



FLEXIHEAT UK LTD
Flexible Heating & Dehumidification Solutions

Dehumidifiers from Kroll



Flexiheat offers a large range of dehumidifiers from Kroll.

The right model for any requirement.

The professional units TE 40 – TE 120 and TK30/TK60 are used to accelerate the drying process in new buildings,

For renovation works and to fix water damaged properties.

- **Mobile:**

The units are easy to install, immediately ready for use and of silent operation.

- **Automatic hot gas defrosting:**

Ensures trouble-free operational so when the unit is running permanently. This leads to an elevated degree of efficiency

and very short operation breaks.

- **Wide range of operation:**

From 0 to 35°C, at 30 to 95% relative air humidity (see technical data table).

- **TE models with additional heating**

The additional electric heating (2 kW) raises the room temperature at cold weather and thus improves the dehumidifying performance.

- **Long durability:**

The robust long-time filter which is easy to clean increases the units' lifespan.

- **Further advantages:**

Overflow switch with magnetic contact CFC-free refrigerant: to protect the environment and the ozone layer
LED display informs about the current operating status. Electronic and safety control for fully automatic operation.

- **Important when renting the units:**

Hours counter

Stackable (only TK models)

- **Useful accessories:**

Hygrostat (integrated with TK models)

Condensate pump

Overflow protection for external collecting pan

Reduce the threat of damp and condensation with the Kroll range of dehumidifiers

Characteristics:

Dehumidifiers, TE units

- Steel casing, powder-coated
- Hours counter
- Hot gas defrosting
- Drip pan
- Hygrostat connection

Dehumidifiers, TK units

- Integrated hygostat
- Steel casing, powder-coated
- Hours counter
- Hot gas defrosting
- Drip pan
- Modularly extendable
- Stackable

Technical data – single voltage range



Model		T24	TK30	TK60	TE40	TE80	TE100	TE120
	No	030060	050653	050654	000114	038856	039239	039368
With electric additional heating 2.0 kW		N/A	N/A	N/A	+	+	+	+
Maximum dehumidifying capacity *	l/24h	30	30	60	40	80	100	120
Air delivery	m ³ /h	230	580	1,000	500	1,100	1,100	1,500
Operating range humidity	%RF	30-80	30-90	30-90	30-95	30-95	30-95	30-95
Operating range temperature	C	5-35	5-32	5-32	0-35	0-35	0-35	0-35
Refrigerant		R410A	R407C	R407C	R407C	R407C	R407C	R407C
Electrical connection	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50	230/50
Electrical power consumption	kW	0.52	0.65	1.07	0.78/2.78	1.15/3.15	1.28/3.28	1.40/3.40
Width	mm	340	480	530	540	620	620	620
Length	mm	250	570	560	900	615	615	580
Height	mm	545	980	1000	660	860	860	1070
Weight	kg	13.2	34	40	37	52	53	58
Drip pan capacity	l	6	10	10	14	N/A	N/A	N/A
Hours counter			+	+	+	+	+	+
Condensate pump connection			+	+	+	+	+	+
Stackable			+	+	+	+	+	+
Inbuilt power socket			+	+	+	+	+	+
Hot gas defrosting				+	+	+	+	+
Noise level	dB(A)	49	52	56	50	57	57	58

* 30°C/90% relative air humidity.

Technical data – dual voltage range



Technical data

Technical data	T20 (Dual Voltage)	T40 (Dual Voltage)
Operating humidity range	30 - 95 %	30 - 95 %
Operating temperature range	0 - 35°C	0 - 35°C
Dehumidifying capacity	Max. 20 l / 24 h	Max. 40 l / 24 h
Litres per day depending on temperature and humidity	10°C / 60% - 4.2 l	10°C / 60% - 8 l
	25°C / 60% - 9.5 l	25°C / 60% - 20 l
	30°C / 80% - 20 l	30°C / 80% - 36 l
Nominal air delivery	160 m ³ / h	500 m ³ / h
Electrical supply	110/230 V / 50 Hz	110/230 V / 50 Hz
	558 W	780 W
Filling capacity	0,275 kg R 134a	0,560 kg R 407c
Basic size W x D x H	370 x 300 x 620 (mm)	495 x 830 x 610 (mm)
Noise level (in 3m distance)	49 dB (A)	50.1 dB (A)
Weight	27 kg	39.5 kg



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