

**TKE
REMOTE AIR COOLED CONDENSERS**

All the TKE units may be used as either refrigerant condensers or refrigerant evaporators.

PS max allowable pressure :	35 bar abs.
TS max allowable refrigerant temperature :	125 °C
TL min allowable refrigerant temperature:	- 40 °C
State of fluid contents :	GAS
Type of pressure equipment :	PIPING

The reference table for the assessment of category is table n.7.

Model	Category
Models with external diameter connections up/equal to 28 mm	Article 3 Paragraph 3
Models with external diameter connections up to 35 mm	Cat. I
each model f/b option codes	

This units are for use with non dangerous (group 2), following a list of most common refrigerants R22, R134a, R404A, R12, R502, R507, R402A, R401A, R407A, R407C, R410A, R124.

Hazards arising from misuse :

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- This units shall not be used with Ammonia R717

TKE SPEC W DRY COOLERS

All the TKE W units may be used as dry coolers.

PS maximum allowable pressure:	16 bar
TS maximum allowable refrigerant temperature:	125 °C
TL minimum allowable refrigerant temperature:	- 40 °C
State of fluid contents:	GAS
Type of pressure equipment:	PIPING

The reference table for the assessment of category is table n°7.

Model	Category
Models with external diameter connections up/equal to 54 mm	Art.3 par.3
Models with external diameter connections from 70 mm up/equal to 102 mm	Cat. I

These units are for use with non-dangerous fluids (group 2). The fluids are classified according to their Material Safety Data Sheet. Fluids are recognised as dangerous substances if one of the following risks is associated to them: R2, R3, R7, R8, R9, R10, R11, R12, R15, R17, R23, R24, R25, R26, R27, R28, R39-23, R39-24, R39-25, R39-23-24, R39-23-25, R39-24-25, R39-23-24-25, R39-26, R39-27, R39-28, R39-26-27, R29-26-28, R39-27-28, R39-26-27-28, R48-26, R48-27, R48-28, R48-26-27, R48-26-28, R48-27-28, R48-26-27-28.

Hazards arising from misuse:

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- These units shall not be used with Ammonia R717

**TKE
GAS COOLERS**

All the TKE units may be used as either refrigerant condensers or refrigerant evaporators.

PS max allowable pressure : 120 bar abs.
TS max allowable refrigerant temperature : 125 °C
TL min allowable refrigerant temperature: - 40 °C
State of fluid contents : GAS
Type of pressure equipment : PIPING

The reference table for the assessment of category is table n.7.

Model	Category
TKE_.0422	Article 3 Paragraph 3

This units are for use with refrigerants non dangerous (group 2), following a list of most common refrigerants R22, R134a, R404A, R12, R502, R507, R402A, R401A, R407A, R407C, R410A, R124, R744.

Hazards arising from misuse :

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- This units shall not be used with Ammonia R717

**TKE
CONDENSER**

All the TKE units may be used as either refrigerant condensers or refrigerant evaporators.

PS max allowable pressure : 45 bar abs.
 TS max allowable refrigerant temperature : 125 °C
 TL min allowable refrigerant temperature: - 40 °C
 State of fluid contents : GAS
 Type of pressure equipment : PIPING

The reference table for the assessment of category is table n.7.

Model	Category
Models with external diameter connections up/equal to 28 mm	Article 3 Paragraph 3
Models with external diameter connections up to 35 mm	Cat. I
each model f/b option codes	

This units are for use with refrigerants non dangerous (group 2), following a list of most common refrigerants R22, R134a, R404A, R12, R502, R507, R402A, R401A, R407A, R407C, R410A, R124.

Hazards arising from misuse :

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- This units shall not be used with Ammonia R717

**TKE
GAS COOLERS**

All the KCE units may be used as either refrigerant condensers or refrigerant evaporators.

PS max allowable pressure : 120 bar abs.
TS max allowable refrigerant temperature : 125 °C
TL min allowable refrigerant temperature: - 40 °C
State of fluid contents : GAS
Type of pressure equipment : PIPING

The reference table for the assessment of category is table n.7.

Models with external diameter connections up/equal to 1/2" are covered by art. 3 par. 3

Model	Category
TKE_.1263	art. 3 par. 3
each model f/b option codes	

This units are for use with refrigerants non dangerous (group 2), following a list of most common refrigerants R22, R134a, R404A, R12, R502, R507, R402A, R401A, R407A, R407C, R410A, R124, R744.

Hazards arising from misuse :

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- This units shall not be used with Ammonia R717

**TKE
GAS COOLERS**

All the KCE units may be used as either refrigerant condensers or refrigerant evaporators.

PS max allowable pressure : 45 bar abs.
 TS max allowable refrigerant temperature : 125 °C
 TL min allowable refrigerant temperature: - 40 °C
 State of fluid contents : GAS
 Type of pressure equipment : PIPING

The reference table for the assessment of category is table n.7.

Models with external diameter connections up/equal to 22 mm are covered by art. 3 par. 3

Model	Category
TKE_.1237 TKE_.1238 TKE_.1239 TKE_.1446 TKE_.2184	art. 3 par. 3
each model f/b option codes	

This units are for use with refrigerants non dangerous (group 2), following a list of most common refrigerants R22, R134a, R404A, R12, R502, R507, R402A, R401A, R407A, R407C, R410A, R124, R744.

Hazards arising from misuse :

- Consideration should be given to handling of units to point of assembly in order to avoid damage.
- The need for protection of hairpin and return bends should be considered in the final application
- Consideration must be given to galvanic corrosion Al-Cu on the end use application
- This units shall not be used with Ammonia R717