

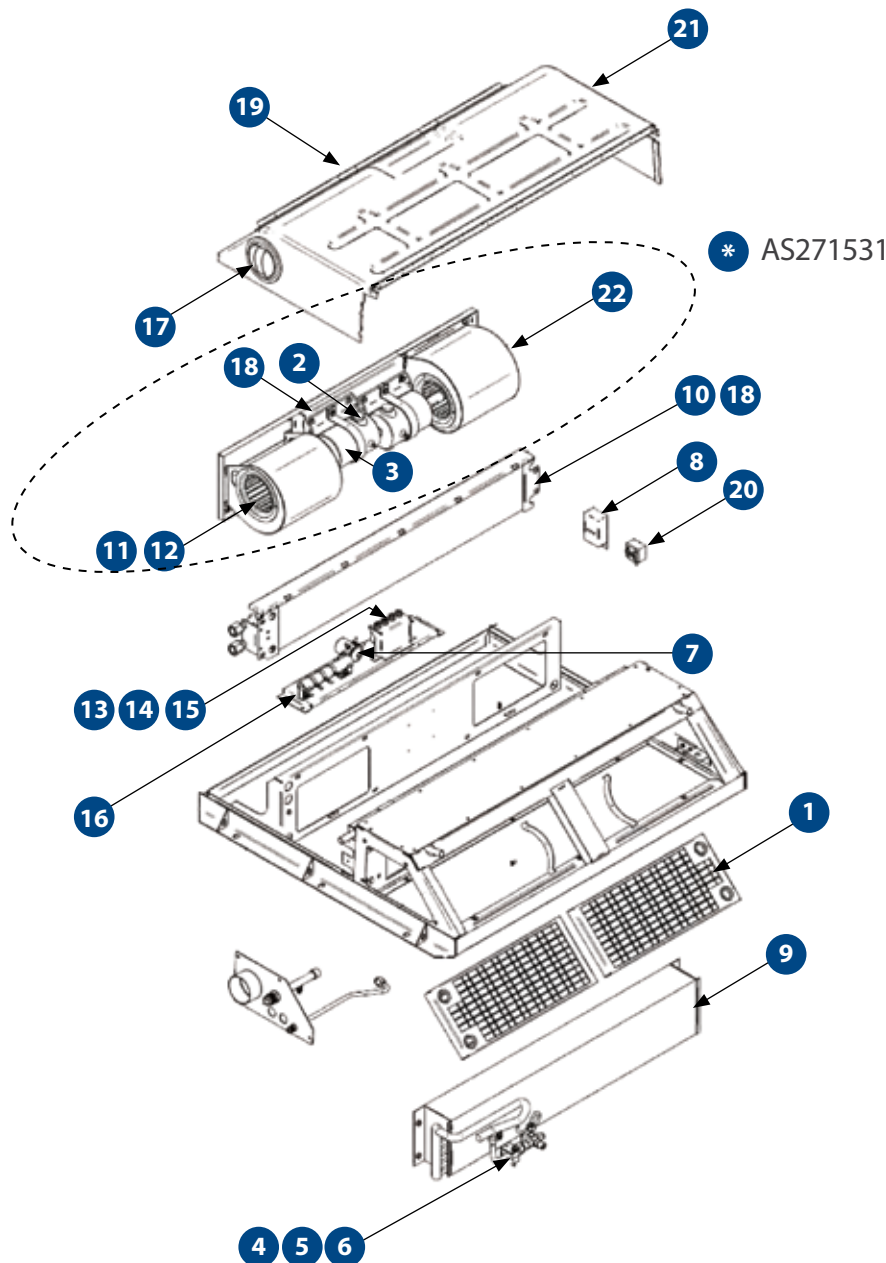


TFC8BX1

CEILING EVAPORATOR

TFC8BX1
Ceiling Evaporator 8kW 24V

TFC8BX2
Ceiling Evaporator 8kW 24V with Electric Heating



SPARE PARTS

PART NO.	DESCRIPTION	QTY
1 AS271535	RETURN AIR FILTER	2
AS271535S	RETURN AIR FILTER - DISPOSABLE OPTION	2
2 AU320622	BRUSH MOTOR 24VDC EACH HEAVY DUTY	4
3 H0039230	MOTOR UE026 WITH UPGRADED BRUSH	2
4 AU521509	TX VALVE 2T 3/8" IN 1/2" OUT 1/4" EQ R134A	1
5 AU521508	TX ORIFICE 2T R22 #06	1
6 AU523365	LOW PRESSURE SWITCH 1/4" FF 205kPa	1
7 UE072	RELAY 24VDC 70A AUTOMOTIVE	1
8 AU681925	THERMOSTAT 12-24VDC WITH SENSOR + POT	1
9 AU120394	EVAPORATOR COIL 864MM X 166MM X 95MM 4RW TFC8	1
10 AU130009	HEATER COIL 864MM X 152MM X 32MM 2RW TFC8	1
11 AU410105	BLOWER 120D X 178W X 3/8 CW DUAL INLET	2
12 AU410902	INLET RING 105MM	4
13 AU641065	CIRCUIT BREAKER 25A PUSH PULL	1
14 AU641067	CIRCUIT BREAKER 35A PUSH PULL	1
15 AU641C111	CIRCUIT BREAKER 5A PUSH PULL	2
16 AU692107	RESISTOR 2 OHM 100W 3 CLIPS ADJUSTABLE	1
17 AS271531	DIFFUSER ROUND 120MM POLYAMIDE	2
18 UC027	EVAPORATOR MOTOR MOUNT	2
19 UC901	DIFFUSER 246 X 104MM	3
20 UE016	THERMOSTAT DEICE STUD	1
21 S271531	TFC8 EVAPORATOR COVER PLASTIC	1
22 AS198603	SUPPLY AIR BLOWER ASSEMBLY	2
AS271531	SUPPLY AIR FAN ASSEMBLY	
AS271576	HEATER ASSEMBLY (TFC8BX2)	1

SPARE PARTS LIST CONTINUED NEXT PAGE

SPECIFICATIONS

	METRIC	IMPERIAL
Cooling Capacity	8.0 kW	27296 BTU
Heating Capacity	10.0 kW / 6kW	34120 BTU / 20473 BTU
