / 37.9	35.9 / 37.7	35.7 / 37.6
Water outlet temperature (°C)	59.9 / 60.8	64.3 / 64.8	63.1 / 63.8	60.7 / 62.7	60.9 / 61.7	59.8 / 60.8
Pressure drop (water) ΔP (kPa)	3.6	2.9	3.1	3.3	3.4	3.6
*Air Inlet Temperature +15°C						
Heating power (kW)	17.2 / 15.6	19.5 / 17.7	23.4 / 21.2	28.0 / 24.6	30.9 / 28.0	34.6 / 31.4
Air outlet temperature (°C)	43.7 / 46.3	44.1 / 46.6	44.1 / 46.6	39.8 / 46.5	43.8 / 46.3	43.6 / 46.1
Water outlet temperature (°C)	75.9 / 77.2	82.0 / 82.8	80.4 / 81.3	77.0 / 79.9	77.3 / 78.5	75.9 / 77.2
Pressure drop (water) ΔP (kPa)	3.5	2.8	2.9	3.1	3.3	3.5
Flow rate 0.6 (l/sec) [ 0.3 lt/sec for R,L ]						
Flow rate 0.6 (l/sec) [ 0.3 lt/sec for R,L ]						

TYPE	L or RWH-33w	KWH-34w	KWH-35w	KWH-36w	KWH-37w	KWH-38w
Max door width (m)	1.0	1.2	1.4	1.6	1.8	2.0
Max door height (m)	3.5	3.5	3.5	3.5	3.5	3.5
Max Outlet velocity (m/sec)	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5
Max Air volume (m <sup>3</sup> /h)	1740 / 1450	1950 / 1625	2340 / 1950	2730 / 2275	3125 / 2600	3515 / 2930
Motor power input (W)	350	350	660	660	660	660
Capacitor (μF)	8	8	12	12	12	12
Capacity (lt)	0.8	0.8	1.0	1.2	1.4	1.6
Noise level in 1 m [dB(A)]	65 / 62	65 / 62	65 / 62	65 / 62	65 / 62	65 / 62
L: Total length (mm)	1148	1242	1442	1642	1842	2042
W: Total width (mm)	277	277	277	277	277	277
H: Height (mm)	205	205	205	205	205	205
I: Outlet length (mm)	900	1199	1400	1601	1802	2003
w: Outlet width (mm)	76	76	76	76	76	76
h: Outlet height (mm)	64	64	64	64	64	64
Weight without water (kgr)	26	30	32	35	37	39
*Water Inlet Temperature +70°C						
Heating power (kW)	12.5 / 11.3	14.1 / 12.8	17.0 / 15.4	20.0 / 17.9	22.4 / 20.3	25.1 / 22.8
Air outlet temperature (°C)	36.1 / 37.9	36.1 / 37.9	36.1 / 37.9	36.1 / 37.9	35.9 / 37.7	35.7 / 37.6
Water outlet temperature (°C)	64.3 / 64.8	64.3 / 64.8	63.1 / 63.8	60.7 / 62.7	60.9 / 61.7	59.8 / 60.8
Pressure drop (water) ΔP (kPa)	3.6	2.9	3.1	3.3	3.4	3.6
*Water Inlet Temperature +90°C						
Heating power (kW)	17.2 / 15.6	19.5 / 17.7	23.4 / 21.2	2		

# SIMPLE INDUSTRIAL

(door height up to 6,0 m)



motor position:  
LEFT  
RIGHT

**1,0m**

motor position:  
MIDDLE

**1,2m**

Infrared Remote Control

**1,6m**

2,0m

**MAXIMUM DOOR WIDTH**

air curtains with motor side left or right



Remote Control

FOR USE IN:

LARGE INDUSTRIAL SPACES, DOORS & PASS THROUGH OPENINGS,  
AIRPORTS, BUSS STATIONS, STORAGE AREAS, LARGE COLD STORAGE  
PLANTS, GARAGES, STADIUMS



cross flow fan Ø 133 diameter



## OPTIONAL

- Filter
- Vertical mount
- Door switch
- Inox body (430 stainless steel)

