



SCT SERIES

SCT	SCT X2	SCT X3	SCT Quatra
SCT-H	SCT X2-H	SCT X3-H	SCT Quatra-H
SCT-Quiet	SCT X2-Q	SCT X3-Q	SCT Quatra-Q
SCT-HH	SCT X2-HH	SCT X3-HH	SCT Quatra-HH





Gem Equipments Private Limited, a manufacturer of compressed air dryers and cooling system since 1984.

- An ISO 9001:2015 certified company, specialising in design, engineering and fabrication of compressed air dryers, cooling towers & filters.
- With an aim of satisfying the needs of all customers and providing a complete solution to plant engineering and utility requirements.



- GEM was established by a group of technocrats with a strong commitment towards excellence.
- The headquarters and manufacturing facility is setup in Coimbatore and with sales offices & warehouses in major cities across India.
- Using advanced technology, GEM accomplishes perfection in manufacturing with latest SAP - ERP.
- Modern production facility comprises of three sections: manufacturing, fabrication and testing. Each section is handled by highly trained engineers and workforce comprising of more than 200 skilled employees.
- GEM's range of cooling systems are in compliance with the quality standards set by the industry.
- FRP components are made out of best material and use of RTM and hand moulding process.
- All products manufactured are inspected for technology, quality and design parameters.
- Gem Equipments is committed to enhance customer satisfaction before and after sales.
- Wide distribution network set across domestic and international market.



SCT

WHERE 'COST' MATTERS



- High efficiency
- Compact
- Low maintenance cost

SCT-H

WHERE 'HIGH TEMP FILLS' MATTERS



- High temperature upto 65°C
- ABS fills
- Belt drive*
- Power saving

SCT-QUIET

WHERE 'NOISE' MATTERS



- Low noise - upto 74dBA*
- Power saving
- Belt drive*
- Fan deck

SCT-HH

WHERE 'TEMP' MATTERS



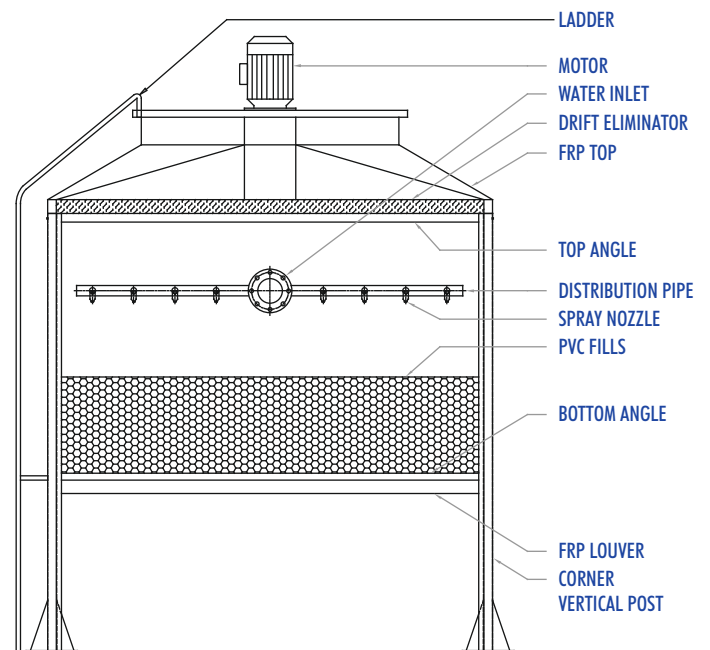
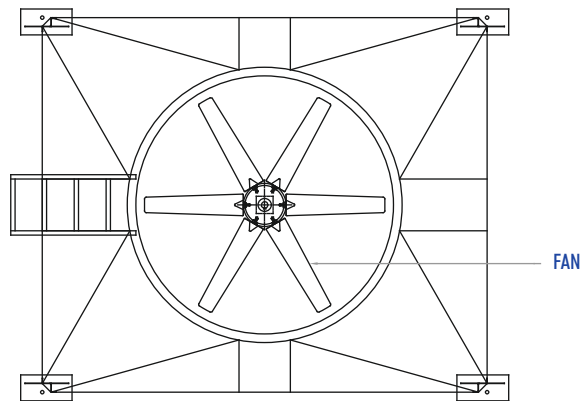
- High temperature upto 80°C
- ABS fills
- ABS (or) Aluminum sprinkler
- Water distribution U-PVC pipe

*depends on model

SCT SERIES

COOLING TOWERS

GEM experience in cooling tower design, manufacture, usage and maintenance, GEM has produced SCT-H, SCT-QUIET, SCT-HH series FRP counter flow square type cooling tower through advanced technology in thermal exchange. SCT-H series cooling tower is with ABS Fills and belt drive. SCT-QUIET series cooling tower with belt drive & fan stacks. SCT-HH Series cooling tower is with C-PVC Water distribution and ABS fills. The cooling tower could be selected as single-cell unit or multi-cell units according to installation site. Fill sheet is C-12 series the features of inducing flow, thermal exchange and drift eliminator. It can effectively prevent contaminant from going into the water system and reduce the noise. The suspended fill sheet is a good PVC & ABS material and has the features of high efficiency of thermal exchange and less drift loss. A maintenance access door is easy to clean and maintain the cooling tower. In general, there are many characteristics in GEM SCT series cooling tower, such as good appearance, stable structure, low noise, high efficiency of thermal exchange, long operational **life and anticorrosion**.



FRAMEWORK



Except hot dipping galvanized steel structure, ribs are added on FRP casing panel. So it enhances the capability of wind resistance and earth quake proof.

FAN



All fan blades are reinforced nylon, aluminium alloy or fibreglass (FRP) with adjustable pitch. Blade pitch is pre-set and balanced at factory.

