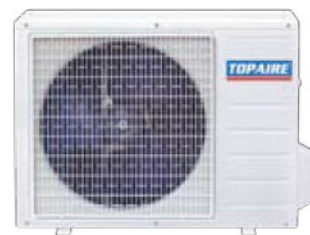






ONE WAY CASSETTE



MODEL	CAPACITY	OUTDOOR MODEL
TCS 10 E	10,000 BTU/HR	TAS 10 ER
TCS 13 E	13, 000 BTU/HR	TAS 13 ER

SLIM DESIGN versatile for small room and low ceiling gap.

DUCTLESS easy & convenience for installation.

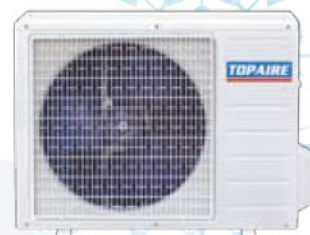
LUXURIOUS comfort cooling.

Unit Features

- Slim, Stylish with removable easy to clean air filters grilles and discharge panels.
- LED light indicator & auto restart function.
- 1 Way air distribution with auto air swing (Up & Down), Manual (Left & Right).
- Centrifugal fan to enhance strong air flow for better air circulation & distribution.
- Anti-mold & long lasting washable saran net air filter.
- Innovative evaporator coil with anti corrosion hydrophilic coated slit fins and inner grooves copper tubes to maximize the cooling capacity.
- High head lift up water drain pump.



FOUR WAY (COMPACT) CASSETTE



MODEL	CAPACITY	OUTDOOR MODEL
TCS 18 E	13, 000 BTU/HR	TAS 13 ER
TCS 18 E	18, 000 BTU/HR	TAS 18 ER

COMPACT DESIGN for easy installation & maintenance.

UNIQUE & SLIM with wide cool air distribution.

PRESTIGE comfort cooling.

Unit Features

- Slim, Stylish with removable easy to clean air filters grilles and discharge panels.
- LED light indicator & auto restart function.
- 4 way air distribution with auto air swing (Up & Down).
- Aerodynamic turbo fan to enhance strong air flow for better air circulation & distribution.
- Anti-mold & long lasting washable saran net air filter.
- Innovative evaporator coil with anti corrosion hydrophilic coated slit fins and inner grooves copper tubes to maximize the cooling capacity.
- High head lift up water drain pump.

