

# Dual-discharge unit cooler



## Direct expansion industrial range GTI/GT2I Glycol water industrial range GTI-W/GT2I-W

- The 88 models of the GTI and GT2I range meet the workplace comfort requirements for laboratories, meat cutting rooms, air locks, etc...
- Exceptionally low noise levels with the 8P (GTI) and 12P (GT2I) models.
- The low air flow speed guarantees comfort as well as accurate control of both temperature and hygrometry for the 8P and 12P models.
- The 2-speed electric fans guarantee appropriate noise levels and ventilation (GT2I).



Reduced sound  
Natural fluids:  
Glycol water



GT2I / GT2I-W

GTI / GTI-W

12.5 123.5 kW

# GTI (-W) / GT2I (-W) - Dual-discharge industrial unit cooler

## Market segments



**FSM** Hard Discount - Supermarkets - Hypermarkets

**FCS** Refrigerated storage and transit stocking - Dispatch centres - Food processing - Canteen kitchens

## Description

### Casing

- The GTI (-W) and GT2I (-W) casing is made of white pre-painted galvanized steel.
- All models of the GTI (-W) and GT2I (-W) range are equipped with intermediate drain pans for the recovery of condensation.
- On the GT2I (-W), each removable (in 1 or 2 sections depending on the models), external drain pan evacuates into a recovery vessel located next to the refrigeration connections and from where the condensation is evacuated via a large dimension drain pipe (Ø 1 1/2" G).
- GTI (-W) and GT2I (-W) models are foreseen with end covers.
- GTI (-W) and GT2I (-W) are delivered on a wooden base.
- GT2I (-W) are delivered in their mounting position and designed for installation flush to the ceiling.

### Ventilation

- The GTI (-W) unit cooler range is equipped with fans Ø 450 mm, 230-400 V/3/50 Hz: 4P = 1,500 rpm, 6P = 1,000 rpm or 8P = 750 rpm
- The GT2I (-W) unit cooler range is equipped with fans Ø 630 mm, 400 V/3/50 Hz, IP 55, class F, with incorporated thermal overload protection, 2 speeds depending on models (factory wired: Δ = high speed): 6/8 P = 1,000/750 rpm or 8/12 P = 750/500 rpm.
- Fan guards are compliant with safety standards.

### Coil

- The GT2I range is equipped with two new coil configurations optimized for direct expansion and glycol water applications.
- The highly-efficient and compact standard finned coils of the GTI (-W) and GT2I (-W) range are composed of aluminium fins with a spacing of 4.23 or 6.35 mm.

## Certifications



## Advantages

### Installation

Possibility of supplying a connection kit (option EGK) for the glycol water model to render installation easier.

Intermediate drain pans enabling installation of optional electric defrost ELU or EEK kit on the GT2I (-W).

Single flow for easier installation.

### Servicing / Maintenance

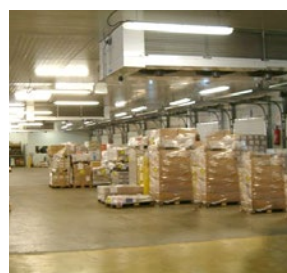
GT2I (-W) are equipped with hinged doors and a removable central panel enabling east access to electrical and refrigeration connections.

For all work on the GT2I (-W), access to the drain pans does not require removal of the recovery vessel.

## Designation

**GTI**<sup>(1)</sup> - **W**<sup>(2)</sup> **34**<sup>(3)</sup> **4**<sup>(4)</sup> **4P**<sup>(5)</sup>  
**GT2I**<sup>(1)</sup> - **W**<sup>(2)</sup> **36**<sup>(3)</sup> **R**<sup>(4)</sup> **6/8P**<sup>(5)</sup>