Fan Speeds	3	3
Air Flow	325 l/s	689 CFM
Fresh Air	30 l/s	64 CFM
Power Supply	24V	24V
Current Draw	30 A	30 A
Refrigerant	R134a	R134a
Maximum Ambient Temperature	54°C	129°F
Weight (nominal)	70.0 Kg	154.0 lbs
Technical Manual Reference	SM278-2715	SM278-2715
Dimension (L X W X H)	1100mm X 900mm X 221mm	43.3in X 35.4in X 8.7in

MAINTENANCE

MONTHLY / 500 HOURS	
AS271535	RETURN AIR FILTER
AS271535S	RETURN AIR FILTER - DISPOSABLE OPTION
6 MONTHS / 2,400 HOURS	
AU320622	BRUSH MOTOR 24VDC EACH HEAVY DUTY
ANNUAL / 4,800 HOURS	
H0039230	MOTOR UE026 WITH UPGRADED BRUSH
3 YEARS / 14,400 HOURS	
AU521509	TX VALVE 2T 3/8" IN 1/2" OUT 1/4" EQ R134a
AU521508	TX ORIFICE 2T R22 #06
AU523365	LOW PRESSURE SWITCH 1/4" FF 205kPa
UE072	RELAY 24VDC 70A AUTOMOTIVE
UE057	VALVE SOLENOID 1/4" BSP 24VDC WATER
AU681925	THERMOSTAT 12-24VDC WITH SENSOR + POT
Please contact SIGMA for more information including details on an overhaul scope and interval. Maintenance periods and scope are dependent on application and site conditions, and are to be used as a guide.	

COMPANION ITEMS

PART NO.	DESCRIPTION
TFC8BX2	Electric Condenser
EB9P4X	Pressuriser
H0017489	Hydraulic Compressor
H0017493	Hydraulic Compressor
AU110240	Radiator Condenser
AU1102401	Radiator Condenser
AU270306	Engine Driven Compressor
AU270307	Engine Driven Compressor
AU270314	Engine Driven Compressor
AU2701001	Engine Driven Compressor
AU531411	Receiver Drier
AU531422	Receiver Drier

