



i

- 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 morsettiera 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 Condensazione ad acqua.
- c Monitor di tensione.
- d Solenoide linea liquido.
- e Pressostato ventilatore condensatore.
- f Variatore di velocità ventilatore condensatore.
- g Quadro elettrico riscaldato (QT).

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- 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 Water-cooled condenser.
- c Voltage monitor.
- d Liquid line solenoid valve.
- e Condenser fan pressure switch.
- f Condenser fan speed regulator.
- g Switchboard heater (QT).











	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	1,32	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
 m³/h 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
 m³/h 60 Hz	2,36	3,17	3,82	5,05	5,05	5,42	5,42	7,19	9,08	-	-	-
 dBA	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 (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 (дБА).

- Surriscaldamento gas aspirato
- Suction superheat
- Sauggas-Überhitzung
- Sobrecaentamiento del gas aspirado
- Surchauffe du gaz aspiré
- Перегрев всасываемого газа = **11K**
- Sottoraffreddamento
- Liquid subcooling
- Unterkühlung
- Subenfriamiento
- Sous-refroidissement
- Переохлаждение = **8,3K**

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

	T _o	T _a	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	
 -5°C	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
 -10°C	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



	UT/QT 170	UT/QT 220	UT/QT 300	UT/QT 450	UT/QT 490	UT/QT 620
	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
	E	E	E	E	E	S
 m³/h 50 Hz	5,99	9,26	12,92	19,58	23,46	26,84
 m³/h 60 Hz	5,46	-	11,11	-	23,49	-
 dB(A)	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).

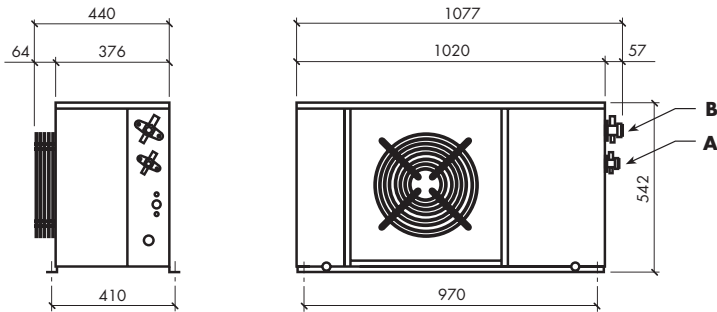
- Temperatura gas aspirato
- Suction gas temperature
- Sauggastemperatur
- Temperatura del gas aspirado
- Température du gaz aspiré
- Температура всасываемого газа = **32°C**
- Temperatura liquido sottoraffreddato
- Subcooled liquid temperature
- Temperatur der unterkühlten Flüssigkeit
- Temperatura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

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

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

	T _o	T _a	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (W)	Q _o (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

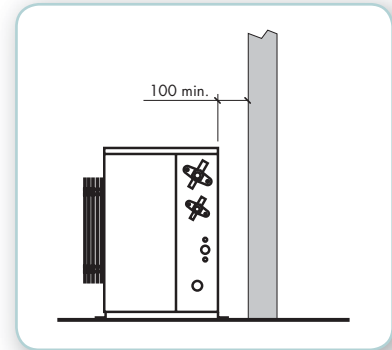
2 → dimensions



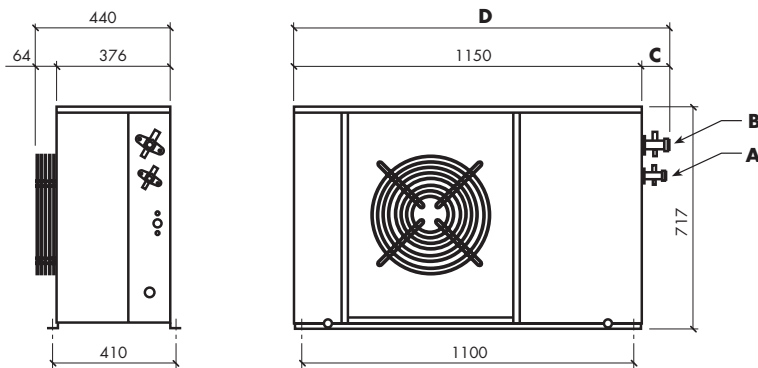
A= Tubo linea liquido / Liquid line pipe
Flüssigkeitsleitung / Tubo línea líquido
Tuyau ligne liquide / Жидкостная труба $\varnothing 10$

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)

mounting



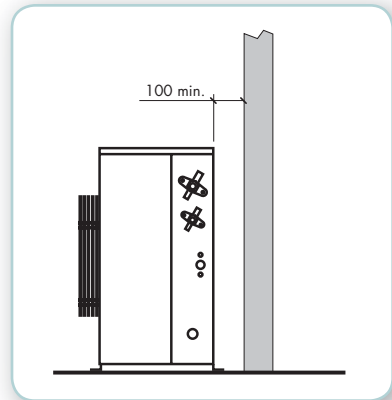
3 → dimensions



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

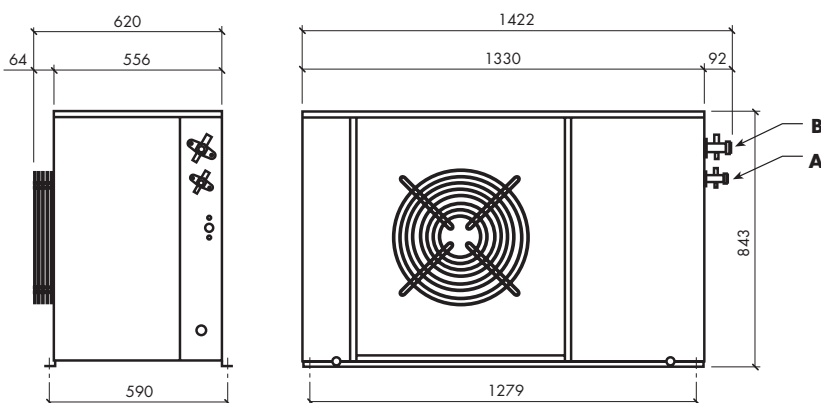
B= Aspirazione / Suction pipe
Saugleitung / Tubo de aspiración
Tuyau aspiration / Всасывающая трубка $\varnothing 16$ (UT/QTN180-250)
 $\varnothing 18$ (UT/QTk450-490)

mounting



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

4 → dimensions



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)

mounting