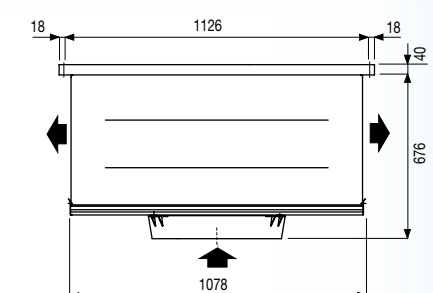
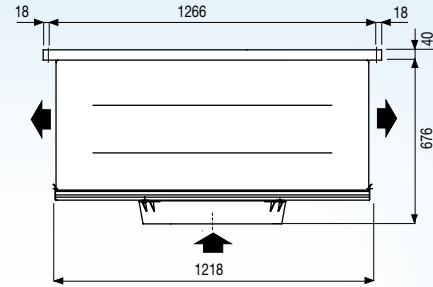
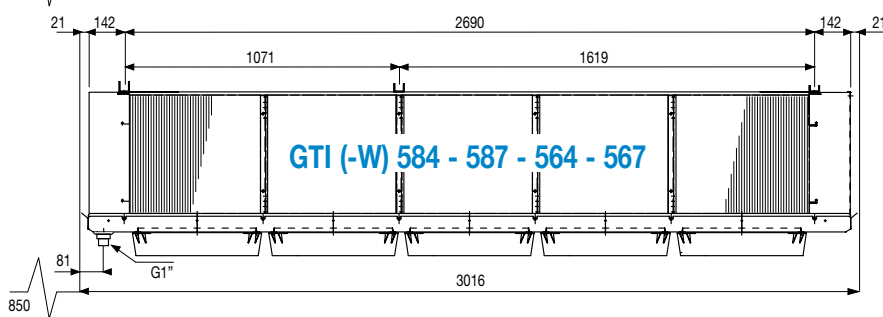
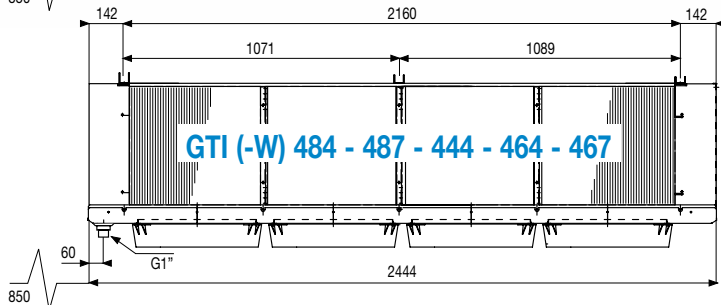
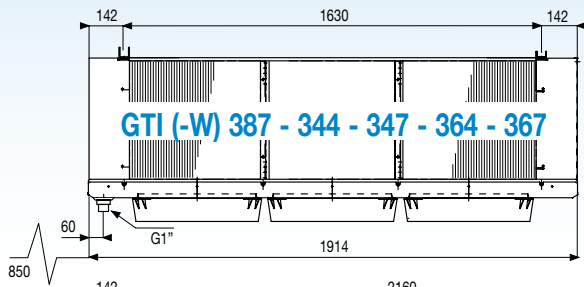
- (1) **GTI / GT2I**: Direct expansion unit cooler  
 (2) **W**: Glycol water unit cooler  
 (3) Model  
 (4) Fin spacing: **4** or **R** = 4.23 mm - **7** or **L** = 6,35 mm  
 (5) **4P** = 1,500 rpm - **6P** = 1,000 rpm - **8P** = 750 rpm  
**6P/8P** = 1,000/750 rpm. - **8P/12P** = 750/500 rpm.



Kit	Factory	Options
	<b>M60</b>	Fans 230-400V/3/50-60Hz (adapted fan blades).
	<b>MM5</b>	Fans 230V/1/50Hz.
	<b>MM6</b>	Fans 230V/1/60Hz.
	<b>CMU*</b>	Motors factory wired. * <b>CMU = CT5, CT6, CM5 or CM6</b>
	<b>CT5</b>	Single-speed wiring 400V/3/50Hz
	<b>CT6</b>	Single-speed wiring 400V/3/60Hz
	<b>CM5</b>	Single-speed wiring 230V/1/50Hz
	<b>CM6</b>	Single-speed wiring 230V/1/60Hz
	<b>M60</b>	Fans 400V/3/50-60Hz (adapted fan blades).
	<b>BAE</b>	Protection of fins.
	<b>BXT</b>	Blygold Polual XT coil protection.
	<b>WCO</b>	Glycol water, coolant (please contact us for details).
<b>EGK</b>		Glycol water and coolant extension.
	<b>Defrost - GTI / GTI-W</b>	
<b>E1K</b>	<b>E1U</b>	Light electric defrost.
	<b>HGB</b>	Hot gas defrost (coil only).
	<b>Defrost - GT2I / GT2I-W</b>	
<b>E1K</b>	<b>E1U</b>	Light electric defrost.
	<b>ELU</b>	Electric defrost (coil + drain pan).
	<b>HG1</b>	Defrost with hot gas (coil: hot gas, drain pan: heating elements).
<b>EEK</b>		Drain pan electric defrost.
<b>ECK</b>	<b>ECU</b>	Additional coil electric defrost.
	<b>Miscellaneous</b>	
	<b>ECB</b>	Full crate packaging ( <b>GT2I / GT2I-W</b> ).
	<b>EIS</b>	Insulated drain pan.
	<b>Other options</b>	
		Please contact us for details.

