marstair

A Division of TEV Ltd

CX(E)A cellarator

R410A cellar cooling

COMPETITIVE RANGE OF R410A CELLAR COOLERS

BASED ON THE SAME HIGH SPECIFICATION INDOOR UNITS AS OUR SUCCESSFUL CX(E)/CKC RANGE

AVAILABLE IN 4 CAPACITIES 2.3 TO 5.6KW

FEATURES

New 5.6 KW System

- LP Switch
- 3 minute timer
- Random start contactor
- De-ice stat as standard

The Cellarator is available in 2 versions:

- CXA ELECTROMECHANICAL (this unit has optional digital temperature display)
- CX(E)A with electronic control

SPECIFICATION

- Designed with a high impact resistant moulded polymer cabinet impregnated with an anti-bacterial additive to help prevent mold growth
- 6 fins-per-inch brewery specification heat exchanger
- Rounded corners, mounting brackets suitable for both wall and ceiling mounting and a waterproof power switch
- Direct access to the electrics at the front of the unit
- ABS drain tray incorporating standard 22mm OD fitting drain stub
- Up to 15m pipe runs
- Easy to install field fit electric heater kit with factory fit option
- Air throws to suit all applications

Technical Information

Guide to Cooling Duty

SYSTEM	DUTY @ 12.7°C 27°C AMBIENT			DUTY @ 12.7°C 35°C AMBIENT			DUTY @ 8°C 27°C AMBIENT			DUTY @ 8°C 35°C AMBIENT			INTERCONNECTING PIPEWORK	
	TD (kW)	SD (kW)	INPUT (kW)	TD (kW)	SD (kW)	INPUT (kW)	TD (kW)	SD (kW)	INPUT (kW)	TD (kW)	SD (kW)	INPUT (kW)	SUCTION	LIQUID/ EXPANSION
CX(E)A 30 / CKA 35	2.28	1.98	1.17	2.20	1.77	1.30	1.79	1.69	1.15	1.73	1.20	1.25	1/2"	1/4"
CX(E)A 50 / CKA 35	3.25	2.48	1.19	2.83	2.15	1.25	3.06	2.36	1.15	2.66	1.80	1.25	1/2"	1/4"
CX(E)A 50 / CKA 50	4.25	2.90	1.62	3.50	2.45	1.60	3.44	2.40	1.51	2.83	2.00	1.50	1/2"	1/4"
CX(E)A 70 / CKA 70	5.60	3.83	2.31	4.62	3.24	2.46	4.54	3.17	2.16	3.74	2.60	2.30	5/8"	3/8"

Approximate Guide to Cellar Sizing in m^3 at 27°C Ambient

SYSTEM	ABOVE GROUND		BELOW GROUND	
	CELLAR IN m^3		CELLAR IN m^3	
	8°C	12.7°C	8°C	12.7°C
CX(E)A 30 / CKA 35	20	26	25	31
CX(E)A 50 / CKA 35	25	30	31	39
CX(E)A 50 / CKA 50	30	42	46	57
CX(E)A 70 / CKA 70	40	55	61	75

Dimensions and Weights

CX(E)A

CXA

CX(E)A Indoor Unit

UNPACKED DIMENSIONS				
SYSTEM	HEIGHT mm	WIDTH mm	DEPTH mm	WEIGHT kg
CX(E)A 30	467	845	320	18
CX(E)A 50	467	845	320	20
CX(E)A 70	467	845	320	23

CKA Outdoor Unit

UNPACKED DIMENSIONS				
SYSTEM	HEIGHT mm	WIDTH mm	DEPTH mm	WEIGHT kg
CKA 35	552	760	256	34
CKA 50	552	760	256	42
CKA 70	660	860	307	56

FM 00671 EMS 91502

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For full design information, reference should be made to the technical manual.
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