High efficiency aero dynamic fan: axial flow, direct (or) belt driven, low noise, long life, corrosion free aluminium, computerised balanced and wind tunnel tested

MOTOR



All fan motors are water-proof and totally enclosed (TEAO). Cooling tower motors are extended shaft flange mounted frame with weather proof IP55 Class F insulation.

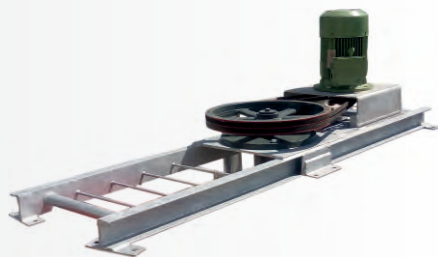
FILLS



The efficiency of a cooling tower depends upon its fill. The GCT Fill is made of rigid PVC film of flame retardant quality with high heat exchange efficiency. ABS fill is suitable for operation with inlet water temperature up to 80°C.

The High efficiency fill reduces the motor input HP and assures uniform distribution of water, with minimum resistance to air flow.

BELT DRIVE REDUCER



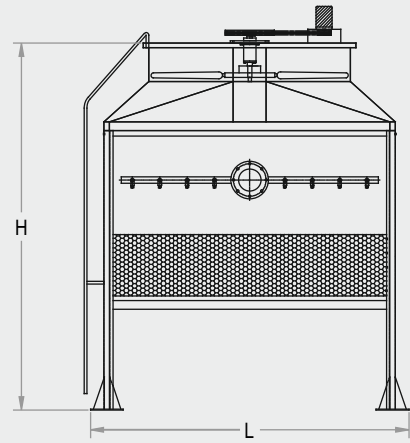
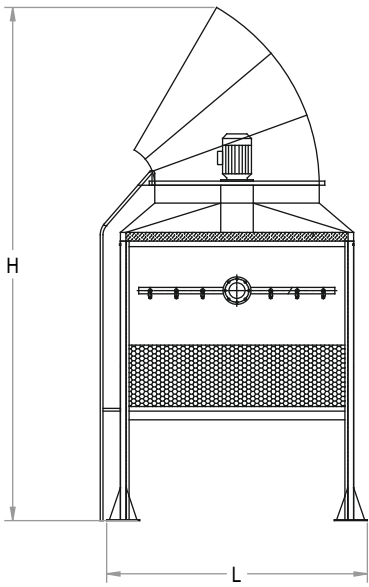
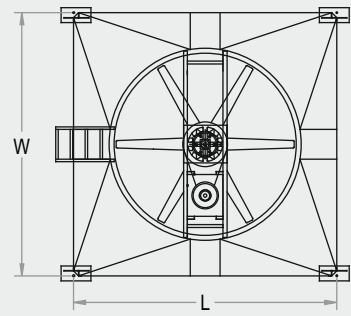
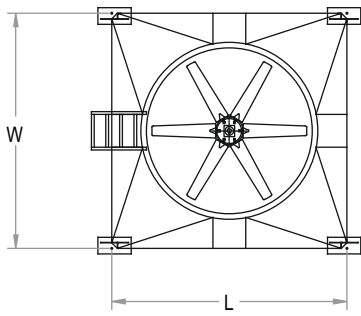
Belt drive motors are flange mounted adjustable base located inside the fan stack ensuring lower noise level. The fans are V-Belt driven and are located in the bottle neck of fan stack ensuring free and smooth air discharge and high efficiency with low power consumption.

NOZZLE

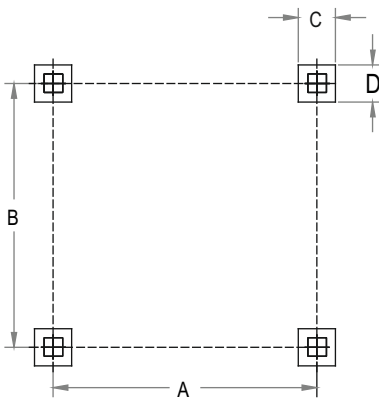


All nozzles are designed to be with special big orifice so they will not get clogged as what were usually used. Moreover, being installed inside the towers, nor will the nozzles accept dirty from environmental pollution.

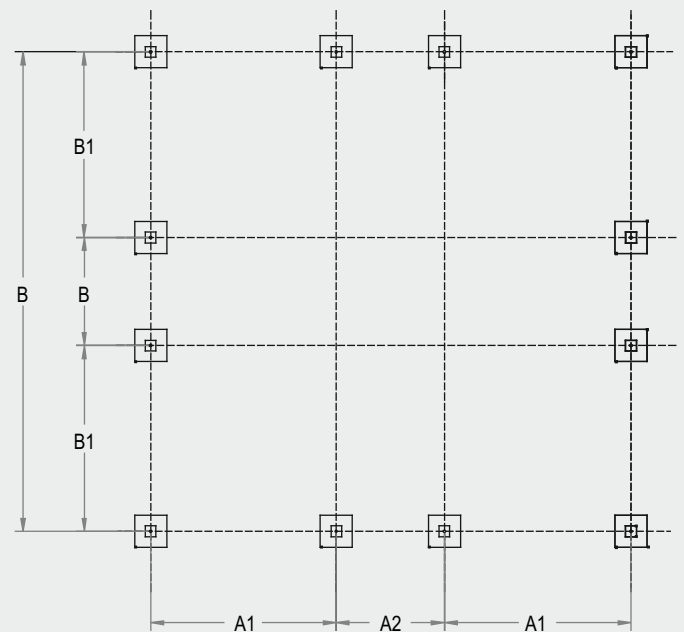
SCT SERIES



SCT FOUNDATION DETAILS



FOUNDATION SCT 100TR-300 TR



FOUNDATION SCT 400TR-1000 TR

SCT SERIES

DESIGN CONDITION :