# GTI (-W) / GT2I (-W) - Dual-discharge industrial unit cooler

## GTI / GTI-W

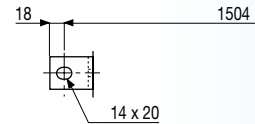
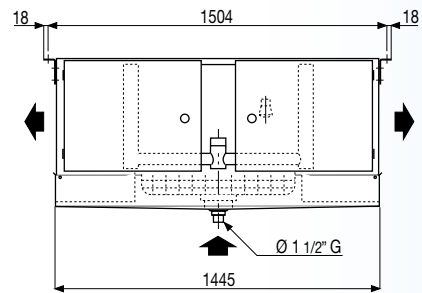
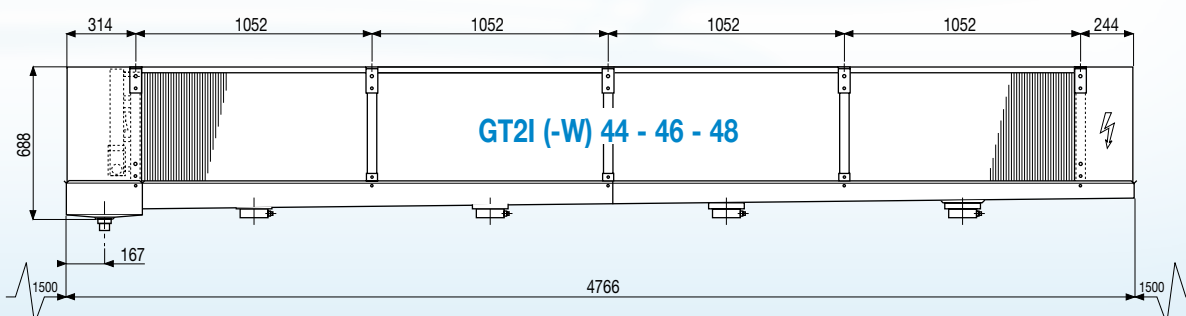
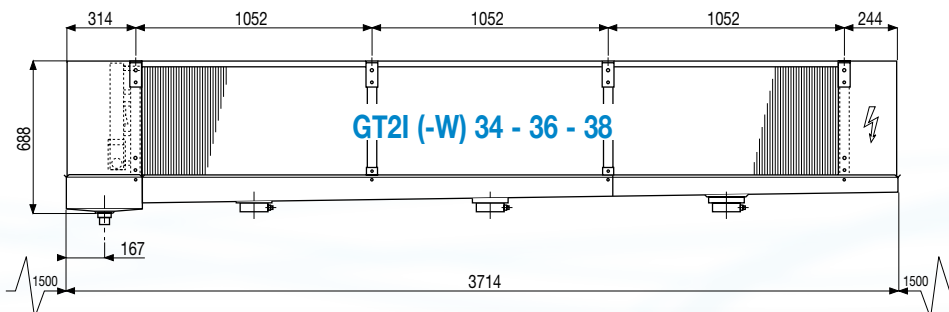
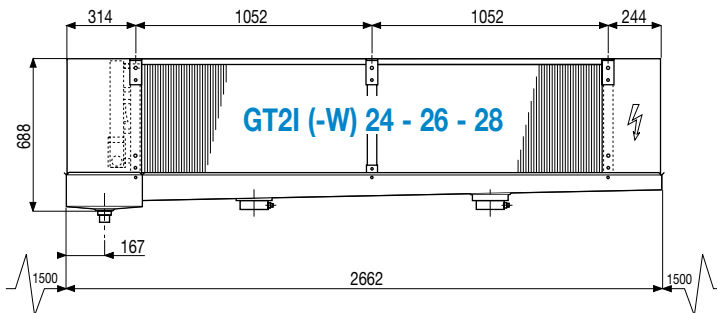


**GTI (-W)**  
387  
484 - 487  
584 - 587

**GTI (-W)**  
344 - 347  
364 - 367  
444 - 464 - 467  
564 - 567

mm

## GT2I / GT2I-W



## GTI (-W) ... 4/6/8P - 1,500/1,000/750 rpm.

4,23 mm

Direct expansion		GTI ... 4/6/8P	344	364	444	464	484	564	584	
Capacity R404A (1)	DT1 = 10 K - SC1	4P	kW	33,7	42,5	45,2	57,7	66,3	68,8	73,2
		6P	kW	27,8	34,5	37,6	46,1	51,8	55,8	60,2
		8P	kW	23,5	28,0	32,1	37,5	40,8	45,6	49,7
	DT1 = 8 K - SC2	4P	kW	20,4	25,6	27,9	34,8	36,1	42,0	47,3
		6P	kW	16,4	19,8	22,2	26,8	27,8	32,7	35,9
		8P	kW	13,3	15,5	17,9	20,8	21,4	25,7	27,6

Glycol water		GTI-W ... 4/6/8P	344	364	444	464	484	564	584	
Capacity W*	DT1 = 8 K	4P	kW	19,5	26,0	24,0	32,4	45,0	40,5	48,5
		6P	kW	16,5	21,6	20,7	28,9	33,5	33,9	39,6
		8P	kW	14,9	18,8	19,0	24,0	28,0	31,3	34,1

GTI (-W) ... 4/6/8P		344	364	444	464	484	564	584		
Surface		m <sup>2</sup>	98,3	147,5	131,1	196,7	262,3	245,9	327,8	
Circuit volume		dm <sup>3</sup>	19,1	28,6	25,5	38,2	50,9	47,7	63,6	
Fan **	Air flow	4P	m <sup>3</sup> /h	13950	13350	18600	17800	17000	22250	21250
		6P	m <sup>3</sup> /h	9360	8960	12480	11950	11410	14930	14260
		8P	m <sup>3</sup> /h	6670	6390	8900	8500	8130	10650	10170
	Air throw (2)	4P	m	2 x 7	2 x 7	2 x 7	2 x 7	2 x 7	2 x 7	2 x 7
		6P	m	2 x 5	2 x 5	2 x 5	2 x 5	2 x 5	2 x 5	2 x 5
		8P	m	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
Ø 450 mm		Nb	3	3	4	4	4	5	5	
Acoustic	Lp 4m (3)	4P	dB(A)	50	50	51	51	51	52	52
		6P	dB(A)	40	40	41	41	41	42	42
		8P	dB(A)	33	33	34	34	34	35	35
Electric defrost E1U	400 V/3/50 Hz	Ω	Nb	6	6	6	6	6	6	6
		W Total		6000	6000	9240	9240	9240	12000	12000
		A Total		9	9	14	14	14	18	18
Net weight		kg	181	215	228	264	307	326	379	
Connections R404A	Inlet	Ø (5)	7/8"	1"1/8	1"1/8	1"1/8	1"1/8	1"1/8	1"3/8	
	Outlet	Ø (6)	1"5/8	1"5/8	2"1/8	2"1/8	2"1/8	2"5/8	2"5/8	

