

# COOL OFF

TECCON CHILLED WATER SYSTEM

RANGES AVAILABLE FROM 1 TR TO 10 TR  
EXCLUSIVE - EXCELLENT WORKMANSHIP  
EFFICIENT PERFORMANCE

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TECCON CHILLED WATER SYSTEM

Teccon make chilling plant is designed for a wide range from 1 TR to 10 TR. There will be a hot water tank in our system from where the water is being pumped thru the evaporator, gets cooled to the required temp and sent to the user department. There will be a temp indicating controller which controls the temp of the chilled water. The system working is controlled by the set point of the temp controller to stabilise the chilled water generated to the required level.

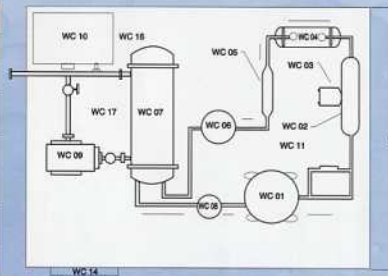
Refrigeration circuit : The system is designed for R22. Reputed brand compressors are being used for our entire range to give trouble free operation. The allied refrigeration components used are of reputed make, proven design and trouble free operation. System safety wherever applicable are well taken care of by incorporating LPHP cutouts, water pressure switch anti freezing device, electrical overload device for the pumps and fan motors of the condenser coil. Our chilling plants of various capacities are working successfully throughout India.



WC 01	HERMETICALLY SEALED COMPRESSOR	1	AH551E-10	AH5531E-30	AG5536F-30	AG5560F-30	QR11M7FD-30	OR15M7FD-552-30
WC 02	AIR COOLED CONDENSOR	1	22" x 15" TECCON	24" x 24" TECCON	22" x 36" TECCON	48" x 24" TECCON	60" x 36" TECCON	72" x 36" TECCON
WC 03	COOLING FAN WITH MOTOR	1	16" - 1/5 HP	18" - 1/5 HP	24" - CROMPTON	18" - CROMPTON 2 Nos	24" - CROMPTON 2 Nos	24" - CROMPTON 2 Nos
WC 04	LIQUID RECEIVER	1	1 TR TECCON	2 TR TECCON	3 TR TECCON	5 TR TECCON	7.5 TR TECCON	10 TR TECCON
WC 05	DRIER CUM FILTER	1	DANFOSE 3/8	DANFOSE 3/8	DANFOSE 3/8	DANFOSE 3/8	UNIVERSAL	UNIVERSAL
WC 06	EXPANSION VALVE	1	DANFOSE - TEX 2-03	DANFOSE - TEX 2-04	ALCO-TCLE-3HW	ALCO-TCLE-5HW	ALCO-TCLE-8HW	ALCO-TCLE-10HW
WC 07	CHILLER	1	4/30 TECCON	4/36 TECCON	6/30 TECCON	8/42 TECCON	8/54 TECCON	8/66 TECCON
WC 08	ACCUMULATOR	1	NOT REQUIRED	NOT REQUIRED	3738 COPELAND	3700 COPELAND	3700 COPELAND	3700 COPELAND
WC 09	WATER PUMP WITH MOTOR	1	0.5 HP SHARP	0.5 HP SHARP	1 HP SHARP	1 HP SHARP	2 HP SHARP	2 HP SHARP
WC 10	TANK - 500 X 500 X 900 mm	1	200 X 200 X 600	300 X 300 X 600	400 X 400 X 600	500 X 500 X 900	500 X 500 X 900	500 X 500 X 900
WC 11	LP / HP CUTOUT	1	INFOSE - MP15	INFOSE - MP15	INFOSE - MP15	INFOSE - MP15	INFOSE - MP15	INFOSE - MP15
WC 12	LOW PRESSURE GAUGE	1	0 - 30 - 300	0 - 30 - 300	0 - 30 - 300	0 - 30 - 300	ADHARSH 0 - 30 - 300	ADHARSH 0 - 30 - 300
WC 13	HIGH PRESSURE GAUGE	1	0-500 PSI	0-500 PSI	0-500 PSI	0-500 PSI	0-500 PSI	0-500 PSI
WC 14	ELECTRICAL PANEL	1	TECCON / BCH	TECCON / BCH	TECCON / BCH	TECCON / BCH	TECCON / BCH	TECCON / BCH
WC 15	TEMP IND CONTROLLER	1	REPUTED MAKE	REPUTED MAKE	REPUTED MAKE	REPUTED MAKE	REPUTED MAKE	REPUTED MAKE
WC 16	TEMP SENSOR	1	PT100	PT100	PT100	PT100	PT100	PT100
WC 17	ISOLATING VALVES	2	3/8 X 3/8 REPUTED	5/8 X 5/8 REPUTED	COPELAND	COPELAND	COPELAND	COPELAND

### WATER SIDE NOZZLE DETAILS

SIZE	INLET	OUTLET	WATER FLOW
1T	1/2"	1/2"	10 LPM
2T	3/4"	3/4"	20 LPM
3T	3/4"	3/4"	30 LPM
5T	1"	1"	50 LPM
7.5T	1-1/2"	1-1/2"	75 LPM
10T	1-1/2"	1-1/2"	100 LPM



For further details please consult :



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