FLOW RATE = 12 LPM

RANGE = 4°C

APPROACH = 4°C

NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

SCT-SINGLE TECHNICAL SPECIFICATION

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SCT-100	100	2130	2130	3100	5	1400	960	1200	790	575	1100
SCT-150	150	2580	2180	3100	5	1400	960	1800	950	690	1300
SCT-200	200	2660	2660	3250	7.5	1800	720	2400	1250	950	1700
SCT-250	250	3060	2630	3250	10	1800	720	3000	1520	1075	2100
SCT-300	300	3060	3060	3300	12.5	2400	570	3600	1900	1270	2400
SCT-400	400	4000	4000	4360	15	2400	570	4800		2150	4300
SCT-500	500	4500	4500	4360	20	3060	1440	6000		2400	4700
SCT-600	600	5200	5200	5030	20	3660	1440	7200		2800	5350
SCT-800	800	6000	6000	5730	25	4270	1440	9600		3200	5600
SCT-1000	1000	7000	7000	6400	30	4870	1440	12000		4350	7000

SCT-H TECHNICAL SPECIFICATION

COOLING TOWER OPERATE TEMPEARTURE UPTO 65°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SCT-100H	100	2130	2130	3100	3	1400	960	1300	790	575	1100
SCT-150H	150	2580	2180	3100	3	1400	960	1900	950	690	1300
SCT-200H	200	2660	2660	3250	5	1800	1440	2600	1250	950	1700
SCT-250H	250	3060	2630	3250	7.5	1800	1440	3250	1520	1075	2100
SCT-300H	300	3060	3060	3300	7.5	2400	1440	3900	1900	1270	2400

NOISE LEVEL = 60-74 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

SCT-Q TECHNICAL SPECIFICATION

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SCT-100Q	100	2130	2130	4678	3	1400	960	1300	790	575	1100
SCT-150Q	150	2580	2180	4678	3	1400	960	1900	950	690	1300
SCT-200Q	200	2660	2660	5302	5	1800	1440	2600	1250	950	1700
SCT-250Q	250	3060	2630	5302	7.5	1800	1440	3250	1520	1075	2100
SCT-300Q	300	3060	3060	5735	7.5	2400	1440	3900	1900	1270	2400

NOISE LEVEL = 70-85 dBA

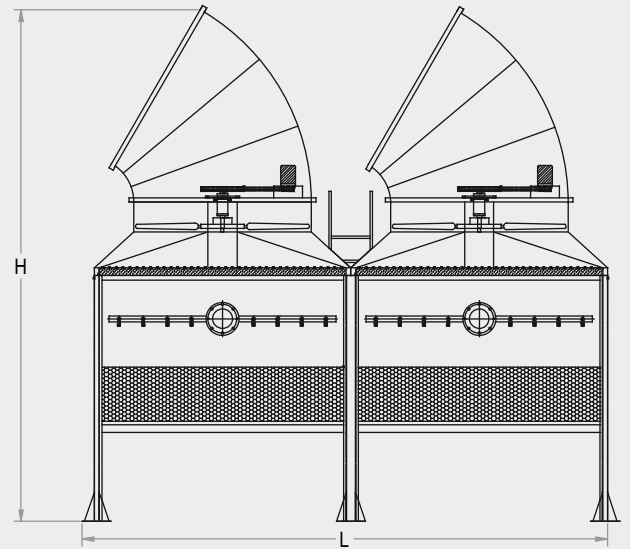
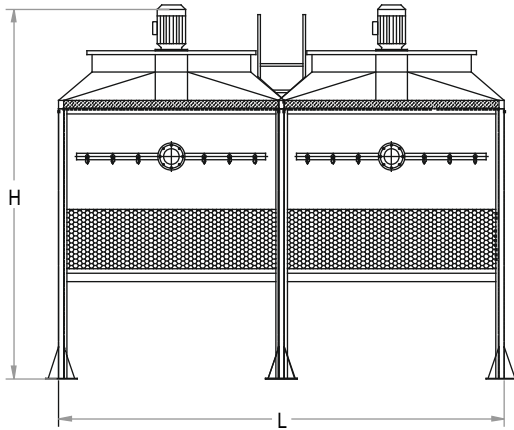
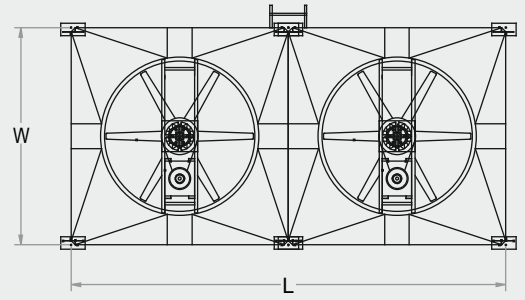
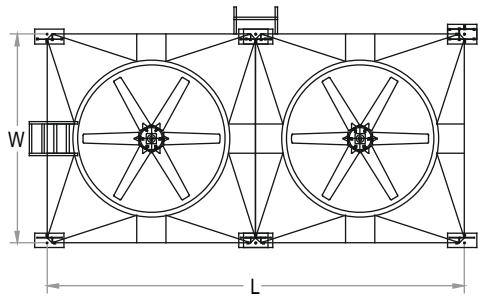
COOLING TOWER OPERATE TEMPEARTURE UPTO 80°C

SCT-HH TECHNICAL SPECIFICATION

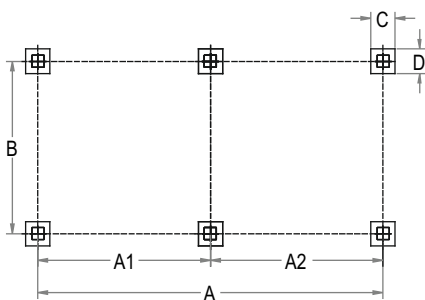
MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SCT-100HH	100	2130	2130	3100	5	1400	960	1300	790	575	1100
SCT-150HH	150	2580	2180	3100	5	1400	960	1900	950	690	1300
SCT-200HH	200	2660	2660	3250	7.5	1800	720	2600	1250	950	1700
SCT-250HH	250	3060	2630	3250	10	1800	720	3250	1520	1075	2100
SCT-300HH	300	3060	3060	3300	12.5	2400	570	3900	1900	1270	2400

