

## Food Preparation Low Temperature Cassettes

**CC600 & CC875  
THE MARSTAIR LOW  
TEMPERATURE CASSETTES  
DELIVER COOLING DOWN TO  
8°C AND ARE SUITABLE FOR A  
VARIETY OF REFRIGERATION  
APPLICATIONS.**

### SYSTEMS

Matched split systems (the CKC+ system or the DCU+ ducted system) make the cassettes ideally suited to food preparation areas and low temperature storage for products such as flowers and chocolate.



### CASSETTE ONLY

Alternatively, the cassettes can be supplied separately and combined with existing R404A refrigeration packs for supermarket applications. An evaporator pressure regulator, thermostatic expansion valve and room thermostat would be supplied and fitted by the installer.



### Specification

- Electromechanical controls only
- Low sound levels
- Long air throws
- 3 or 4 way air discharge
- De-ice thermostat
- Removable, lightweight, one-piece chassis
- Integral, easy to clean, drain tray
- Easy filter access and long life washable filters
- Modern, slim, square fascia with rounded corners
- All services accessed from one corner
- Coil cleaning from all sides
- Fan guard for safety
- Fresh air inlet provision and branch duct provision
- 0.5m life pump for condensate removal
- Pipe runs up to 80m on matched systems (CKC+ and DCU+ 15-30 only suitable for 50m pipe runs)
- Fan speed range selection by installer to suit application

## Technical Information

LOW TEMPERATURE CASSETTE SYSTEM MATCHES									
COOLING DUTIES (32°C AMBIENT)		COOLING DUTIES (32°C AMBIENT)							
INDOOR	OUTDOOR	10.0°C DB / 75% RH		12.7°C DB / 10°C WB		14°C DB / 75% RH		16°C DB / 75% RH	
COOLING ONLY SYSTEMS		TOTAL kW	SENSIBLE kW	TOTAL kW	SENSIBLE kW	TOTAL kW	SENSIBLE kW	TOTAL kW	SENSIBLE kW
CC600 20	CKC/DCU+ 15	-	-	-	-	-	-	1.74	1.23
CC600 40	CKC/DCU+ 15	1.72	1.35	-	-	-	-	-	-
CC600 40	CKC/DCU+ 20	-	-	2.22	1.66	-	-	-	-
CC600 40	CKC/DCU+ 30	-	-	-	-	2.97	1.91	-	-
CC600 60	CKC/DCU+ 20	2.22	1.69	2.30	1.80	2.49	1.74	2.66	1.77
CC600 60	CKC/DCU+ 30	-	-	3.05	2.14	3.19	2.08	3.39	2.10
CC600 60	CKC/DCU+ 50	-	-	-	-	4.52	2.76	4.81	2.80
CC875 80	CKC/DCU+ 30	3.05	2.53	-	-	-	-	-	-
CC875 80	CKC/DCU+ 40	3.52	2.77	3.78	3.03	-	-	-	-
CC875 80	CKC/DCU+ 60	-	-	-	-	5.41	3.59	5.77	3.66
CC875 80	CKC/DCU+ 80	-	-	-	-	-	-	6.46	3.98
CC875 110	CKC/DCU+ 50	4.77	3.53	-	-	-	-	-	-
CC875 110	CKC/DCU+ 60	5.06	3.69	5.48	3.99	5.75	3.85	-	-
CC875 110	CKC/DCU+ 80	-	-	-	-	6.47	4.20	6.85	4.26
CC875 140	CKC/DCU+ 80	5.81	4.11	6.21	4.39	6.52	4.26	-	-
CC875 140	CKC+ 90	-	-	-	-	7.45	4.72	7.91	4.79
CC875 140	CKC+ 100	-	-	-	-	-	-	8.67	5.15

For duties at temperatures lower than 10°C, contact TEV Technical Services of your Marstair Distributor

CASSETTE ONLY PERFORMANCE (LINKED TO REFRIGERATION PACK)						
INDOOR UNIT	TOTAL COOL @ 12.7°C, 70% RH ROOM, 0°C EVAPORATING, R404A			BRAZED CONNECTIONS		WEIGHT
CEILING CASSETTE	LOW	MEDIUM	HIGH	SUCTION	LIQUID / EXPANSION	
CC600 60	1.90	2.45	3.07	5/8"	3/8"	25
CC875 140	3.94	5.39	6.78	3/4"	1/2"	44

## Condensing Unit Details

DIMENSIONS AND WEIGHTS - CKC+ 15-100						
MODEL	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (mm)		SOUND LEVELS dBA
				1Ph	3Ph	
CKC+ 15	560	900	300	45	-	40
CKC+ 20	560	900	300	46	-	40
CKC+ 30	560	900	300	48	48	41
CKC+ 40	560	900	300	53	53	41
CKC+ 50	660	1000	300	64	62	40
CKC+ 60	660	1000	300	65	63	40
CKC+ 80	660	1000	300	66	64	40
CKC+ 90	760	1000	350	76	73	43
CKC+ 100	760	1000	350	-	81	44

DIMENSIONS AND WEIGHTS - DCU+ 15-80					
MODEL	HEIGHT (mm)**	WIDTH (mm)	DEPTH (mm)	SPIGOT (mm)	WEIGHT (mm)
DCU+ 15	495	1004	510	354	75
DCU+ 20	495	1004	510	354	75
DCU+ 30	495	1004	510	354	77
DCU+ 40	560	1174	510	404	86
DCU+ 50	560	1174	510	404	90
DCU+ 60	560	1174	510	404	91
DCU+ 80	560	1174	510	404	92

\*\*Not including mounting feet 65mm

Sound pressure levels at 10m distance in free field conditions (reference  $2 \times 10^{-5} \text{N/m}^2$ )



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TEV has earned management system accreditations – BSI 14001: 2015 Environmental Management and BSI 9001: 2015 Quality Management.



In partnership with



Part No: 06617642-09