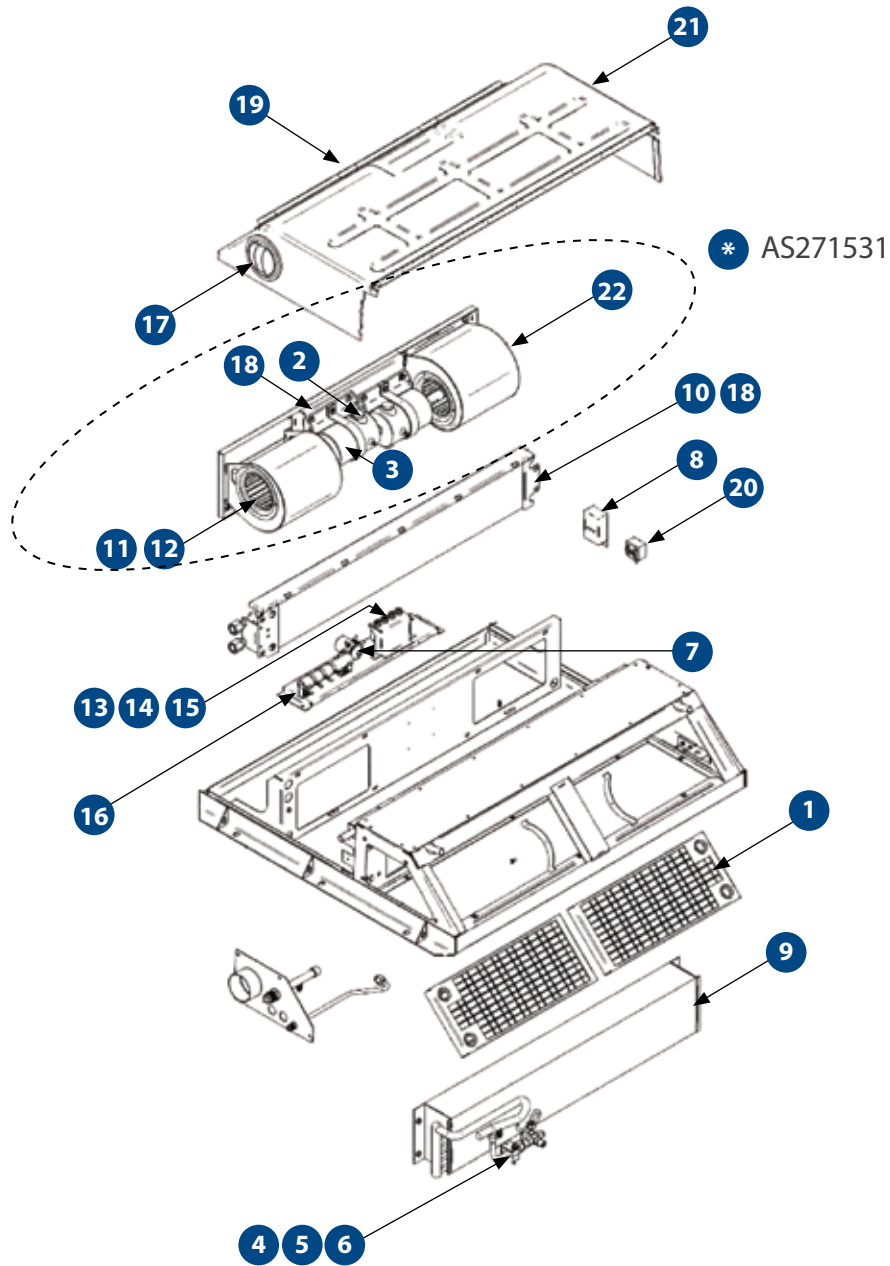


TFC8

CEILING EVAPORATOR

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TFC8BX2
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SPARE PARTS

PART NO.	DESCRIPTION	QTY
AU641601	CIRCUIT BREAKER 6.3-10A 3 POLE (TFC8BX2)	1
AU641612	CIRCUIT BREAKER 16A 3POLE (TFC8BX2)	1
UE699	CIRCUIT BREAKER 60A STUD TYP MANUAL (TFC8BX1)	1
AU651346	CONTACTOR 12A 24VDC 3 POLE 1NO 1NC (TFC8BX2)	2
AU663563	ROTARY SWITCH A B C D FAN	1
AU663569	ROTARY SWITCH MODE	1
AU681065	THERMOSTAT T3 80°C SPST AUTO (TFC8BX2)	1
AU691191	HEATER U SHAPE 2.0kW 240V 675MM SS FIN (TFC8BX2)	3
AU681926	POTENTIOMETER	1
UE057	VALVE SOLENOID 1/4" BSP 24VDC WATER	1
AU662410	SWITCH KEYED 20A	1
AU517502	VALVE ACCESS 1/4" 1/4" & 3/8" OD SOLDER	1
AU635302	TERM BLK SIE 3 POLE 2 5MMSQ (TFC8BX2)	3
AU636255	TERM BLK BRIDGE SIE 4WAY 2 5MM (TFC8BX2)	1
AU853505	LEAF SPRING 145MM X 25 MM	2
AU872135	SHAFT EXTENSION 1/2" FEMALE X 1/2" MALE	2
AU935432	FLAT NEOPRENE EXTRUSION	1
S5006029	MOTOR MOUNT CLAMP 97MM	2
UC020	HOSE CLEAR PVC 12 5MM ID	10
UC031	FASTENER ASSEMBLY 1/4 TURN - STUD & RECEPT	3
UC096	FITTING P3 5/8 STR BRB X 1/4 MBSPT (TFC8BX1)	2
UC504	DRAIN NOZZLE 13MM	4

SPARE PARTS LIST CONTINUED ON PREVIOUS PAGE

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