MODEL	FOUNDATION DIMENSION							
	A (mm)	B (mm)	A1 (mm)	A2 (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)
SCT-100	2130	2130	-	-	-	-	300	300
SCT-150	2180	2580	-	-	-	-	300	300
SCT-200	2660	2660	-	-	-	-	300	300
SCT-250	2660	3060	-	-	-	-	300	300
SCT-300	3060	3060	-	-	-	-	300	300
SCT-400	4000	4000	1495	1010	1495	1010	300	300
SCT-500	4500	4500	1745	1010	1745	1010	300	300
SCT-600	5200	5200	2095	1010	2095	1010	300	300
SCT-800	6000	6000	2495	1010	2495	1010	300	300
SCT-1000	7000	7000	2995	1010	2995	1010	300	300

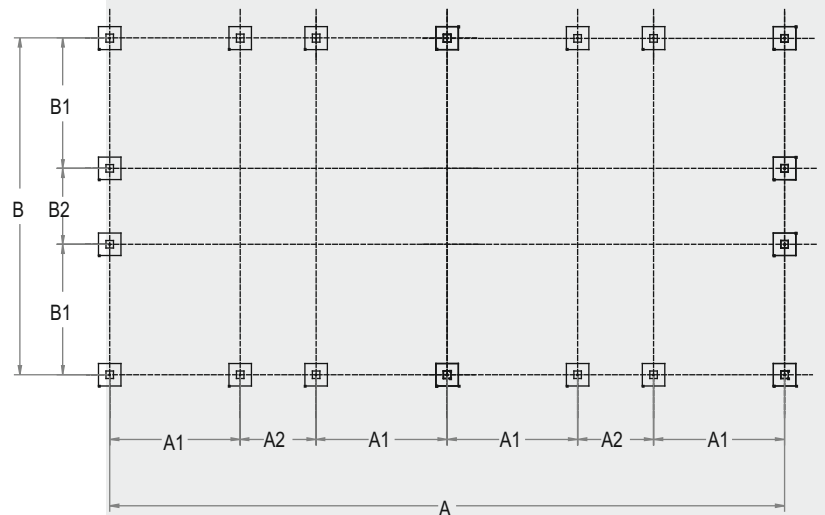
S2T SERIES



S2T FOUNDATION DETAILS



FOUNDATION S2T 100TR -300TR



FOUNDATION S2T 400TR-1000TR

S2T SERIES

DESIGN CONDITION :

FLOW RATE = 12 LPM

RANGE = 4°C

APPROACH = 4°C

NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

S2T-SINGLE TECHNICAL SPECIFICATION

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S2T-100	200	4260	2130	3100	5x2 nos	1400x2 nos	960	2400	790	575	1100
S2T-150	300	5160	2180	3100	5x2 nos	1400x2 nos	960	3600	950	690	1300
S2T-200	400	5260	2630	3250	7.5x2 nos	1800x2 nos	720	4800	1250	950	1700
S2T-250	500	6120	2630	3250	10x2 nos	1800x2 nos	720	6000	1520	1075	2100
S2T-300	600	6120	3060	3300	12.5x2 nos	2400x2 nos	570	7200	1900	1270	2400
S2T-400	800	8000	4000	4360	15x2 nos	2400x2 nos	570	9600		2150	4300
S2T-500	1000	9000	4500	4360	20x2 nos	3060x2 nos	1440	12000		2400	4700
S2T-600	1200	10400	5200	5030	20x2 nos	3660x2 nos	1440	14400		2800	5350
S2T-800	1600	12000	6000	5730	25x2 nos	4270 x2 nos	1440	19200		3200	5600
S2T-1000	2000	14000	7000	6400	30x2 nos	4870 x2 nos	1440	24000		4350	7000

S2T-H TECHNICAL SPECIFICATION

COOLING TOWER OPERATE TEMPEARTURE UPTO 65°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S2T-100H	200	4260	2130	3100	3x2 nos	1400x2 nos	9602	400	790	575	1100
S2T-150H	300	5160	2180	3100	3x2 nos	1400x2 nos	9603	600	950	690	1300
S2T-200H	400	5260	2630	3250	5x2 nos	1800x2 nos	1440	4800	1250	950	1700
S2T-250H	500	6120	2630	3250	7.5x2 nos	1800x2 nos	1440	6000	1520	1075	2100
S2T-300H	600	6120	3060	3300	7.5x2 nos	2400x2 nos	1440	7200	1900	1270	2400

S2T-Q TECHNICAL SPECIFICATION

NOISE LEVEL = 60-74 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S2T-100Q	200	4260	2130	4678	3x2 nos	1400x2 nos	960	2400	790	575	1100
S2T-150Q	300	5160	2180	4678	3x2 nos	1400x2 nos	960	3600	950	690	1300
S2T-200Q	400	5260	2630	5302	5x2 nos	1800x2 nos	1440	4800	1250	950	1700
S2T-250Q	500	6120	2630	5302	7.5x2 nos	1800x2 nos	1440	6000	1520	1075	2100
S2T-300Q	600	6120	3060	5735	7.5x2 nos	2400x2 nos	1440	7200	1900	1270	2400