SPECIFICATION

MODEL	(OUTDOOR) (INDOOR)	TAS 10 ER TCS 10 E	TAS 13 ER TCS 13 E	TAS 13 ER TCS 18 E	TAS 18 ER TCS 18 E	TAS 20 EL TCS 20 E	TAS 22 ER TCS 20 E	TAS 25 EG TCS 25 E	TAS 28 EG TCS 30 E	TAS 30 E TCS 30 E	TAS 36 E TCS 36 E	TAS 40 E TCS 40 E	TAS 50 E TCS 50 E
NOMINAL CAPACITY	BTU/HR	10,000	13,000	13,000	18,000	20,000	21,000	25,000	28,000	30,000	36,000	40,000	50,000
	KW	2.93	3.81	3.81	5.27	5.86	6.15	7.33	8.20	8.79	10.55	11.72	14.65
INDOOR		FEATURES											
POWER SUPPLY	V/PH/Hz	220-240 / 1 / 50											
DIRECT POWER SUPPLY TO OUTDOOR								●	●	●	●	●	●
DIRECT POWER SUPPLY TO INDOOR		●	●	●	●	●	●						
FAN		FEATURES											
TYPE		CENTIFUGAL		AERODYNAMICALLY DESIGNED TURBO FAN									
AIR FLOW	CFM	280	300	350	550	600	600	760	880	880	1050	1050	1080
RATED POWER INPUT	WATT	46	46	63	63	95	95	120	120	120	165	165	165
RATED AMPERE	A	0.2	0.2	0.25	0.25	0.4	0.4	0.5	0.5	0.5	0.68	0.68	0.68
EVAPORATOR COIL		FEATURES											
TUBE		SEAMLESS INNER GROOVE COPPER TUBE											
FIN		ANTI CORROSION HYDROPHILIC ALUMINIUM SLIT FIN											
CONTROL		FEATURES											
ROOM TEMPERATURE		MICROCOMPUTER CONTROLLER THERMOSTAT											
CONTROL DISPLAY		LED INDICATOR LIGHT					LED INDICATOR LIGHT WITH DIGITAL TEMPERATURE DISPLAY PANEL						
AIR DISCHARGE		ONE - WAY (UP&DOWN)					FOUR - WAY (UP&DOWN)						
OPERATION		LCD REMOTE CONTROL & AUTO RESTART											
CONDENSATE DRAINAGE		AUTOMATIC WATER PUMP											
AIR FILTER		WASHABLE ANTI FUNGUS SARAN NET FILTER											
DISCHARGE GRILLE / PANEL		FEATURES											
WIDTH	MM	1050	1050	650	650	950	950	950	950	950	950	950	950
DEPTH	MM	470	470	650	650	950	950	950	950	950	950	950	950
HEIGHT	MM	18	18	30	30	40	40	40	40	40	40	40	40
OPEN HOLE FOR INSTALLATION	MM	1010 x 430	1010 x 430	600 x 600	600 x 600	880 x 880	880 x 880	880 x 880	880 x 880	880 x 880	880 x 880	880 x 880	880 x 880
UNIT DIMENSION		FEATURES											
WIDTH	MM	850	850	580	580	840	840	840	840	840	840	840	840
DEPTH	MM	450	450	580	580	840	840	840	840	840	840	840	840
HEIGHT	MM	235	235	254	254	240	240	240	240	240	310	310	310
NET WEIGHT	KG	23	23	27	27	29	29	30	31	31	35	35	36
OUTDOOR		FEATURES											
COMPRESSOR		FEATURES											
TYPE		ROTARY HERMETIC									SCROLL HERMETIC		
POWER SUPPLY	V/PH/Hz	220-240 / 1 / 50											
RATED POWER INPUT	WATT	970	1260	1260	1670	1990	1990	2380	2730	3000	3820	3750	4840
RATED AMPERE	A	4.3	5.6	5.6	7.5	8.9	8.9	11.5	13.0	12.3	16.52	5.22	8.1
PROTECTION DEVICE		THERMAL OVERLOAD										HI-LO PRESURE SWITCH	
FAN		FEATURES											
TYPE		PROPELLER FAN / DIRECT											
RATED POWER INPUT	WATT	52	65	65	68	136	136	140	140	136	286	286	286
RATED AMPERE	A	0.40	0.50	0.50	0.60	0.70	0.70	0.72	0.72	0.70	1.30	1.30	1.30
CONDENSER COIL		FEATURES											
TUBE		SEAMLESS INNER GROOVE COPPER TUBE											
FIN		ALUMINIUM SLIT FIN											
REFRIGERANT		R - 22											
CAPACITY CONTROL		CAPILLARY TUBE AT OUTDOOR UNIT									ORIFICE AT INDOOR UNIT		
PIPE		FEATURES											
DISCHARGE	MM / (IN)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
SUCTION	MM / (IN)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	19.05 (3/4)	19.05 (3/4)	19.05 (3/4)
CASING		FEATURES											
MATERIAL		ELECTRO-GALVANISED MILD STEEL											
FINISH		EPOXY POWDER COATING											
DIMENSION		FEATURES											
WIDTH	MM	700	780	780	780	845	845	845	845	895	990	990	990
DEPTH	MM	235	250	250	250	335	335	335	335	335	350	350	350
HEIGHT	MM	535	540	540	540	695	695	695	695	860	960	960	960
NET WEIGHT	KG	27	34	34	37	47	47	56	62	64	80	85	90

All specifications are subject to change by manufacturer without prior notice.

Note : The nominal cooling capacity is based on condenser outdoor air entering temp. 35 °C (DB); indoor on coil temp. 27/19 °C (DB / WB)



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DB TOPAIRE SDN BHD



MS ISO 9001: 2000 REG. NO. AR 2951