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- 1 Installazione a pavimento.
- 2 Isolamento acustico del vano compressore.
- 3 Compressore dotato di resistenza del carter.
- 4 Condensatore con motoventilatore a 6 poli.
- 5 Ricevitore di liquido con rubinetto in uscita conforme alle prescrizioni previste dalla Direttiva 97/23/CE "Attrezzature in pressione".
- 6 Linea liquido composta da filtro a cartuccia solida e da indicatore di liquido.
- 7 Pressostato di minima regolabile a riarmo automatico. Le soluzioni adottate sono conformi alle prescrizioni previste dalla Direttiva 97/23/CE "Attrezzature in pressione".
- 8 Pressostato di massima a taratura fissa a riarmo automatico. Le soluzioni adottate sono conformi alle prescrizioni previste dalla Direttiva 97/23/CE "Attrezzature in pressione".
- 9 Rubinetti a tre vie sulle linee del liquido e di aspirazione.
- 10 Le unità UT sono dotate di scatola con morsetti di collegamento. Le unità QT sono invece dotate di quadro elettrico con la seguente componentistica: -sezionatore; -fusibili compressore e circuito ausiliario (inclusa la ventola condensatore); -teleruttore compressore.
- 11 Unità adatta all'installazione all'esterno. Uso consigliato per temperature ambiente non inferiori a 10°C. Con l'impiego di accessori opzionali è ammesso l'utilizzo per temperature inferiori.

⊛ **Optionals:**

- a **Tensione diversa.**
- b **Monitor di tensione.**
- c **Solenoide linea liquido.**
- d **Pressostato ventilatore condensatore.**
- e **Variatore di velocità ventilatore condensatore.**

UK

- 1 Floor-mounted unit.
- 2 Soundproofing of compressor compartment.
- 3 Compressor with crankcase heater.
- 4 Six poles condenser fan motor.
- 5 Liquid receiver with outlet shut off valve complying with the provisions of the "Pressure Equipment Directive" 97/23/EC.
- 6 Liquid line including solid core filter and sight glass.
- 7 Adjustable low pressure switch with automatic reset. This outfit complies with the provisions of the "Pressure Equipment Directive" 97/23/EC.
- 8 Fixed calibration high pressure switch with automatic reset. This outfit complies with the provisions of the "Pressure Equipment Directive" 97/23/EC.
- 9 Three-way valves on liquid line and suction line.
- 10 The UT units are provided with electrical connection box with terminal board. The QT units are provided with main switchboard equipped with: -main isolator, -compressor fuse, -auxiliary circuit/condenser fan fuse, -compressor contactor.
- 11 Condensing unit suitable for outdoor installation. Recommended for use at ambient temperatures not lower than 10°C. Suitable accessories are required for use at temperatures below 10°C.

⊛ **Optionals:**

- a **Special voltage.**
- b **Voltage monitor.**
- c **Liquid line solenoid valve.**
- d **Condenser fan pressure switch.**
- e **Condenser fan speed regulator.**

**R404A**

T <sub>o</sub>	-5÷-10°C	UT/QTN 060	UT/QTN 075	UT/QTN 100	UT/QTN 122	UT/QTN 120	UT/QTN 132	UT/QTN 130	UT/QTN 180	UT/QTN 250	UT/QTN 330	UT/QTN 430	UT/QTN 490
		2	2	2	2	2	2	2	3	3	4	4	4
	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
	kW	0,87	1,09	1,26	1,42	1,46	1,96	1,94	2,17	2,87	3,64	4,14	4,82
		E	E	E	E	E	E	E	E	E	E	E	E
	50 Hz	2,31	3,18	4,21	4,52	4,52	5,99	5,99	7,57	9,86	13,09	17,52	19,58
	60 Hz	2,36	3,17	3,82	5,05	5,05	5,42	5,42	7,19	9,08	-	-	-
*	dB(A)	35	35	35	36	36	36	36	41	41	41	41	41
	mm	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1
	n°xØ mm	1x350	1x350	1x350	1x350	1x350	1x350	1x350	1x400	1x400	1x450	1x450	1x450
	n°xW	1x65	1x65	1x65	1x65	1x65	1x65	1x65	1x120	1x120	1x140	1x140	1x140
	m³/h	2120	2120	2120	2120	2120	2120	2120	3290	3290	4565	4565	4565



- \* Livello sonoro a 10m (dB(A)), in campo libero.
- \* Noise level at 10m distance (dB(A)), in the open air.
- \* Schallpegel in 10m Entfernung (dB(A)), im Freien.
- \* Nivel de ruido a una distancia de 10m (dB(A)), al aire libre.
- \* Niveau sonore à 10m (dB(A)), en champ libre.
- \* Уровень звукового давления на расстоянии 10 м (dB(A)).

