

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)



Infrared Remote Control



Remote Control

Switches ON-OFF / HI-LOW



left or right side motor

TECHNICAL DETAILS

TYPE	L or R-33w	K-34w	K-35w	K-36w	K-37w	K-38w
Max door width (m)	1.0	1.2	1.4	1.6	1.8	2.0
Max door height (m)	4.0	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	13.0 / 11.0
Max Air volume (m ³ /h)	2510 / 2125	2800 / 2370	3370/2850	3930/3330	4500/3800	5065/4285
Motor power input (W)	350	350	660	660	660	660
Capacitor (µF)	8	8	12	12	12	12
Noise level in 1 m [dB(A)]	63 / 62	66 / 64	66 / 64	66 / 64	67 / 64	67 / 64
L: Total length (mm)	1149	1242	1442	1642	1842	2042
W: Total width (mm)	212	212	212	212	212	212
H: Height (mm)	205	205	205	205	205	205
l: 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 (kg)	19	22	24	26	28	30
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 / 1050	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050	1370 / 1050
Ingress Protection	IP20	IP20	IP20	IP20	IP20	IP20



cross flow fan ϕ 120 diameter



ELECTRICALLY HEATED GENERAL

(door height up to 3,5 m)



power supply connection

top view



tubular heating elements



Infrared Remote Control



Remote Control

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

OPTIONAL

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

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 ³ /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	65 / 62	66 / 62	66 / 60
L: Total length (mm)	1149	1249	1450	1852	1651	2053	1852	2053
W: Total width (mm)	277	277	277	277	277	277	277	277
H: Height (mm)	205	205	205	205	205	205	205	205
l: 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	12 / 15	15 / 18	15 / 18	15 / 18
Max current cons. (A) (per phase)	13 / 18	18 / 22	18 / 22	18 / 22	18 / 22	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							



HOT WATER HEATED GENERAL

(door height up to 3,5 m)



motor position:
LEFT
RIGHT

1,0m

motor position:
MIDDLE

1,2m

1,4m

1,6m

1,8m

2,0m

MAXIMUM DOOR WIDTH



Infrared
Remote
Control



heat exchanger



- 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

1/2" water supply connection



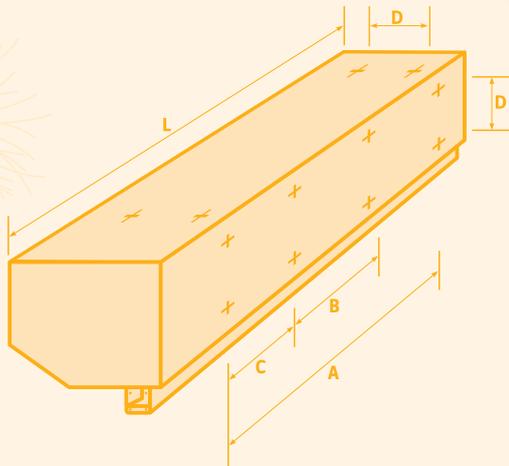
TECHNICAL DETAILS

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 ³ /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	
DIMENSIONS	L: Total length (mm)	1148	1249	1450	1651	1852	2053
	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		*Water Inlet Temperature +70°C		Flow rate 0.6 (lt/sec) [0.3 lt/sec for R,L]			
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		*Water Inlet Temperature +90°C		Flow rate 0.6 (lt/sec) [0.3 lt/sec for R,L]			
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	

*FOR DIFFERENT WATER TEMPERATURES PLEASE CONSULT CHAPTER "THERMAL LOAD CALCULATIONS"



GENERAL SPECIFICATIONS



OPERATION WAYS

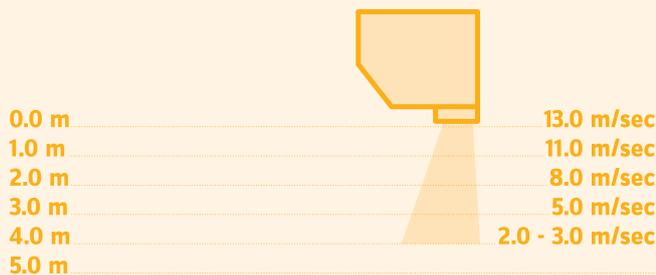
- ON-OFF / HI-LOW with wired remote control (C.B)
- ON-OFF / HI-LOW with infrared remote control (I.R)
- ON-OFF / HI-LOW with wired + infrared remote control (R.C)
- New logic control system (NL)
- New eco control system (ECO)
(consult supplier for availability)

MOUNTING DIMENSION TABLE

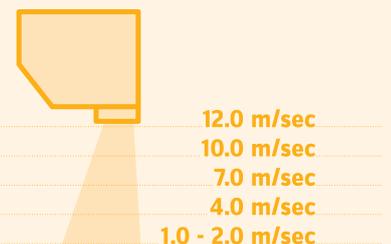
MODEL	A ±1mm	B mm	C mm	D mm	L ±2mm
R, L-33w, R, LEH-33w	640	-	-	135	1149
K-34, KEH, WH-34	1000	-	-		1249
K-34w, KEH, WH-34w	800	-	-		1242
K-35, KEH, WH-35	1100	-	-		1450
K-35w, KEH, WH-35w	900	-	-		1442
R, LEH-36	1600	400	400		1852
K-36, KEH, WH-36	1200	-	-		1651
K-36w, KEH, WH-36w	1000	-	-		1642
K-37	1300	400	450		1852
R, LEH-37	1800	450	500		2052
KEH, WH-37	1300	500	400		1852
K-37w, KEH, WH-37w	1100	500	300		1842
K-38	1400	400	500		2053
KEH, WH-38	1400	500	450		2053
K-38w, KEH, WH-38w	1200	600	300		2042

DIAGRAMS OF HIGH-SPEED CHARACTERISTICS OF AIR CURTAINS

SIMPLE AIR CURTAINS



HEATED AIR CURTAINS



FOR USE IN:

DEPARTMENTS STORES, LARGE HOTELS, LARGE FAST FOODS, LARGE SUPER MARKETS, COLD STORAGE PLANTS, AIRPORTS, BUSS STATIONS & in general LARGE, CROWED & FREQUENTLY VISITED PLACES