S2T-HH TECHNICAL SPECIFICATION

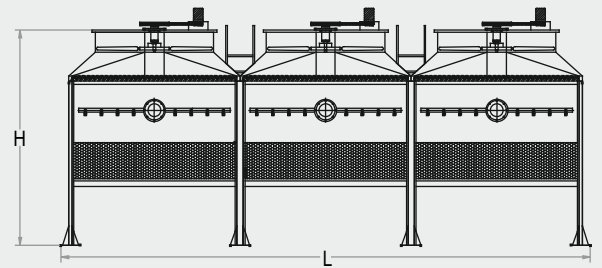
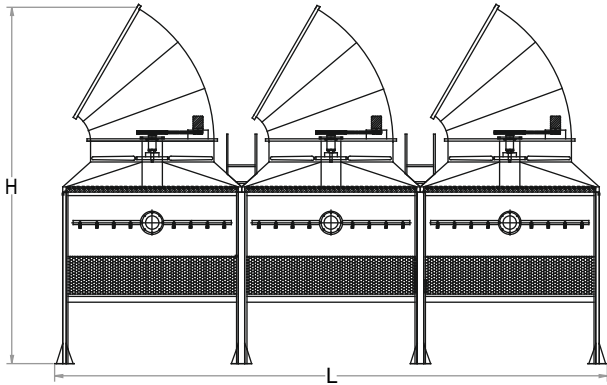
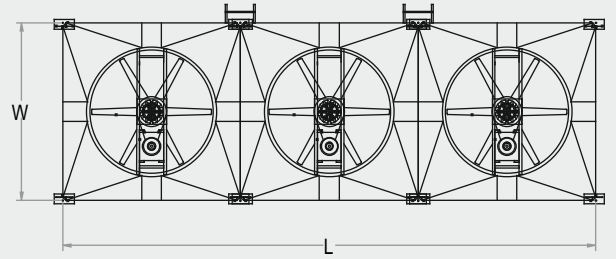
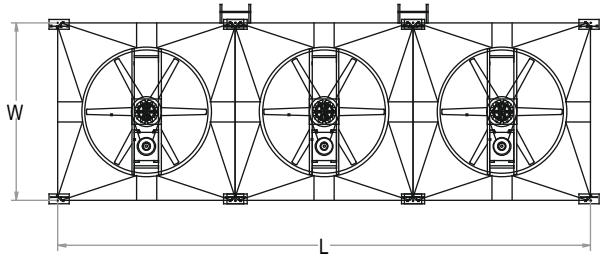
NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 80°C

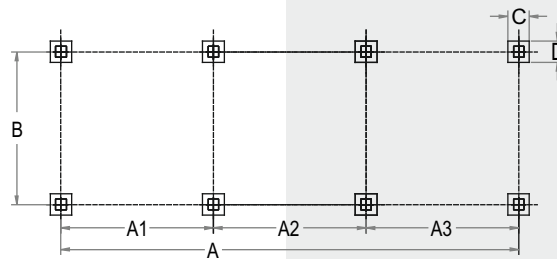
MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S2T-100HH	200	4260	2130	3100	5x2 nos	1400x2 nos	960	2400	790	575	1100
S2T-150HH	300	5160	2180	3100	5x2 nos	1400x2 nos	960	3600	950	690	1300
S2T-200HH	400	5260	2630	3250	7.5x2 nos	1800x2 nos	720	4800	1250	950	1700
S2T-250HH	500	6120	2630	3250	10x2 nos	1800 x2 nos	720	6000	1520	1075	2100
S2T-300HH	600	6120	3060	3300	12.5x2 nos	2400x2 nos	570	7200	1900	1270	2400

MODEL	FOUNDATION DIMENSION							
	A (mm)	B (mm)	A1 (mm)	A2 (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)
SCT-100	4260	2130	2130	2130	-	-	300	300
SCT-150	4360	2580	2580	2580	-	-	300	300
SCT-200	5320	2660	2660	2660	-	-	300	300
SCT-250	5320	3060	3060	3060	-	-	300	300
SCT-300	6120	3060	3060	3060	-	-	300	300
SCT-400	8000	4000	1495	1010	1495	1010	300	300
SCT-500	9000	4500	1745	1010	1745	1010	300	300
SCT-600	10400	5200	2095	1010	2095	1010	300	300
SCT-800	12000	6000	2495	1010	2495	1010	300	300
SCT-1000	14000	7000	2995	1010	2995	1010	300	300

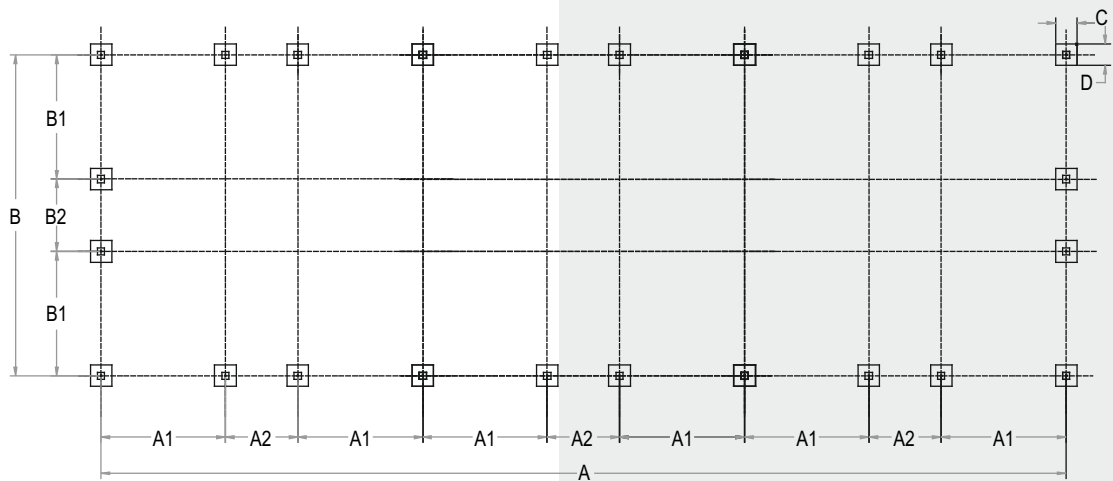
S3T SERIES



S3T FOUNDATION DETAILS



FOUNDATION S3T 100TR-300TR



FOUNDATION S3T 400TR-1000TR

S3T SERIES

DESIGN CONDITION :