## TECHNICAL DETAILS

TYPE	L or R-22	L or R-23	K-24	K-26	K-28
Max door width (m)	1.0	1.2	1.2	1.6	2.0
Max door height (m)	6.0	6.0	6.0	6.0	6.0
Max Outlet velocity (m/sec)	14.0 / 12.0	14.0 / 12.0	14.0 / 12.0	14.0 / 12.0	14.0 / 12.0
Max Air volume (m <sup>3</sup> /h)	3050 / 2615	3715 / 3185	3035 / 2600	4245 / 3640	5580 / 5280
Motor power input (W)	660	660	660	660	660
Capacitor (μF)	12	12	12	12	15
Noise level in 1 m [dB(A)]	68 / 65	68 / 65	68 / 65	68 / 65	68 / 65
L: Total length (mm)	1270	1491	1259	1663	2097
W: Total width (mm)	231	231	231	231	231
H: Height (mm)	227	227	227	227	227
I: Outlet length (mm)	1015	1236	1200	1603	2044
w: Outlet width (mm)	76	76	76	76	76
h: Outlet height (mm)	64	64	64	64	64
Weight (kgr)	24	27	27	31	36
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Motor speed (rpm)	1370 / 1100	1370 / 1100	1370 / 1100	1370 / 1100	1370 / 1100
Ingress Protection	IP20	IP20	IP20	IP20	IP20



# ELECTRICALLY HEATED INDUSTRIAL

(door height up to 5,0 m)



motor position:  
LEFT  
RIGHT

1,0m

1,2m

1,8m

motor position:  
MIDDLE

1,2m

1,6m

2,0m

**MAXIMUM DOOR WIDTH**

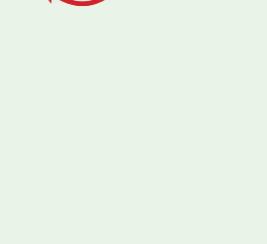
- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- 15 or 18 kW heating load (depending on models size)
- Motor position: Center, Left, Right



Infrared Remote Control



Remote Control



OPTIONAL

- Filter
- Vertical mount
- Door switch
- Room thermostat



- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- Low Noise Level
- Water valve connections
- 1/2" water supply connection
- Motor position: Center, Left, Right

**DIMENSIONS**

L: Total length (mm)

W: Total width (mm)

H: Height (mm)

I: Outlet length (mm)

w: Outlet width (mm)

h: Outlet height (mm)

Weight (kgr)

Thermal power (kW)

Max current cons. (A) (per phase)

T outlet - T inlet (°C)

Power supply (V/Hz/N-)

Motor speed (rpm)

Heating stages

Ingress Protection

TYPE	L or REH-22	L or REH-23	L or REH-27	KEH-24	KEH-26	KEH-28
Max door width (m)	1,0	1,2	1,8	1,2	1,6	2,0
Max door height (m)	5	5	5	5	5	5
Max Outlet velocity (m/sec)	13,0 / 11,0	13,0 / 11,0	13,0 / 11,0	13,0 / 11,0	13,0 / 11,0	13,0 / 11,0
Max Air volume (m <sup>3</sup> /h)	2830 / 2400	3450 / 2920	5050 / 4285	2815 / 2380	3940 / 3335	5180 / 4385
Motor power input (W)	660	660	660	660	660	660
Capacitor (μF)	12	12	15	12	12	12
Noise level in 1 m [dB(A)]	67 / 64	67 / 64	67 / 64	67 / 64	67 / 64	67 / 64
<b>DIMENSIONS</b>	<b>L:</b> Total length (mm)	<b>1270</b>	<b>1491</b>	<b>2090</b>	<b>1259</b>	<b>1663</b>
	<b>W:</b> Total width (mm)	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>
	<b>H:</b> Height (mm)	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>
	<b>I:</b> Outlet length (mm)	<b>1015</b>	<b>1236</b>	<b>1803</b>	<b>1200</b>	<b>1603</b>
	<b>w:</b> Outlet width (mm)	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>
	<b>h:</b> Outlet height (mm)	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>
	<b>Weight (kgr)</b>	<b>36</b>	<b>40</b>	<b>52</b>	<b>40</b>	<b>45</b>
	<b>Thermal power (kW)</b>	<b>15 / 18</b>	<b>15 / 18</b>	<b>15 / 18</b>	<b>15 / 18</b>	<b>18</b>
	<b>Max current cons. (A) (per phase)</b>	<b>22 / 26</b>	<b>22 / 26</b>	<b>22 / 26</b>	<b>22 / 26</b>	<b>26</b>
	<b>T outlet - T inlet (°C)</b>	<b>17-18 / 19-20</b>	<b>17-18 / 19-20</b>	<b>17 / 18</b>	<b>17-18 / 19-20</b>	<b>19-20</b>
	<b>Power supply (V/Hz/N-)</b>	<b>400 / 50 / 3</b>	<b>400 / 50 / 3</b>	<b>400 / 50 / 3</b>	<b>400 / 50 / 3</b>	<b>400 / 50 / 3</b>
	<b>Motor speed (rpm)</b>	<b>1380 / 1150</b>	<b>1380 / 1150</b>	<b>1380 / 1150</b>	<b>1380 / 1150</b>	<b>1380 / 1150</b>
	<b>Heating stages</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
	<b>Ingress Protection</b>	<b>IP20</b>	<b>IP20</b>	<b>IP20</b>	<b>IP20</b>	<b>IP20</b>

