

# CU-D CONDENSING UNIT

**Type:** Floor condensing unit for large volume ambients

**Powers:**

Medium temperature: 1900 ÷ 63400 Watt

Low temperature: 7800 ÷ 24000 Watt

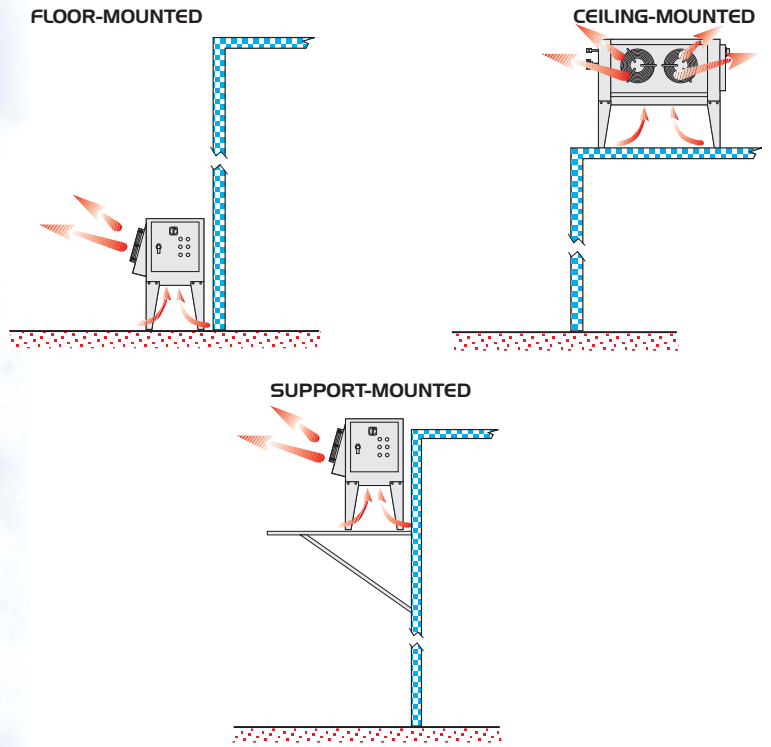
**Assembly:** horizontal both on floor and on support

**STANDARD CHARACTERISTICS**

- Hermetic or semihermetic compressors complete with integral protection
- Compressor preheat element
- Low noise high efficiency helicoidal fans
- Condensation pressure control with pressure switch
- Minimum and maximum pressure switches
- Built-in electric panel
- Liquid flow sightglass
- Liquid receiver

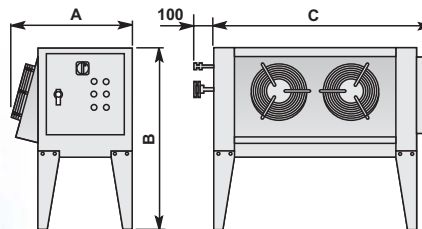
**OPTIONS**

- Condenser fans electronic speed variator
- Water cooling
- Power supply voltage control monitor (standard on models 502)
- Different voltage

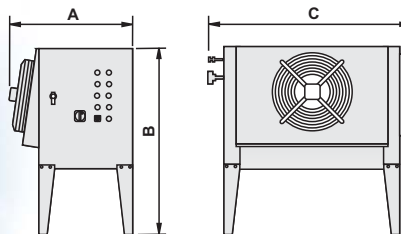


**DIMENSIONS**

CU252 D - CU352 D - CU452 D - CU502 D

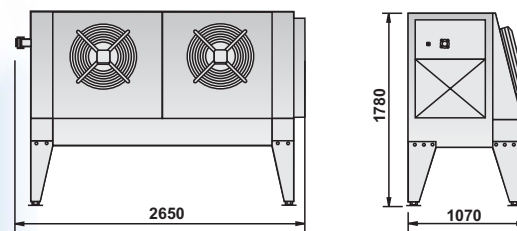


Mod./mm.	A	B	C
CU252-D	595	896	1170
CU352-D	630	996	1375
CU452-D	870	1290	1775
CU502-D	1070	1465	2025