FLOW RATE = 12 LPM

RANGE = 4°C

APPROACH = 4°C

NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

S3T-SINGLE TECHNICAL SPECIFICATION

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S3T	300	6390	2130	3100	5x3nos	1400x3nos	960	3600	790	575	1100
S3T	450	7740	2180	3100	5x3 nos	1400x3 nos	960	5400	950	690	1300
S3T	600	7890	2630	3250	7.5x3 nos	1800x3 nos	720	7200	1250	950	1700
S3T	750	9180	2630	3250	10x3 nos	1800x3 nos	720	9000	1520	1075	2100
S3T	900	9180	3060	3300	12.5x3 nos	2400x3 nos	570	10800	1900	1270	2400
S3T	1200	12000	4000	4360	15x3 nos	2400x3 nos	570	14400		2150	4300
S3T	1500	13500	4500	4360	20x3 nos	3060x3 nos	1440	18000		2400	4700
S3T	1800	15600	5200	5030	20x3 nos	3660x3 nos	1440	21600		2800	5350
S3T	2400	18000	6000	5730	25x3 nos	4270x3 nos	1440	28800		3200	5600
S3T	3000	21000	7000	6400	30x3 nos	4870x3 nos	1440	36000		4350	7000

S3T-H TECHNICAL SPECIFICATION

COOLING TOWER OPERATE TEMPEARTURE UPTO 65°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S3T-100H	300	6390	2130	3100	3x3 nos	1400x3 nos	960	3600	790	575	1100
S3T-150H	450	7740	2180	3100	3x3 nos	1400x3 nos	960	5400	950	690	1300
S3T-200H	600	7890	2630	3250	5x3 nos	1800x3 nos	1440	7200	1250	950	1700
S3T-250H	750	9180	2630	3250	7.5x3 nos	1800x3 nos	1440	9000	1520	1075	2100
S3T-300H	900	9180	3060	3300	7.5x3 nos	2400x3 nos	1440	10800	1900	1270	2400

S3T-Q TECHNICAL SPECIFICATION

NOISE LEVEL = 60-74 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S3T-100Q	300	6390	2130	3100	3x3 nos	1400x3 nos	960	3600	790	575	1100
S3T-150Q	450	7740	2180	3100	3x3 nos	1400x3 nos	960	5400	950	690	1300
S3T-200Q	600	7890	2630	3250	5x3 nos	1800x3 nos	1440	7200	1250	950	1700
S3T-250Q	750	9180	2630	3250	7.5x3 nos	1800x3 nos	1440	9000	1520	1075	2100
S3T-300Q	900	9180	3060	3300	7.5x3 nos	2400x3 nos	1440	10800	1900	1270	2400

S3T-HH TECHNICAL SPECIFICATION

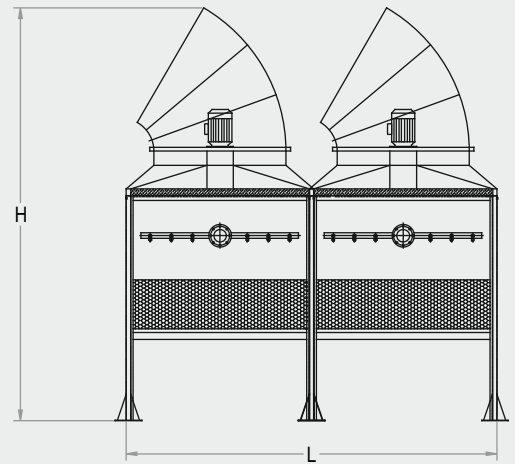
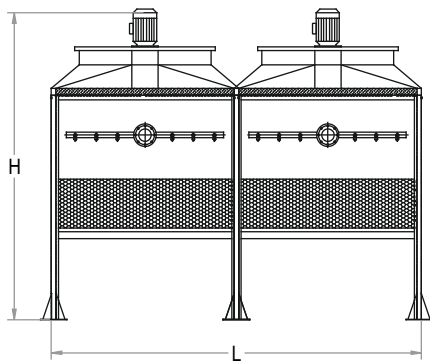
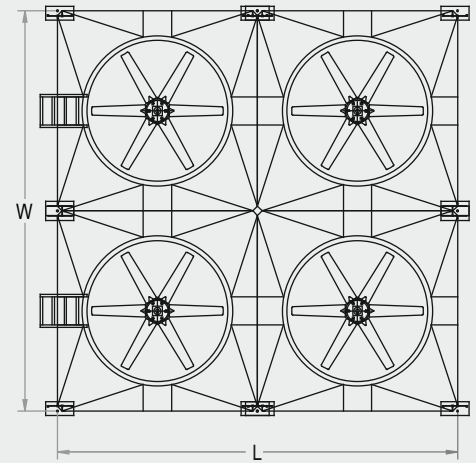
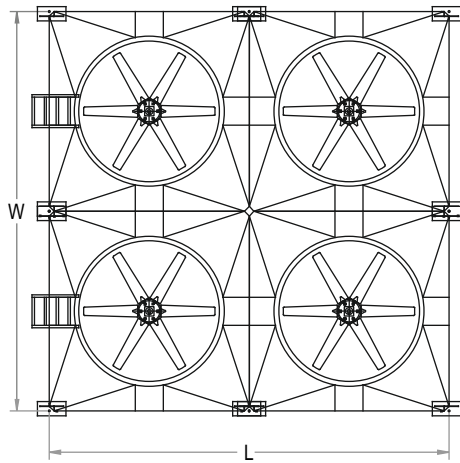
NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 80°C