# HOT WATER HEATED INDUSTRIAL

(door height up to 5,0 m)



OPTIONAL

- Filter
- Vertical mount
- Door switch
- Inox body (430 stainless steel)

## TECHNICAL DETAILS

TYPE	L or RWH-22	L or RWH-23	KWH-24	KWH-26	KWH-28
Max door width (m)	1,0	1,2	1,2	1,6	2,0
Max door height (m)	5,0	5,0	5,0	5,0	5,0
Max Outlet velocity (m/sec)	11,0 / 8,5	11,0 / 8,5	11,0 / 8,5	11,0 / 8,5	11,0 / 8,5
Max Air volume (m <sup>3</sup> /h)	2425 / 1870	2935 / 2270	2390 / 1845	3350 / 2570	4395 / 3395
Motor power input (W)	660	660	660	660	660
Capacitor (μF)	12	12	12	12	12
Capacity (lt)	1,0	1,28	0,96	1,4	1,88
Noise level in 1 m [dB(A)]	64 / 60	64 / 60	67 / 64	67 / 64	67 / 64
<b>DIMENSIONS</b>	<b>L:</b> Total length (mm)	<b>1270</b>	<b>1491</b>	<b>1259</b>	<b>1663</b>
	<b>W:</b> Total width (mm)	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>
	<b>H:</b> Height (mm)	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>
	<b>I:</b> Outlet length (mm)	<b>1015</b>	<b>1236</b>	<b>1200</b>	<b>1603</b>
	<b>w:</b> Outlet width (mm)	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>
	<b>h:</b> Outlet height (mm)	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>
	<b>Weight without water (kgr)</b>	<b>31</b>	<b>34</b>	<b>32</b>	<b>48</b>
	<b>*Air Inlet Temperature +15°C</b>	<b>*Water Inlet Temperature +70°C</b>	<b>Flow rate 0,6 (lt/sec) [ 0,3 lt/sec for R,L ]</b>		
	<b>Heating power (kW)</b>	<b>16,0 / 14,0</b>	<b>19,0 / 17,0</b>	<b>16,0 / 14,0</b>	<b>23,0 / 20,0</b>
	<b>Air outlet temperature (°C)</b>	<b>34 / 37</b>	<b>34 / 36</b>	<b>35 / 37,5</b>	<b>34 / 37</b>
	<b>Water outlet temperature (°C)</b>	<b>57 / 58</b>	<b>54,5 / 56</b>	<b>63 / 64</b>	<b>58 / 59,5</b>
	<b>Pressure drop (water) ΔP (kPa)</b>	<b>3,5</b>	<b>3,8</b>	<b>2,7</b>	<b>3,0</b>
	<b>*Air Inlet Temperature +15°C</b>	<b>*Water Inlet Temperature +90°C</b>	<b>Flow rate 0,6 (lt/sec) [ 0,3 lt/sec for R,L ]</b>		
	<b>Heating power (kW)</b>	<b>22,0 / 19,5</b>	<b>26,0 / 23,0</b>	<b>23,0 / 20,0</b>	<b>31,5 / 27,5</b>
	<b>Air outlet temperature (°C)</b>	<b>41 / 45</b>	<b>41 / 45</b>	<b>43 / 46</b>	<b>42 / 45,5</b>
	<b>Water outlet temperature (°C)</b>	<b>72 / 74</b>	<b>68,5 / 71</b>	<b>81 / 82</b>	<b>77 / 79</b>
	<b>Pressure drop (water) ΔP (kPa)</b>	<b>3,3</b>	<b>3,6</b>	<b>2,6</b>	<b>2,9</b>

## TECHNICAL DETAILS

\*Company OLEFINI reserves the right to alter given product specifications without further notice.