\*\* Ø 450 mm - 230-400 V/3/50 Hz. 4P : 360 W max - 1 A max (4). 6P : 115 W max - 0,5 A max (4). 8P : 72 W max - 0,42 A max (4).

(1) See page 10.

(2) Residual air speed: 0.25 m/s, in compliance with standard.

(3) Average sound pressure level in dB(A) measured at 4 m, at fan height, in direct line of sight on a reflective surface, given for information only.

(4) Setting of overload protection levels.

(5) Distributor: Male to be brazed.

(6) ODF = Female to receive a tube of the same diameter.

\* Glycol water - Capacity indicated for information only under the following conditions:

**Fluid:** Percentage of glycol = 30 %  
Fluid inlet temperature = - 8°C  
Fluid outlet temperature = - 4°C.

**Air:** Inlet dry temperature = + 2°C  
Relative humidity = 85 %  
Limitation of head loss at 10 m WC maximum.

**Other conditions:**

Possible optimization of exchanger circuiting according to the operating level.  
System head loss taken into account, percentage of glycol,... (please contact us for details).

**Connection kit available:**

- 1 kit for horizontal connection (please consult us).
- 4 connection kits (please consult us).
  - steel weld-on sleeve
  - steel screw-on sleeve
  - steel weld-on sleeve
  - steel screw-on sleeve

M60	MM5	MM6	BAE	BXT	WCO	E1K	E1U	HGB	EGK	EIS
0	0	0		0		0	0	0	0	0

## GTI (-W) ... 4/6/8P - 1,500/1,000/750 rpm.

6,35 mm

Direct expansion		GTI ... 4/6/8P	347	367	387	467	487	567	587	
Capacity R404A (1)	DT1 = 10 K - SC1	4P	kW	28,3	37,7	46,7	53,0	62,8	65,2	73,6
		6P	kW	24,5	30,1	36,3	42,2	48,7	52,3	57,1
		8P	kW	21,1	26,1	29,3	34,9	39,3	45,3	48,8
	DT1 = 8 K - SC2	4P	kW	16,8	21,9	24,6	27,9	32,8	36,3	42,6
		6P	kW	13,6	17,3	19,1	22,4	25,7	28,7	32,7
		8P	kW	11,2	13,8	15,1	18,1	20,2	23,0	25,6

Glycol water		GTI-W ... 4/6/8P	347	367	387	467	487	567	587	
Capacity W*	DT1 = 8 K	4P	kW	17,4	23,6	30,3	35,4	38,3	36,9	45,1
		6P	kW	15,8	21,2	24,2	26,2	31,1	31,0	38,9
		8P	kW	13,0	17,1	20,5	21,9	26,2	27,3	31,8

GTI (-W) ... 4/6/8P		347	367	387	467	487	567	587		
Surface		m <sup>2</sup>	67,6	101,5	135,3	135,3	180,4	169,1	225,5	
Circuit volume		dm <sup>3</sup>	19,1	28,6	38,2	38,2	50,9	47,7	63,6	
Fan **	Air flow	4P	m <sup>3</sup> /h	14160	13680	13260	18240	17680	22800	22100
		6P	m <sup>3</sup> /h	9500	9180	8900	12240	11860	15300	14830
		8P	m <sup>3</sup> /h	6770	6540	6340	8730	8460	10910	10570
	Air throw (2)	4P	m	2 x 7	2 x 7	2 x 7	2 x 7	2 x 7	2 x 7	2 x 7
		6P	m	2 x 5	2 x 5	2 x 5	2 x 5	2 x 5	2 x 5	2 x 5
		8P	m	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
Ø 450 mm		Nb	3	3	3	4	4	5	5	
Acoustic	Lp 4m (3)	4P	dB(A)	50	50	50	51	51	52	52
		6P	dB(A)	40	40	40	41	41	42	42
		8P	dB(A)	33	33	33	34	34	35	35
Electric defrost E1U	400 V/3/50 Hz	Ω	Nb	6	6	6	6	6	6	6
		W Total		6000	6000	6000	9240	9240	12000	12000
		A Total		9	9	9	14	14	18	18
Net weight		kg	171	198	217	241	280	298	347	
Connections R404A	Inlet	Ø (5)	7/8"	1"1/8	1"1/8	1"1/8	1"1/8	1"1/8	1"3/8	
	Outlet	Ø (6)	1"5/8	1"5/8	1"5/8	2"1/8	2"1/8	2"1/8	2"5/8	

\*\* Ø 450 mm - 230-400 V/3/50 Hz. 4P : 360 W max - 1 A max (4). 6P : 115 W max - 0,5 A max (4). 8P : 72 W max - 0,42 A max (4).