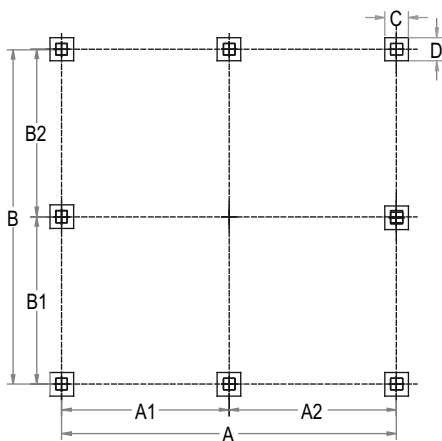
MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
S3T-100HH	300	6390	2130	3100	5x3 nos	1400x3 nos	960	3600	790	575	1100
S3T-150HH	450	7740	2180	3100	5x3 nos	1400 x3 nos	960	5400	950	690	1300
S3T-200HH	600	7890	2630	3250	7.5x3 nos	1800 x3 nos	720	7200	1250	950	1700
S3T-250HH	750	9180	2630	3250	10x3 nos	1800 x3 nos	720	9000	1520	1075	2100
S3T-300HH	900	9180	3060	3300	12.5x3 nos	2400 x3 nos	570	10800	1900	1270	2400

MODEL	FOUNDATION DIMENSION									
	A (mm)	B (mm)	A1 (mm)	A2 (mm)	A3 (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)	
S3T-100	6390	2130	2130	2130	2130	-	-	300	300	
S3T-150	6540	2580	2580	2580	2580	-	-	300	300	
S3T-200	7980	2660	2660	2660	2660	-	-	300	300	
S3T-250	7980	3060	3060	3060	3060	-	-	300	300	
S3T-300	9180	3060	3060	3060	3060	-	-	300	300	
S3T-400	12000	4000	1495	1010	-	1495	1010	300	300	
S3T-500	13500	4500	1745	1010	-	1745	1010	300	300	
S3T-600	15600	5200	2095	1010	-	2095	1010	300	300	
S3T-800	18000	6000	2495	1010	-	2495	1010	300	300	
S3T-1000	21000	7000	2995	1010	-	2995	1010	300	300	

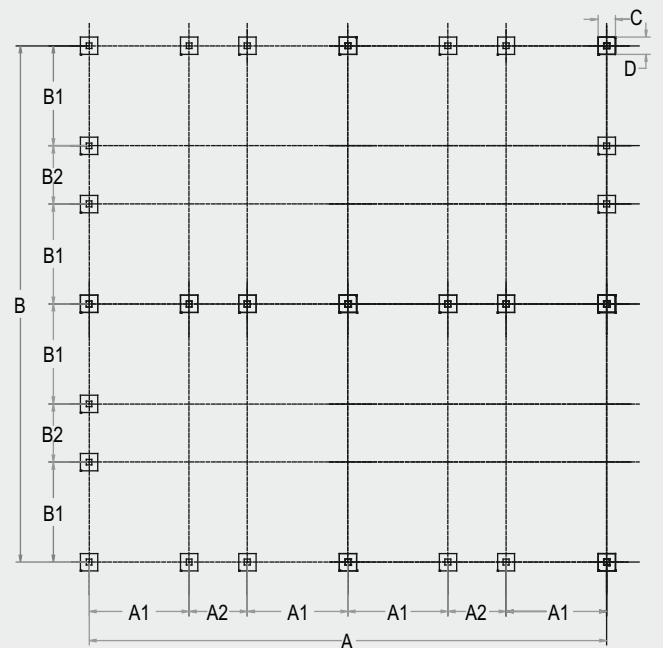
SQT QUATRA SERIES



SQT FOUNDATION DETAILS



FOUNDATION SQT 100TR-300TR



FOUNDATION SQT 400TR-1000TR

SQT QUATRA SERIES

DESIGN CONDITION :

FLOW RATE = 12 LPM

RANGE = 4°C

APPROACH = 4°C

NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

SQT-SINGLE TECHNICAL SPECIFICATION

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SQT-100	400	4260	4260	3100	5x4 nos	1400x4 nos	960	4800	790	575	1100
SQT-150	600	5160	5160	3100	5x4 nos	1400x4 nos	960	7200	950	690	1300
SQT-200	800	5260	5260	3250	7.5x4 nos	1800x4 nos	720	9600	1250	950	1700
SQT-250	1000	6120	6120	3250	10x4 nos	1800x4 nos	720	12000	1520	1075	2100
SQT-300	1200	6120	6120	3300	12.5x4 nos	2400x4 nos	570	14400	1900	1270	2400
SQT-400	1600	8000	8000	4360	15x4 nos	2400x4 nos	570	19200		2150	4300
SQT-500	2000	9000	9000	4360	20x4 nos	3060x4 nos	1440	24000		2400	4700
SQT-600	2400	10400	10400	5030	20x4 nos	3660x4 nos	1440	28800		2800	5350
SQT-800	3200	12000	12000	5730	25x4 nos	4270x4 nos	1440	38400		3200	5600
SQT-1000	4000	14000	14000	6400	30x4 nos	4870x4 nos	1440	48000		4350	7000

SQT-H TECHNICAL SPECIFICATION

COOLING TOWER OPERATE TEMPEARTURE UPTO 65°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SQT-100H	400	6390	2130	3100	3x4 nos	1400x4 nos	960	4800	790	575	100
SQT-150H	600	7740	2180	3100	3x4 nos	1400 x4 nos	960	7200	950	690	300
SQT-200H	800	7890	2630	3250	5x4 nos	1800 x4 nos	1440	9600	1250	950	700
SQT-250H	1000	9180	2630	3250	7.5x4 nos	1800 x4 nos	1440	12000	1520	1075	2100
SQT-300H	1200	9180	3060	3300	7.5x4 nos	2400 x4 nos	1440	14400	1900	1270	2400