# SIMPLE RECESSED

(door height up to 4,0 m)

1,2m

1,4m

1,6m

1,8m

2,0m

MAXIMUM DOOR WIDTH

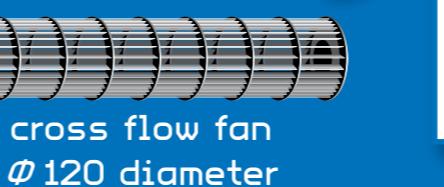
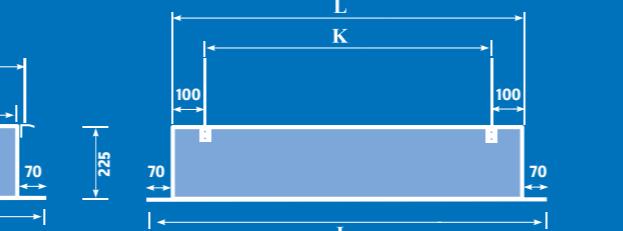
## OPERATION WAYS

- ON-OFF / HI-LOW with wired remote control (C.B)
- ON-OFF / HI-LOW with infrared remote control (I.R)
- New logic control system (NL)
- New eco control system (ECO)  
(consult supplier for availability)

## OPTIONAL

- Door switch

**FOR USE IN:**  
DEPARTMENTS STORES, LARGE HOTELS,  
LARGE FAST FOODS, LARGE SUPER MARKETS,  
COLD STORAGE PLANTS, AIRPORTS, BUSS STATIONS  
& in general LARGE, CROWDED  
& FREQUENTLY VISITED PLACES



## TECHNICAL DETAILS

### TYPE

	RS-34	RS-35	RS-36	RS-37	RS-38
Max door width (m)	1,2	1,4	1,6	1,8	2,0
Max door height (m)	4,0	4,0	4,0	4,0	4,0
Max Outlet velocity (m/sec)	11 / 9	11 / 9	11 / 9	11 / 9	11 / 9
Max Air volume (m <sup>3</sup> /h)	2600 / 2130	3110 / 2545	3620 / 2960	4130 / 3380	4632 / 3790
Motor power input (W)	350	660	660	660	660
Capacitor (μF)	8	12	12	12	12
Noise level in 1 m [dB(A)]	66 / 64	66 / 64	66 / 64	67 / 64	67 / 64
L: Unit length (mm)	1255	1455	1655	1855	2055
K: Mounting distance (mm)	1055	1255	1455	1655	1855
I: Total Unit length (mm)	1395	1595	1795	1995	2195
Weight (kgr)	32,5	38	43	47	52
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Motor speed (rpm)	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050

# ELECTRICALLY HEATED RECESSED

(door height up to 3,0 m)



- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Controlled Microclimate

## OPTIONAL

- Door switch
- Room Thermostat

### TECHNICAL DETAILS

TYPE	RSEH-34	RSEH-35	RSEH-36	RSEH-37	RSEH-38
Max door width (m)	1,2	1,4	1,6	1,8	2,0
Max door height (m)	3,0	3,0	3,0	3,0	3,0
Max Outlet velocity (m/sec)	10 / 8	10 / 8	10 / 8	10 / 8	10 / 8
Max Air volume (m³/h)	2350 / 1880	2800 / 2240	3290 / 2630	3750 / 3000	4210 / 3365
Motor power input (W)	350	660	660	660	660
Capacitor (μF)	8	12	12	12	12
Noise level in 1 m [dB(A)]	65 / 62	66 / 64	66 / 64	67 / 64	67 / 64
L: Unit length (mm)	1255	1455	1655	1855	2055
K: Mounting distance (mm)	1055	1255	1455	1655	1855
I: Total Unit length (mm)	1395	1595	1795	1995	2195
Weight (kgr)	34	40	45	50	55
Power supply (V/Hz/N-)	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
Motor speed (rpm)	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050
Thermal power (kW)	12	12	12	15 - 18	15 - 18
Max current cons. (A) (per phase)	18	18	18	22 - 27	22 - 27