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**Air:** Inlet dry temperature = + 2°C  
Relative humidity = 85 %  
Limitation of head loss at 10 m WC maximum.

**Other conditions:**

Possible optimization of exchanger circuiting according to the operating level.  
System head loss taken into account, percentage of glycol,... (please contact us for details).

**Connection kit available:**

- 1 kit for horizontal connection (please consult us).
- 4 connection kits (please consult us).
  - steel weld-on sleeve
  - steel screw-on sleeve
  - steel weld-on sleeve
  - steel screw-on sleeve

M60	MM5	MM6	BAE	BXT	WCO	E1K	E1U	HGB	EGK	EIS
0	0	0		0		0	0	0	0	0

## GT2I ... R 6/8P - 1,000/750 rpm.

4,23 mm

Direct expansion		GT2I ... R 6/8P	24	26	28	34	36	38	44	46	48	
Capacity R404A (1)	DT1 = 10 K - SC1	6P	kW	47,9	57,7	61,6	72,0	86,4	90,6	96,1	112,7	123,3
		8P	kW	43,2	50,6	53,0	64,9	73,6	78,3	86,6	100,1	105,8
	DT1 = 8 K - SC2	6P	kW	26,7	33,5	37,6	40,2	50,3	55,6	53,6	66,5	75,4
		8P	kW	24,5	30,0	32,9	36,8	44,2	49,0	49,2	59,9	65,9
Surface		m <sup>2</sup>	129,9	194,8	259,8	194,8	292,3	389,7	259,8	389,7	519,6	
Circuit volume		dm <sup>3</sup>	25,2	37,8	50,4	37,8	56,7	75,7	50,4	75,7	100,9	
Fan *	Air flow	6P	m <sup>3</sup> /h	22660	20900	19300	33980	31340	28940	45310	41790	38590
		8P	m <sup>3</sup> /h	18710	17070	15500	28060	25600	23260	37410	34130	31010
	Air throw (2)	6P	m	2 x 17	2 x 15	2 x 14	2 x 17	2 x 15	2 x 14	2 x 17	2 x 15	2 x 14
		8P	m	2 x 14	2 x 12	2 x 11	2 x 14	2 x 12	2 x 11	2 x 14	2 x 12	2 x 11
Ø 630 mm		Nb	2	2	2	3	3	3	4	4	4	
Acoustic	Lp 4m (3)	6P	dB(A)	50	50	50	52	52	52	53	53	53
		8P	dB(A)	46	46	46	48	48	48	49	49	49
Electric defrost E1U/E1K (4)	Ω		Nb	12	12	12	12	12	12	12	12	12
		400 V/3/50 Hz	W Total	9000	9000	9000	13800	13800	13800	18000	18000	18000
			A Total	13	13	13	20	20	20	26	26	26
Electric defrost ELU/E1K+EEK (4)	Ω		Nb	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6
		400 V/3/50 Hz	W Total	13500	13500	13500	20700	20700	20700	27000	27000	27000
			A Total	19,5	19,5	19,5	30	30	30	39	39	39
ECK kit or EEK kit	Ω		Nb	6	6	6	6	6	6	6	6	6
		400 V/3/50 Hz	W Total	4500	4500	4500	6900	6900	6900	9000	9000	9000
	Nb max. kit		A Total	6,5	6,5	6,5	10	10	10	13	13	13
		ECK	1	1	2	1	1	2	1	1	2	
Net weight		EEK	1	1	1	1	1	1	1	1	1	
		kg	260	292	316	349	395	433	457	506	549	
Connections R404A	Inlet	Ø (6)	1"1/8	1"3/8	1"3/8	1"3/8	1"5/8	1"5/8	1"5/8	2x 1"3/8	2x 1"3/8	
	Outlet	Ø (7)	1"5/8	1"5/8	1"5/8	2"1/8	2"1/8	2"1/8	2"1/8	2"5/8	2"5/8	

\* Ø 630 mm - 400 V/3/50 Hz. 6P : 980 W max - 2,3 A max (5). 8P : 720 W max - 1,3 A max (5).

(1) See page 10.

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(4) Optional electric defrost kit.

(5) Setting of overload protection levels.

(6) Distributor: Male to be brazed.

(7) ODF = Female to receive a tube of the same diameter.

## Optimized coil for glycol water applications

## GT2I-W ... R 6/8P - 1,000/750 rpm.

4,23 mm

Glycol water		GT2I-W ... R 6/8P	24	26	28	34	36	38	44	46	48	
Capacity W*	DT1 = 8 K	6P	kW	33,0	48,1	-	54,0	63,4	-	63,1	95,5	-
		8P	kW	17,7	36,6	-	53,3	54,1	-	54,6	65,9	-
Surface		m <sup>2</sup>	164	246	-	246	369	-	328	492	-	

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**Fluid:** Percentage of glycol = 30 %  
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  - steel screw-on sleeve
  - steel weld-on sleeve
  - steel screw-on sleeve

CMU	CT5	CT6	CM5	CM6	M60	BAE	BXT	WCO	E1K	E1U	ELU	HG1	EEK	ECK	ECU	EGK	ECB	EIS
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## GT2I ... R 8/12P - 750/500 rpm.