- |   |                                |
|---|--------------------------------|
| • Surriscaldamento gas aspirato           | • Sottoraffreddamento          |
| • Suction superheat                       | • Liquid subcooling            |
| • Sauggas-Überhitzung                     | • Unterkühlung                 |
| • Sobrecalentamiento del gas aspirado     | • Subenfriamiento              |
| • Surchauffe du gaz aspiré                | • Sous-refroidissement         |
| • Перегрев всасываемого газа = <b>11K</b> | • Переохлаждение = <b>8,3K</b> |

**6 8 2 5**  
**1 0 3 4 9 7**

 TABELLA DI SELEZIONE • SELECTION TABLE • AUSWAHLTABELLE  
 TABLA DE SELECCION • TABLEAU DE SÉLECTION • ТАБЛИЦА ВЫБОРА

T <sub>o</sub>	T <sub>a</sub>	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)	Q <sub>o</sub> (W)
<b>-5°C</b>	32°C	1496	2014	2353	2665	2654	3450	3462	4216	5427	6989	7842	9443
	38°C	1340	1797	2090	2365	2354	3056	3069	3704	4768	6133	6871	8285
<b>-10°C</b>	32°C	1222	1659	1911	2204	2195	2853	2865	3458	4446	5885	6321	7733
	38°C	1090	1475	1688	1952	1943	2523	2536	3004	3866	5105	5477	6708

**R404A**

T <sub>o</sub> -25÷-30°C	UT/QTK <b>170</b>	UT/QTK <b>220</b>	UT/QTK <b>300</b>	UT/QTK <b>450</b>	UT/QTK <b>490</b>	UT/QTK <b>620</b>
	2	2	2	3	3	4
V/ph/Hz	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
kW	1,3	1,86	2,31	3,42	4,12	5,87
50 Hz	E	E	E	E	E	S
m³/h	5,99	9,26	12,92	19,58	23,46	26,84
60 Hz	5,46	-	11,11	-	23,49	-
* dBA	36	36	36	41	41	41
mm	2,1	2,1	2,1	2,1	2,1	2,1
n°xØ mm	1x350	1x350	1x350	1x400	1x400	1x450
n°xW	1x65	1x65	1x65	1x120	1x120	1x140
m³/h	2120	2120	2120	3290	3290	4565



- \* Livello sonoro a 10m (dBA), in campo libero.
- \* Noise level at 10m distance (dBA), in the open air.
- \* Schallpegel in 10m Entfernung (dBA), im Freien.
- \* Nivel de ruido a una distancia de 10m (dBA), al aire libre.
- \* Niveau sonore à 10m (dBA), en champ libre.
- \* Уровень звукового давления на расстоянии 10 м (dBA).

- Temperatura gas aspirato
- Suction gas temperature
- Sauggasttemperatur
- Temperatura del gas aspirado
- Température du gaz aspiré
- Температура всасываемого газа = **32°C**
- Temperatura liquido sottoraffreddato
- Subcooled liquid temperature
- Temperatur der unterkühlten Flüssigkeit
- Temperatura liquido subenfriado
- Température du liquide sous-refroidi
- Температура переохлаждённой жидкости = **32°C**

- Temperatura gas aspirato
- Suction gas temperature
- Sauggasttemperatur
- Temperatura del gas aspirado
- Température du gaz aspiré
- Температура всасываемого газа = **20°C**
- Sottoraffreddamento
- Liquid subcooling
- Unterkühlung
- Subenfriamiento
- Sous-refroidissement
- Переохлаждение = **0 K**

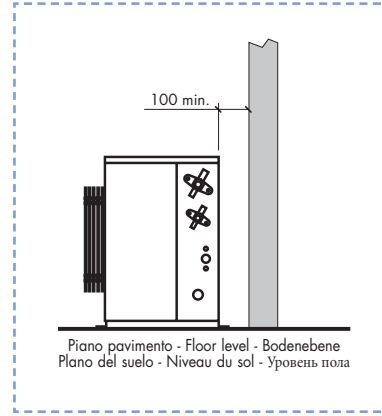
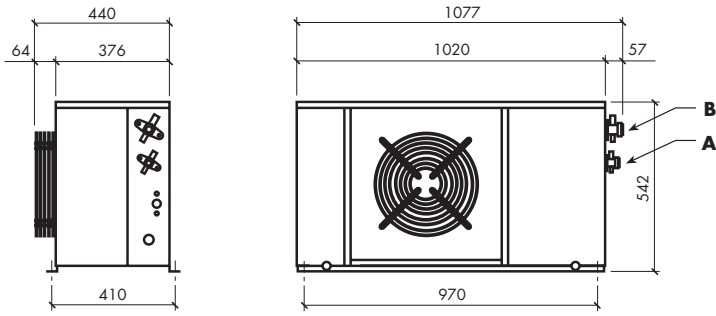
**6 8 2 5**  
**1 0 3 4 9 7**

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T <sub>o</sub>	T <sub>a</sub>	Q <sub>o</sub> (W) ▲	Q <sub>o</sub> (W) ▲	Q <sub>o</sub> (W) ▲	Q <sub>o</sub> (W) ▲	Q <sub>o</sub> (W) ▲	Q <sub>o</sub> (W) ●
-25°C	32°C	1706	2156	3129	4301	5468	6571
	38°C	1574	1981	2870	3943	5012	5772
-30°C	32°C	1365	1599	2466	3297	4288	5293
	38°C	1233	1441	2220	2964	3853	4629