# HOT WATER HEATED RECESSED

(door height up to 3,0 m)



- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Controlled Microclimate

### TECHNICAL DETAILS

TYPE	RSHW-34	RSHW-35	RSHW-36	RSHW-37	RSHW-38
Max door width (m)	1,2	1,4	1,6	1,8	2,0
Max door height (m)	3,0	3,0	3,0	3,0	3,0
Max Outlet velocity (m/sec)	9,0 / 7,5	9,0 / 7,5	9,0 / 7,5	9,0 / 7,5	9,0 / 7,5
Max Air volume (m³/h)	1950 / 1625	2340 / 1950	2730 / 2275	3125 / 2600	3515 / 2930
Motor power input (W)	350	660	660	660	660
Capacitor (μF)	8	12	12	12	12
Noise level in 1 m [dB(A)]	66 / 64	66 / 64	66 / 64	67 / 64	67 / 64
L: Unit length (mm)	1255	1455	1655	1855	2055
K: Mounting distance (mm)	1055	1255	1455	1655	1855
I: Total Unit length (mm)	1395	1595	1795	1995	2195
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Motor speed (rpm)	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050
Water volume (lt)	0,8	1,0	1,2	1,4	1,6
Weight (kgr)	36	43	48	53	58
*Air Inlet Temperature +15°C					
*Water Inlet Temperature +70°C					
Heating power (kW)	15 / 13	17 / 15	19 / 16	21 / 20	24 / 22
Water outlet temperature (°C)	58 / 59	56 / 57	54 / 56	52 / 54	51 / 52
Air outlet temperature (°C)	37 / 39	36 / 38	36 / 37	35 / 37	35 / 37
Pressure drop (water) ΔP (kPa)	4,1	4,4	4,8	5,2	5,5
*Air Inlet Temperature +15°C					
*Water Inlet Temperature +90°C					
Heating power (kW)	20 / 18	23 / 21	27 / 24	30 / 27	33 / 30
Water outlet temperature (°C)	74 / 75	71 / 72	68 / 70	66 / 67	64 / 65
Air outlet temperature (°C)	45 / 48	44 / 47	44 / 46	43 / 46	42 / 45
Pressure drop (water) ΔP (kPa)	3,9	4,2	4,6	4,9	5,3