4,23 mm

Direct expansion		GT2I ... R 8/12P	24	26	28	34	36	38	44	46	48		
Capacity R404A (1)	DT1 = 10 K - SC1	8P	kW	40,8	46,0	49,9	61,2	69,1	74,3	81,7	94,0	99,6	
		12P	kW	36,9	41,0	40,5	55,3	61,5	63,8	72,7	83,2	81,7	
	DT1 = 8 K - SC2	8P	kW	23,3	27,9	31,1	35,1	41,9	46,4	46,8	57,0	62,5	
		12P	kW	21,4	25,2	25,8	32,2	37,9	40,6	42,8	51,0	51,6	
Surface			m <sup>2</sup>	129,9	194,8	259,8	194,8	292,3	389,7	259,8	389,7	519,6	
Circuit volume			dm <sup>3</sup>	25,2	37,8	50,4	37,8	56,7	75,7	50,4	75,7	100,9	
Fan *	Air flow	8P	m <sup>3</sup> /h	16450	15180	14000	24730	22780	21000	32980	30370	28000	
		12P	m <sup>3</sup> /h	14010	12760	11610	21010	19140	17420	28010	25510	23220	
	Air throw (2)	8P	m	2 x 12	2 x 11	2 x 10	2 x 12	2 x 11	2 x 10	2 x 12	2 x 11	2 x 10	
		12P	m	2 x 10	2 x 9	2 x 8	2 x 10	2 x 9	2 x 8	2 x 10	2 x 9	2 x 8	
Ø 630 mm			Nb	2	2	2	3	3	3	4	4	4	
Acoustic	Lp 4m (3)	8P	dB(A)	43	43	43	45	45	45	46	46	46	
		12P	dB(A)	38	38	38	40	40	40	41	41	41	
Electric defrost E1U/E1K (4)	Ω		Nb	12	12	12	12	12	12	12	12	12	
		400 V/3/50 Hz		W Total	9000	9000	9000	13800	13800	13800	18000	18000	18000
				A Total	13	13	13	20	20	20	26	26	26
Electric defrost ELU/E1K+EEK (4)	Ω		Nb	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6	
		400 V/3/50 Hz		W Total	13500	13500	13500	20700	20700	20700	27000	27000	27000
				A Total	19,5	19,5	19,5	30	30	30	39	39	39
ECK kit or EEK kit	Ω		Nb	6	6	6	6	6	6	6	6	6	
		400 V/3/50 Hz		W Total	4500	4500	4500	6900	6900	6900	9000	9000	9000
				A Total	6,5	6,5	6,5	10	10	10	13	13	13
Nb max. kit			ECK	1	1	2	1	1	2	1	1	2	
			EEK	1	1	1	1	1	1	1	1	1	
Net weight			kg	260	292	316	349	395	433	457	506	549	
Connections R404A	Inlet		Ø (6)	1"1/8	1"1/8	1"3/8	1"3/8	1"5/8	1"5/8	1"5/8	1"5/8	2x 1"3/8	
	Outlet		Ø (7)	1"3/8	1"5/8	1"5/8	2"1/8	2"1/8	2"1/8	2"1/8	2"1/8	2"5/8	

\* Ø 630 mm - 400 V/3/50 Hz. 8P : 500 W max - 1,5 A max (5). 12P : 350 W max - 0,8 A max (5).

(1) See page 10.

(2) Residual air speed: 0.25 m/s, in compliance with standard.

(3) Average sound pressure level in dB(A) measured at 4 m, at fan height, in direct line of sight on a reflective surface, given for information only.

(4) Optional electric defrost kit.

(5) Setting of overload protection levels.

(6) Distributor: Male to be brazed.

(7) ODF = Female to receive a tube of the same diameter.

## Optimized coil for glycol water applications

## GT2I-W ... R 8/12P - 750/500 rpm.

4,23 mm

Glycol water		GT2I-W ... R 8/12P	24	26	28	34	36	38	44	46	48	
Capacity W*	DT1 = 8 K	8P	kW	26,2	38,1	-	48,1	51,5	-	53,0	77,8	-
		12P	kW	24,1	37,2	-	40,3	43,1	-	49,2	74,1	-
Surface			m <sup>2</sup>	164	246	-	246	369	-	328	492	-

\* Glycol water - Capacity indicated for information only under the following conditions:

**Fluid:** Percentage of glycol = 30 %  
Fluid inlet temperature = - 8°C  
Fluid outlet temperature = - 4°C.

**Air:** Inlet dry temperature = + 2°C  
Relative humidity = 85 %  
Limitation of head loss at 10 m WC maximum.

**Other conditions:**

Possible optimization of exchanger circuiting according to the operating level.  
System head loss taken into account, percentage of glycol,... (please contact us for details).

**Connection kit available:**

- 1 kit for horizontal connection (please consult us).
- 4 connection kits (please consult us).
  - steel weld-on sleeve
  - steel screw-on sleeve
  - steel weld-on sleeve
  - steel screw-on sleeve

CMU	CT5	CT6	CM5	CM6	M60	BAE	BXT	WCO	E1K	E1U	ELU	HG1	EEK	ECK	ECU	EGK	ECB	EIS
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## GT2I ... L 6/8P - 1,000/750 rpm.

