

AIR COOLING UNIT

Sr. No.	Make	Model No.	Rated Capacity in KW / TR	Heat Transfer Area in sq. mtr.	No of Rows	Fins Per Inch / Fin Spacing in MM	Air Flow in CMH	Face Velocity in m/s	Fan Static in MM	Fan Motor BKW / KW per fan	Air Throw in mtrs.	Fan Diameter	No of Fans
1	S t a r C o o l e r s & C o n d e n s e r s	CICA - 2046	13 / 3.7	77	4	6 / 4.2	13100	3.22	10	0.4 / 0.55	20 to 25	500 (1440 RPM)	2
2		CICA - 2066	18 / 5.1	115.6	6	6 / 4.2	13100	3.22	10	0.4 / 0.55	20 to 25	500 (1440 RPM)	2
3		CICA - 2146SP	23 / 6.5	137	4	6 / 4.2	30000	4.14	10	0.98 / 1.1	20 to 25	710 mm (960 RPM) OR 630 mm (1440 RPM)	2
4		CICA - 2166SP	30 / 8.5	205.5	6	6 / 4.2	30000	4.14	10	0.98 / 1.1	20 to 25	710 mm (960 RPM) OR 630 mm (1440 RPM)	2
5		CICA - 3046	19 / 5.4	115.6	4	6 / 4.2	19700	3.22	10	0.4 / 0.55	20 to 25	500 (1440 RPM)	3
6		CICA - 3066	26 / 7.4	173.4	6	6 / 4.2	19700	3.22	10	0.4 / 0.55	20 to 25	500 (1440 RPM)	3
7		CICA - 3146SP	34 / 9.7	205.5	4	6 / 4.2	45000	4.14	10	0.98 / 1.1	20 to 25	710 mm (960 RPM) OR 630 mm (1440 RPM)	3
8		CICA - 3166SP	46 / 13	308.3	6	6 / 4.2	45000	4.14	10	0.98 / 1.1	20 to 25	710 mm (960 RPM) OR 630 mm (1440 RPM)	3
9		CICA - 4046	25 / 7.1	154.2	4	6 / 4.2	26200	3.22	10	0.4 / 0.55	20 to 25	500 (1440 RPM)	4
10		CICA - 4066	35 / 10	231.2	6	6 / 4.2	26200	3.22	10	0.4 / 0.55	20 to 25	500 (1440 RPM)	4
11		CICA - 4146SP	45 / 12.8	274	4	6 / 4.2	60000	4.14	10	0.98 / 1.1	20 to 25	710 mm (960 RPM) OR 630 mm (1440 RPM)	4
12		CICA - 4166SP	61 / 17.3	411	6	6 / 4.2	60000	4.14	10	0.98 / 1.1	20 to 25	710 mm (960 RPM) OR 630 mm (1440 RPM)	4

Note : The above selections are based on -4 Deg CSST and with TD of 6 Deg C

MOC : Stainless Steel 304 L tubes with Plain Aluminium fins and GI powder coated casework



Certificate of Product Ratings

AHRI Certified Reference Number: 4072701 Date: 8/5/2010 †Status: Active

Product: Forced Circulation Air-Cooling and Air-Heating Coils

Coil Type or Line Designation: CK

Manufacturer: STAR COOLERS & CONDENSERS PVT. LTD.

Trade/Brand name: STAR COOLER

Rated as follows in accordance with AHRI Standard 410-2001 for Forced Circulation Air-Cooling and Air-Heating Coils and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

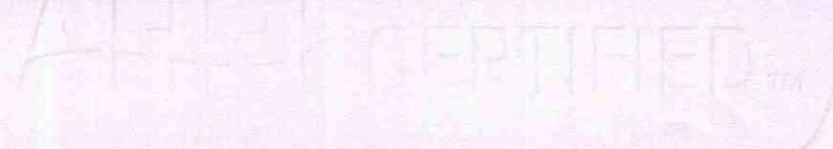
Fluid(s) Used: Chilled Water;

Catalog Number:

Catalog Issue Date/Code:

Software Version Number: Cool+Cond_22_03_2010_V1_00_0002.EXE

FootNote 275 - Ratings for AHRI reference number 4072701, Star Coolers Model Designation "CK" coils have been revised as a result of verification test in Computer Software COMPUTAIR LTD Version Cool+Cond_22_03_2010_V1_00_0002.EXE. To obtain correct certified values for "CK" coils, multiply the Air-Side Pressure Drop by 1.420, the Water-Side Pressure Drop by 1.329 and the Cooling Capacity by 0.946. This footnote was added on 2 July 2010.



* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

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