1,2m

1,4m

1,6m

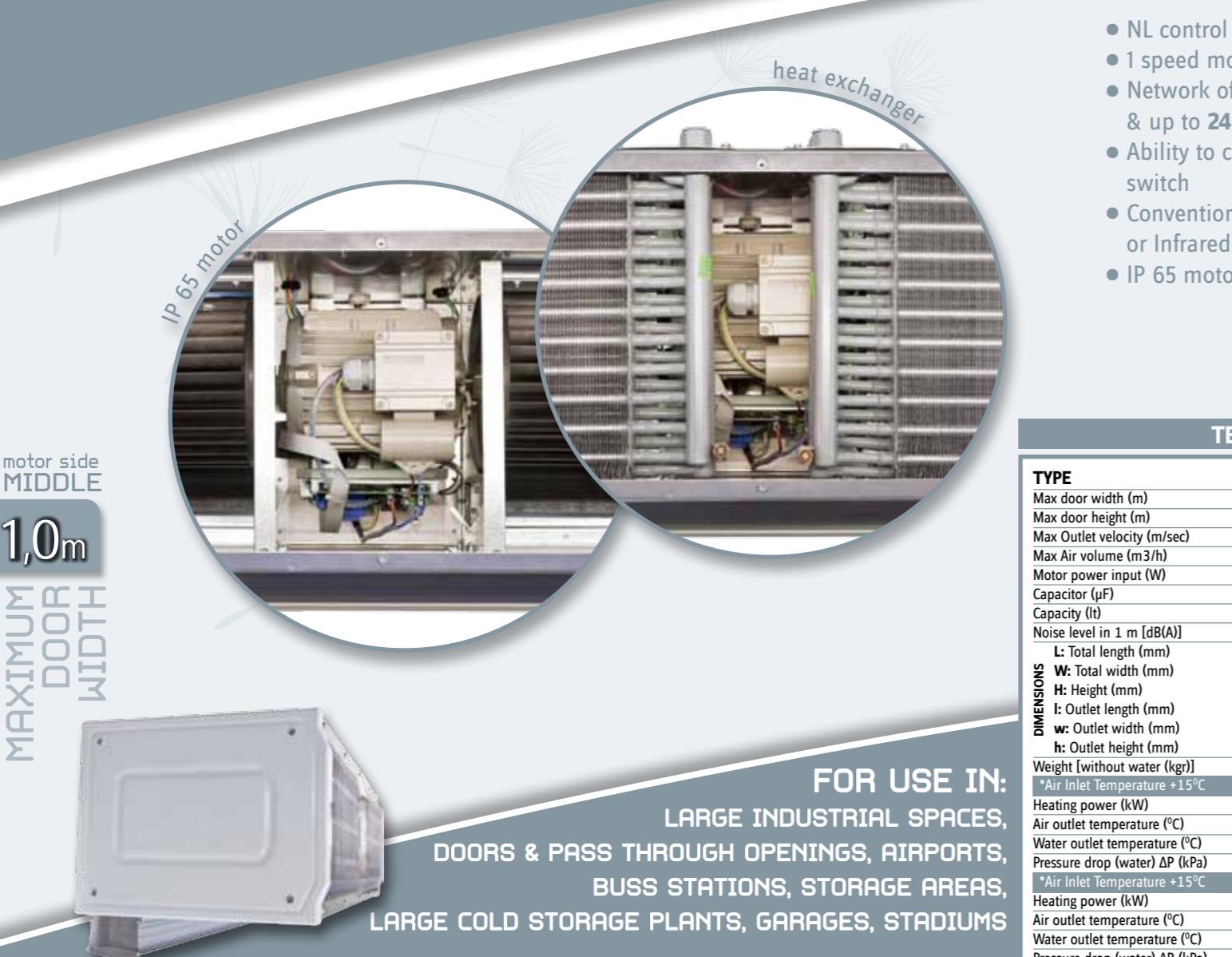
1,8m

2,0m

\*Company OLEFINI  
reserves the right  
to alter given product  
specifications  
without further notice.

# SIMPLE or HOT WATER HEATED HEAVY INDUSTRIAL SERIES

(door height up to 8.0 m)



- NL control operation
- 1 speed motor
- Network of 1 master & up to 240 slave units
- Ability to connect with a door switch
- Conventional or Infrared Remote Control
- IP 65 motors (simple model)

TECHNICAL DETAILS		
TYPE	K-83	KWH-83
Max door width (m)	1.0	1.0
Max door height (m)	8.0	8.0
Max Outlet velocity (m/sec)	21.0	18.0
Max Air volume (m <sup>3</sup> /h)	5600	4800
Motor power input (W)	1100	745
Capacitor (μF)	30	20
Capacity (lit)	-	1.0
Noise level in 1 m [dB(A)]	65	65
L: Total length (mm)	1085	1085
W: Total width (mm)	391	391
H: Height (mm)	303	303
I: Outlet length (mm)	1037	1037
w: Outlet width (mm)	92	92
h: Outlet height (mm)	63	63
Weight [without water (kg)]	32	35
*Air Inlet Temperature +15°C	*Water Inlet Temperature +70°C	Flow rate 0.6 (lt/sec)
Heating power (kW)	-	19.5
Air outlet temperature (°C)	-	30
Water outlet temperature (°C)	-	62
Pressure drop (water) ΔP (kPa)	-	2.4
*Air Inlet Temperature +15°C	*Water Inlet Temperature +90°C	Flow rate 0.6 (lt/sec)
Heating power (kW)	-	27
Air outlet temperature (°C)	-	36.5
Water outlet temperature (°C)	-	79
Pressure drop (water) ΔP (kPa)	-	2.3



# SIMPLE & HEATED "C" SERIES

(door height up to 4,0 m)