6,35 mm

Direct expansion		GT2I ... L 6/8P	24	26	28	34	36	38	44	46	48	
Capacity R404A (1)	DT1 = 10 K - SC1	6P	kW	42,6	52,8	58,7	64,0	76,7	86,9	85,4	104,6	117,7
		8P	kW	38,3	45,9	51,0	57,5	68,9	76,0	76,8	93,6	102,6
	DT1 = 8 K - SC2	6P	kW	24,1	30,8	35,6	36,2	45,6	52,9	48,3	61,8	71,4
		8P	kW	22,0	27,6	31,6	33,1	41,5	47,1	44,1	56,2	63,2
Surface		m <sup>2</sup>	89,3	134,0	178,7	134,0	201,0	268,0	178,7	268,0	357,4	
Circuit volume		dm <sup>3</sup>	25,2	37,8	50,4	37,8	56,7	75,7	50,4	75,7	100,9	
Fan *	Air flow	6P	m <sup>3</sup> /h	23600	22200	20900	35400	33300	31340	47210	44400	41790
		8P	m <sup>3</sup> /h	19520	18300	17070	29290	27440	25600	39050	36590	34130
	Air throw (2)	6P	m	2 x 18	2 x 16	2 x 15	2 x 18	2 x 16	2 x 15	2 x 18	2 x 16	2 x 15
		8P	m	2 x 15	2 x 13	2 x 12	2 x 15	2 x 13	2 x 12	2 x 15	2 x 13	2 x 12
Ø 630 mm		Nb	2	2	2	3	3	3	4	4	4	
Acoustic	Lp 4m (3)	6P	dB(A)	50	50	50	52	52	52	53	53	53
		8P	dB(A)	46	46	46	48	48	48	49	49	49
Electric defrost E1U/E1K (4)	Ω		Nb	12	12	12	12	12	12	12	12	12
		400 V/3/50 Hz	W Total	9000	9000	9000	13800	13800	13800	18000	18000	18000
			A Total	13	13	13	20	20	20	26	26	26
Electric defrost ELU/E1K+EEK (4)	Ω		Nb	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6
		400 V/3/50 Hz	W Total	13500	13500	13500	20700	20700	20700	27000	27000	27000
			A Total	19,5	19,5	19,5	30	30	30	39	39	39
ECK kit or EEK kit	Ω		Nb	6	6	6	6	6	6	6	6	6
		400 V/3/50 Hz	W Total	4500	4500	4500	6900	6900	6900	9000	9000	9000
			A Total	6,5	6,5	6,5	10	10	10	13	13	13
Nb max. kit		ECK	1	1	2	1	1	2	1	1	2	
		EEK	1	1	1	1	1	1	1	1	1	
Net weight		kg	260	292	316	349	395	433	457	506	549	
Connections R404A	Inlet	Ø (6)	1"1/8	1"3/8	1"3/8	1"3/8	1"5/8	1"5/8	1"5/8	2x 1"3/8	2x 1"3/8	
	Outlet	Ø (7)	1"5/8	1"5/8	1"5/8	2"1/8	2"1/8	2"1/8	2"1/8	2"5/8	2"5/8	

\* Ø 630 mm - 400 V/3/50 Hz. 6P : 980 W max - 2,3 A max (5). 8P : 720 W max - 1,3 A max (5).

(1) See page 10.

(2) Residual air speed: 0.25 m/s, in compliance with standard.

(3) Average sound pressure level in dB(A) measured at 4 m, at fan height, in direct line of sight on a reflective surface, given for information only.

(4) Optional electric defrost kit.

(5) Setting of overload protection levels.

(6) Distributor: Male to be brazed.

(7) ODF = Female to receive a tube of the same diameter.

## Optimized coil for glycol water applications

## GT2I-W ... L 6/8P - 1,000/750 rpm.

6,35 mm

Glycol water		GT2I-W ... L 6/8P	24	26	28	34	36	38	44	46	48	
Capacity W*	DT1 = 8 K	6P	kW	26,8	38,5	-	42,7	50,3	-	52,6	77,2	-
		8P	kW	24,6	37,2	-	36,5	44,9	-	48,9	73,8	-
Surface		m <sup>2</sup>	112	168	-	168	252	-	224	336		

\* Glycol water - Capacity indicated for information only under the following conditions:

**Fluid:** Percentage of glycol = 30 %  
Fluid inlet temperature = - 8°C  
Fluid outlet temperature = - 4°C.

**Air:** Inlet dry temperature = + 2°C  
Relative humidity = 85 %  
Limitation of head loss at 10 m WC maximum.

**Other conditions:**  
Possible optimization of exchanger circuiting according to the operating level.  
System head loss taken into account, percentage of glycol,... (please contact us for details).