SQT-Q TECHNICAL SPECIFICATION

NOISE LEVEL = 60-74 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 55°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SQT-100Q	400	6390	2130	3100	3x4 nos	1400x4 nos	960	4800	790	575	1100
SQT-150Q	600	7740	2180	3100	3x4 nos	1400x4 nos	960	7200	950	690	1300
SQT-200Q	800	7890	2630	3250	5x4 nos	1800x4 nos	1440	9600	1250	950	1700
SQT-250Q	1000	9180	2630	3250	7.5x4 nos	1800x4 nos	1440	12000	1520	1075	2100
SQT-300Q	1200	9180	3060	3300	7.5x4 nos	2400x4 nos	1440	14400	1900	1270	2400

SQT-HH TECHNICAL SPECIFICATION

NOISE LEVEL = 70-85 dBA

COOLING TOWER OPERATE TEMPEARTURE UPTO 80°C

MODEL	CAPACITY	LENGTH	WIDTH	HEIGHT 'H'	MOTOR	FAN DIA	MOTOR SPEED	WATER FLOW RATE	AIR FLOW RATE	SHIPPING WEIGHT	OPERATING WEIGHT
	TR	mm	mm	mm	HP	mm	rpm	L/min	m³/min	kg/cell	kg/cell
SQT-100HH	400	6390	2130	3100	5x4nos	1400x4nos	960	4800	790	575	1100
SQT-150HH	600	7740	2180	3100	5x4 nos	1400x4 nos	960	7200	950	690	1300
SQT-200HH	800	7890	2630	3250	7.5x4 nos	1800x4 nos	720	9600	1250	950	1700
SQT-250HH	1000	9180	2630	3250	10x4 nos	1800x4 nos	720	12000	1520	1075	2100
SQT-300HH	1200	9180	3060	3300	12.5x4 nos	2400x4 nos	570	14400	1900	1270	2400

MODEL	FOUNDATION DIMENSION							
	A (mm)	B (mm)	A1 (mm)	A2 (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)
SQT-100	4260	4260	4260	4260	4260	4260	300	300
SQT-150	4360	5160	4360	4360	5160	5160	300	300
SQT-200	5320	5320	5320	5320	5320	5320	300	300
SQT-250	6120	5320	6120	6120	5320	5320	300	300
SQT-300	6120	6120	6120	6120	6120	6120	300	300
SQT-400	8000	8000	1495	1010	1495	1010	300	300
SQT-500	9000	9000	1745	1010	1745	1010	300	300
SQT-600	10400	10400	2095	1010	2095	1010	300	300
SQT-800	12000	12000	2495	1010	2495	1010	300	300
SQT-1000	14000	14000	2995	1010	2995	1010	300	300

**BOTTLE
COOLING TOWER**



Capacity : 010 TR - 300 TR
 Cell : Single
 Type : Standard, high temperature,
 quiet

**ADIABATIC
COOLING TOWER**



Capacity : ADCT 060 - ADCT 320
 With adiabatic pads
 Low noise model

**CROSS FLOW
COOLING TOWER**



Capacity : 20 TR - 400 TR
 Cell : Single & multiple cell
 Type : Standard, high temperature,
 quiet

**DRY
COOLING TOWER**



Capacity : DCT 40 - DCT 320
 Horizontal & "vee" type
 Low noise model



Anytime - Anywhere Service



Same day delivery of Spares



A Unique Comprehensive maintenance contract

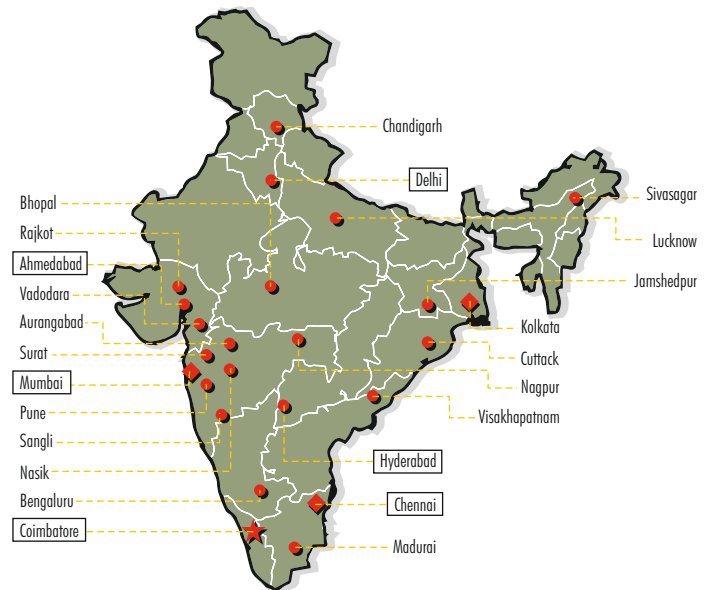
TYPICAL APPLICATION

- Air Compressor
- Air Conditioning Plants
- Aluminium Die Casting Machinery
- Diesel Generator
- Furnace
- Plastic Machinery
- Process Industries



SALES & CUSTOMER CARE

- ★ Head Office
- ◆ Regional Offices
- Channel Associates



GEM Equipments (P) Ltd.

S.F. No. 103, Avinashi Road,
Arasur, Coimbatore,
Tamil Nadu 641 407, INDIA.

SALES : sales@gemindia.com
: 93444 55927
Web site : <http://www.gemindia.com>

SERVICE : service@gemindia.com
: 93666 31697
GSTIN : 33AACC65630M1ZM



Regional Office Email: chennai@gemindia.com • mumbai@gemindia.com • delhi@gemindia.com • pune@gemindia.com