1,2m

1,6m

2,0m

MAXIMUM  
DOOR WIDTH



- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Controlled Microclimate
- Modern Design
- Easy Installation
- 4 different external faces combinations

#### OPTIONAL

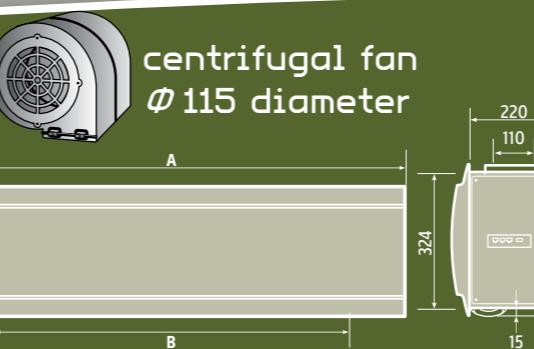
- Concealed face lighting
- Vertical mount
- Ability to print different external faces
- Able to connect with a BMS system

**FOR USE IN:**  
SALONS, HEALTH SPAS, BARS, CAFETERIAS,  
PASTRY SHOP, BREWERIES, SMALL HOTELS, BANKS,  
SCHOOLS, SUPER MARKETS, FISH MONGER SHOPS,  
SMALL COLD STORAGE PLANTS



#### OPERATION WAYS

- New eco control system (ECO)



TECHNICAL DETAILS						
TYPE	C-120	C-160	C-200	CEH-120	CEH-160	CEH-200
Max door width (m)	1.2	1.6	2.0	1.2	1.6	2.0
Max door height (m)	4.0	4.0	4.0	4.0	4.0	4.0
Max Outlet velocity (m/sec)	18.0 / 13.0	18.0 / 13.0	18.0 / 13.0	18.0 / 13.0	18.0 / 13.0	18.0 / 13.0
Max Air volume (m³/h)	2140 / 1545	3210 / 2315	4275 / 3090	2140 / 1545	3210 / 2315	4275 / 3090
Motor power input (W)	420	630	840	420	630	840
Capacitor (µF)	12	12	12	12	12	12
DIMENSIONS						
A: Total length (mm)	1300	1852	2417	1300	1852	2417
B: Air outlet length (mm)	1120	1670	2237	1120	1670	2237
Power supply (V/Hz/N-)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	400 / 50 / 3	400 / 50 / 3	400 / 50 / 3
Max Motor speed (rpm)	2700	2700	2700	2700	2700	2700
Heating power (kW)	-	-	-	15	18	18

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# SIMPLE & HEATED "ANEMOESSA" SERIES

(door height up to 4,0 m)

1,2m

1,6m

2,0m

MAXIMUM DOOR WIDTH

- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Controlled Microclimate
- Modern Design
- Easy Installation
- High Velocity & Static Pressure Fans



**FOR USE IN:**  
SALONS, HEALTH SPAS, BARS,  
CAFETERIAS, PASTRY SHOP,  
BREWERIES, SMALL HOTELS, BANKS,  
SCHOOLS, SUPER MARKETS,  
FISH MONGER SHOPS,  
SMALL COLD STORAGE PLANTS



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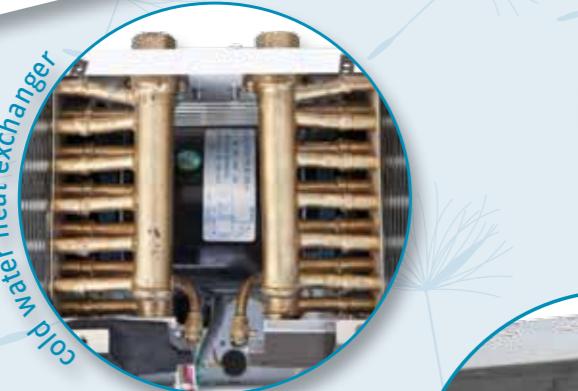
# HOT - COLD WATER HEATED GENERAL

(door height up to 3,5 m)

**MAXIMUM DOOR WIDTH**

motor side MIDDLE	1,2m
	1,4m
	1,6m
	1,8m
	2,0m

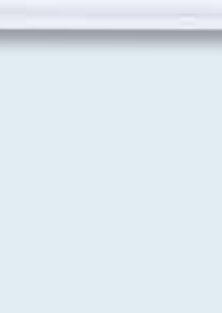
- Energy Saving
- Barrier to Insects, Dust Odours, Pollutants & Humidity
- Slim Line Design
- Easy Installation
- Low Noise Level
- Water valve connections
- 1/2" water supply connection
- Motor position: Center