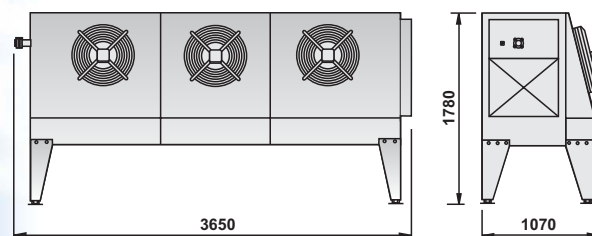


Mod./mm.	A	B	C
CU351-D	630	996	1015
CU451-D	870	1290	1245
CU501-D	870	1290	1390

CU562-D



CU563-D





UNIT				COMPRESSOR		CONDENSER	PIPE FITTINGS		REFRIGERATING CAPACITY (Watt)	
	Voltage	Nominal Absorption	Weight	Type	Nominal Horsepower	Air volume	Suction Refrigerant	T. ext. 35°C	T. ext. 40°C	
	V/Ph/Hz	KW A	kg	kw		m <sup>3</sup> /h	Ø mm. Ø mm.	-10°C	-10°C	
<b>MEDIUM TEMPERATURE</b>										
<b>GCU252ND01F</b>	230/1~/50	0.9 5.7	95	E	0.75	1850	16 10	1746	1585	
<b>GCU252TD01F</b>	400/3N~/50	1.4 3.7	94	E	0.92	1850	16 10	2031	1843	
<b>GCU351TD01F</b>	400/3N~/50	2.1 4.4	103	E	1.5	2150	16 10	3859	3469	
<b>GCU352TD01F</b>	400/3N~/50	3 6.6	135	E	2.2	3800	22 10	5802	5274	
<b>GCU451TD01F</b>	400/3N~/50	3.8 8.7	209	E	2.2	4850	22 12	7151	6376	
<b>GCU501TD01F</b>	400/3N~/50	4.8 11.1	230	E	3	6800	22 12	9268	8428	
<b>GCU452ND01F</b>	400/3N~/50	6.1 14.4	284	E	3.7	9000	28 12	12140	10925	
<b>GCU452TD01F</b>	400/3N~/50	7.1 16.4	308	S	5.5	9000	28 12	13384	11986	
<b>GCU502ND01F</b>	400/3N~/50	8.2 19.3	396	E	7.5	13700	28 16	19179	17327	
<b>GCU502TD01F</b>	400/3N~/50	10.3 23.4	398	E	11	13700	28 16	23396	21146	
<b>GCU502PD01F</b>	400/3N~/50	14.7 31.9	503	S	15	13700	35 16	28644	26318	
<b>GCU562TD01F</b>	400/3N~/50	21.4 48.7	872	S	18.5	22300	42 18	42206	38814	
<b>GCU563ND01F</b>	400/3N~/50	25.9 61	1300	S	26	34000	54 22	54259	49728	
<b>GCU563TD01F</b>	400/3N~/50	32.7 74.1	1340	S	30	33300	54 22	63166	57983	

UNIT				COMPRESSOR		CONDENSER	PIPE FITTINGS		REFRIGERATING CAPACITY (Watt)	
	Voltage	Nominal Absorption	Weight	Type	Nominal Horsepower	Air volume	Suction Refrigerant	T. ext. 35°C	T. ext. 40°C	
	V/Ph/Hz	KW A	kg	kw		m <sup>3</sup> /h	Ø mm. Ø mm.	-30°C	-30°C	
<b>LOW TEMPERATURE</b>										
<b>HCU252ND01F</b>	230/1~/50	0.9 5.5	94	E	1.1	1850	16 10	1287	1166	
<b>HCU252TD01F</b>	400/3N~/50	1.3 3.6	104	E	1.5	1850	16 10	1842	1604	
<b>HCU351TD01F</b>	400/3N~/50	1.7 3.6	111	E	2.2	2150	16 10	2392	2173	
<b>HCU352TD01F</b>	400/3N~/50	4.0 8.6	217	S	3.7	3800	28 10	4687	4118	
<b>HCU451ND01F</b>	400/3N~/50	5.6 12	271	S	3.7	4850	28 12	5329	4677	
<b>HCU451TD01F</b>	400/3N~/50	6.9 15.4	286	S	5.5	4850	28 12	7001	6100	
<b>HCU501ND01F</b>	400/3N~/50	7.1 16.1	298	S	5.5	6800	35 12	7509	6583	
<b>HCU501TD01F</b>	400/3N~/50	8.5 17.8	305	S	7.5	6800	35 12	9598	8501	
<b>HCU452ND01F</b>	400/3N~/50	9.7 22.4	422	S	9.2	9000	42 12	11276	10079	
<b>HCU452TD01F</b>	400/3N~/50	11.4 24.7	422	S	11	9000	42 12	13340	11615	
<b>HCU502ND01F</b>	400/3N~/50	14.4 32.6	503	S	15	13700	54 16	17508	15353	
<b>HCU502TD01F</b>	400/3N~/50	16.4 36.6	555	S	18.5	13700	54 16	21539	18798	
<b>HCU502PD01F</b>	400/3N~/50	19 41.9	555	S	22	13700	54 16	24033	21043	
<b>HCU562ND01F</b>	400/3N~/50	20.6 47.1	895	S	22	22800	54 18	26383	23113	
<b>HCU562TD01F</b>	400/3N~/50	32 73.3	1040	S	30	22300	54 18	33501	29341	
<b>HCU563ND01F</b>	400/3N~/50	35 83.7	1340	S	37	34000	64 22	43365	37805	
<b>HCU563TD01F</b>	400/3N~/50	40.2 94.3	1350	S	44.5	33300	64 22	50303	44025	

**E** = Hermetic compressor  
**S** = Semihermetic compressor  
 \* = Use "air throw" as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.