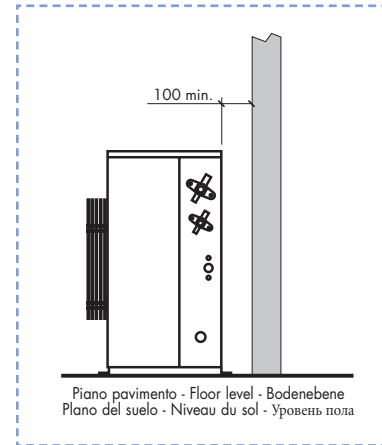
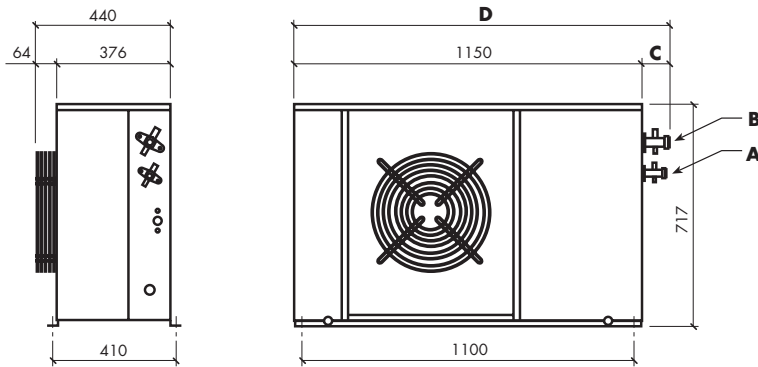
2



**A**= Tubo linea liquido / Liquid line pipe  
Flüssigkeitsleitung / Tubo línea líquido  
Tuyau ligne liquide / Жидкостная труба  $\varnothing 10$

**B**= Aspirazione / Suction pipe  
Saugleitung / Tubo de aspiración  
Tuyau aspiration / Всасывающая трубка  $\varnothing 12$  (UT/QTN060-075-100 / UT/QTk170)  
 $\varnothing 16$  (UT/QTN122-120-132-130 / UT/QTk220-300)

3

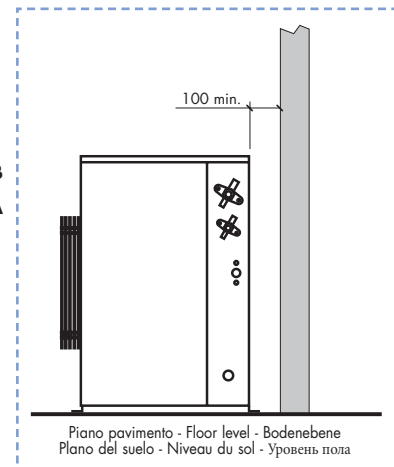
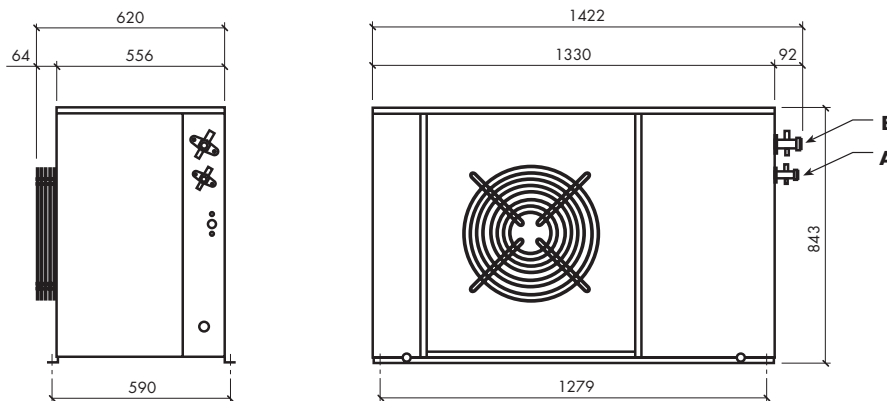


**A**= Tubo linea liquido / Liquid line pipe  
Flüssigkeitsleitung / Tubo línea líquido  
Tuyau ligne liquide / Жидкостная труба  $\varnothing 10$

**B**= Aspirazione / Suction pipe  
Saugleitung / Tubo de aspiración  
Tuyau aspiration / Всасывающая трубка  $\varnothing 16$  (UT/QTN180-250)  
 $\varnothing 18$  (UT/QTk450-490)

	C	D
UT/QTN180	57	1207
UT/QTN250	57	1207
UT/QTk450	92	1242
UT/QTk490	92	1242

4



**A**= Tubo linea liquido / Liquid line pipe  
Flüssigkeitsleitung / Tubo línea líquido  
Tuyau ligne liquide / Жидкостная труба  $\varnothing 12$

**B**= Aspirazione / Suction pipe  
Saugleitung / Tubo de aspiración  
Tuyau aspiration / Всасывающая трубка  $\varnothing 18$  (UT/QTN330-430)  
 $\varnothing 22$  (UT/QTN490 / UT/QTk620)