- OPERATION WAYS**
- New logic control system (*NL*)
  - New eco control system (*ECO*)  
(consult supplier for availability)

Infrared  
Remote  
Control

Remote  
Control

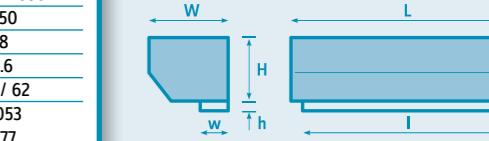


## FOR USE IN:

DEPARTMENTS STORES, LARGE HOTELS,  
LARGE FAST FOODS, LARGE SUPER MARKETS,  
COLD STORAGE PLANTS, AIRPORTS, BUSS STATIONS

& in general LARGE, CROWD & FREQUENTLY VISITED PLACES

TECHNICAL DETAILS					
TYPE	KWHC-34w	KWHC-35w	KWHC-36w	KWHC-37w	KWHC-38w
Max door width (m)	1.2	1.4	1.6	1.8	2.0
Max door height (m)	3.5	3.5	3.5	3.5	3.5
Max Outlet velocity (m/sec)	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5	9.0 / 7.5
Max Air volume (m <sup>3</sup> /h)	1950 / 1625	2340 / 1950	2730 / 2275	3125 / 2600	3515 / 2930
Motor power input (W)	350	350	350	350	350
Capacitor (μF)	8	8	8	8	8
Capacity (lt)	0.8	1.0	1.2	1.4	1.6
Noise level in 1 m [dB(A)]	65 / 62	65 / 62	65 / 62	65 / 62	65 / 62
L: Total length (mm)	1249	1450	1651	1852	2053
W: Total width (mm)	277	277	277	277	277
H: Height (mm)	205	205	205	205	205
I: Outlet length (mm)	1199	1400	1601	1802	2003
w: Outlet width (mm)	76	76	76	76	76
h: Outlet height (mm)	64	64	64	64	64
Weight without water (kgr)	30	32	35	37	39
*Air Inlet Temperature +15°C		*Water Inlet Temperature +90°C		Flow rate 0.6 (lt/sec)	
Heating power (kW)	18.5 / 17.0	22.0 / 20.0	26.0 / 23.0	29.0 / 26.0	32.5 / 29.5
Air outlet temperature (°C)	42.0 / 45.0	42.5 / 45.0	42.0 / 45.0	42.0 / 45.0	42.0 / 44.0
Water outlet temperature (°C)	82.5 / 83.0	81.0 / 82.0	80.0 / 81.0	78.0 / 79.0	77.0 / 78.0
Pressure drop (water) ΔP (kPa)	3.5 / 3.5	3.7 / 3.7	4.0 / 4.0	4.0 / 4.0	4.5 / 4.5
*Air Inlet Temperature 28°C / 55% RH		*Water Inlet Temperature 7°C - Water Outlet Temperature 12°C			
Heating power (kW)	5.0 / 4.0	7.0 / 6.0	9.0 / 8.0	10.5 / 9.5	12.0 / 11.0
Air outlet temperature (°C)	22.0 / 21.0	21.0 / 20.0	21.0 / 20.0	20.5 / 20.0	20.0 / 19.5
Flow rate (lt/sec)	0.6 / 0.6	0.8 / 0.8	1.0 / 1.0	1.2 / 1.0	1.4 / 1.2
Pressure drop (water) ΔP (kPa)	4.3 / 3.6	8.0 / 6.5	12.5 / 10.0	19.0 / 16.0	26.0 / 22.0



\*Company OLEFINI reserves the right to alter given product specifications without further notice.

# IP 24 GENERAL & INDUSTRIAL

(door height up to 3,5 m)



water proof cable connections

water proof cable connections

IP55 electrical box

water proof heating elements

IP65 motor



Remote Control



Infrared Remote Control

\*Dimensions  
and technical specifications  
are the same with standard  
“GENERAL & INDUSTRIAL”  
purpose models.

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