**Connection kit available:**  
• 1 kit for horizontal connection (please consult us).  
• 4 connection kits (please consult us).  
- steel weld-on sleeve  
- steel screw-on sleeve  
- steel weld-on sleeve  
- steel screw-on sleeve

CMU	CT5	CT6	CM5	CM6	M60	BAE	BXT	WCO	E1K	E1U	ELU	HG1	EEK	ECK	ECU	EGK	ECB	EIS
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



## GT2I ... L 8/12P - 750/500 rpm.

6,35 mm

Direct expansion		GT2I ... L 8/12P	24	26	28	34	36	38	44	46	48	
Capacity R404A (1)	DT1 = 10 K - SC1	8P	kW	35,8	43,2	47,9	53,8	64,9	71,7	71,0	87,7	96,2
		12P	kW	32,6	38,8	40,2	48,3	58,1	62,7	65,4	78,4	80,8
	DT1 = 8 K - SC2	8P	kW	20,8	26,2	29,9	31,2	39,4	44,6	41,8	53,2	59,7
		12P	kW	19,4	23,8	25,3	28,8	35,8	39,7	39,2	48,0	50,6
Surface		m <sup>2</sup>	89,3	134,0	178,7	134,0	201,0	268,0	178,7	268,0	357,4	
Circuit volume		dm <sup>3</sup>	25,2	37,8	50,4	37,8	56,7	75,7	50,4	75,7	100,9	
Fan *	Air flow	8P	m <sup>3</sup> /h	17240	16140	15180	25860	24210	22780	34480	32280	30370
		12P	m <sup>3</sup> /h	14710	13680	12760	22060	20520	19130	29420	27360	25510
	Air throw (2)	8P	m	2 x 13	2 x 12	2 x 11	2 x 13	2 x 12	2 x 11	2 x 13	2 x 12	2 x 11
		12P	m	2 x 11	2 x 10	2 x 9	2 x 11	2 x 10	2 x 9	2 x 11	2 x 10	2 x 9
Ø 630 mm		Nb	2	2	2	3	3	3	4	4	4	
Acoustic	Lp 4m (3)	8P	dB(A)	43	43	43	45	45	45	46	46	46
		12P	dB(A)	38	38	38	40	40	40	41	41	41
Electric defrost E1U/E1K (4)	Ω		Nb	12	12	12	12	12	12	12	12	12
	400 V/3/50 Hz		W Total	9000	9000	9000	13800	13800	13800	18000	18000	18000
			A Total	13	13	13	20	20	20	26	26	26
Electric defrost ELU/E1K+EEK (4)	Ω		Nb	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6	12+6
	400 V/3/50 Hz		W Total	13500	13500	13500	20700	20700	20700	27000	27000	27000
			A Total	19,5	19,5	19,5	30	30	30	39	39	39
ECK kit or EEK kit	Ω		Nb	6	6	6	6	6	6	6	6	6
	400 V/3/50 Hz		W Total	4500	4500	4500	6900	6900	6900	9000	9000	9000
			A Total	6,5	6,5	6,5	10	10	10	13	13	13
Nb max. kit		ECK	1	1	2	1	1	2	1	1	2	
		EEK	1	1	1	1	1	1	1	1	1	
Net weight		kg	260	292	316	349	395	433	457	506	549	
Connections R404A	Inlet	Ø (6)	1"1/8	1"1/8	1"3/8	1"3/8	1"3/8	1"5/8	1"5/8	1"5/8	2x 1"3/8	
	Outlet	Ø (7)	1"3/8	1"3/8	1"3/8	1"5/8	1"5/8	2"1/8	2"1/8	2"1/8	2"5/8	

\* Ø 630 mm - 400 V/3/50 Hz. 8P : 500 W max - 1,5 A max (5). 12P : 350 W max - 0,8 A max (5).

(1) See page 10.

(2) Residual air speed: 0.25 m/s, in compliance with standard.

(3) Average sound pressure level in dB(A) measured at 4 m, at fan height, in direct line of sight on a reflective surface, given for information only.

(4) Optional electric defrost kit.

(5) Setting of overload protection levels.

(6) Distributor: Male to be brazed.

(7) ODF = Female to receive a tube of the same diameter.

## Optimized coil for glycol water applications

## GT2I-W ... L 8/12P - 750/500 rpm.

6,35 mm

Glycol water		GT2I-W ... L 8/12P	24	26	28	34	36	38	44	46	48	
Capacity W*	DT1 = 8 K	8P	kW	22,8	33,1	-	38,4	43,2	-	45,2	65,6	-
		12P	kW	21,1	27,7	-	36,5	41,5	-	38,5	53,9	-
Surface		m <sup>2</sup>	112	168	-	168	252	-	224	336	-	

\* Glycol water - Capacity indicated for information only under the following conditions:

**Fluid:** Percentage of glycol = 30 %  
Fluid inlet temperature = - 8°C  
Fluid outlet temperature = - 4°C.

**Air:** Inlet dry temperature = + 2°C  
Relative humidity = 85 %  
Limitation of head loss at 10 m WC maximum.

**Other conditions:**  
Possible optimization of exchanger circuiting according to the operating level.  
System head loss taken into account, percentage of glycol,... (please contact us for details).

**Connection kit available:**  
• 1 kit for horizontal connection (please consult us).  
• 4 connection kits (please consult us).  
- steel weld-on sleeve  
- steel screw-on sleeve  
- steel weld-on sleeve  
- steel screw-on sleeve

CMU	CT5	CT6	CM5	CM6	M60	BAE	BXT	WCO	E1K	E1U	ELU	HG1	EEK	ECK	ECU	EGK	ECB	EIS
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

