



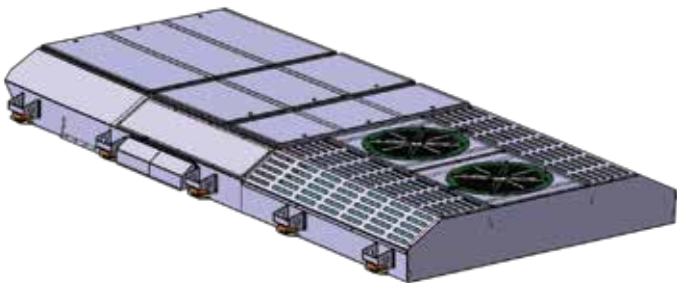
RAILWAY SYSTEMS HVAC SOLUTIONS

Enhancing Passenger Comfort

www.safkar.com







ES 635
Metro HVAC

COOLING CAPACITY	35 kW
HEATING CAPACITY	12 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	2000 x 3780 x 350 mm
WEIGHT	650 kg
REFRIGERANT	R407C
POWER SUPPLY	380 VAC and 110 VDC



ES 336
Metro HVAC

COOLING CAPACITY	36 kW
HEATING CAPACITY	18 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	1500 x 2700 x 485 mm
WEIGHT	560 kg
REFRIGERANT	R134A
POWER SUPPLY	380V AC

LIGHT RAIL-TRAM SOLUTIONS



ES 206
Cabin HVAC

COOLING CAPACITY	5,4 kW
HEATING CAPACITY	3,2 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	800 x 2060 x 441 mm
WEIGHT	195 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC and 750V DC



ES 638
Passenger HVAC

COOLING CAPACITY	38 kW
HEATING CAPACITY	24 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	2060 x 3000 x 448 mm
WEIGHT	555 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC and 750V DC



LIGHT RAIL-TRAM SOLUTIONS

ES 318

Tramway HVAC



COOLING CAPACITY	18 kW
HEATING CAPACITY	8 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	1700 x 1635 x 443 mm
WEIGHT	310 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC

ES 300 TVS

Light Rail HVAC



COOLING CAPACITY	18 kW
HEATING CAPACITY	7,5 kW (Optional)
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	1650 x 2200 x 395 mm
WEIGHT	435 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC

PASSENGER COACH HVAC SERIES

ES 400 TVS

Passenger Coach HVAC



COOLING CAPACITY	43 kW
HEATING CAPACITY	18 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	2260 x 4280 x 395 mm
WEIGHT	900 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC

ES 600 TVS

Passenger Coach HVAC



COOLING CAPACITY	43 kW
HEATING CAPACITY	18 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	2280 x 4750 x 755 mm
WEIGHT	1000 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC

ES 800 TVS

Passenger Coach HVAC



COOLING CAPACITY	24 kW
HEATING CAPACITY	9 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	2260 x 4280 x 395 mm
WEIGHT	750 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC



LOCOMOTIVE AND OTHER SOLUTIONS

ES 254 AS Driver's Cab HVAC



COOLING CAPACITY	5,4 kW
HEATING CAPACITY	3,2 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	900 x 933 x 438 mm
WEIGHT	83 kg
REFRIGERANT	R407C
POWER SUPPLY	220V AC

ES 82 T - ES 82 T ELECTRICAL Shunting Locomotive HVAC



COOLING CAPACITY	10,5 kW
HEATING CAPACITY	-
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	1350 x 1800 x 240 mm
WEIGHT	115 kg
REFRIGERANT	R134A
POWER SUPPLY	24V DC ⚡ 380 VAC and 24 VDC

LOCOMOTIVE AND OTHER SOLUTIONS

ES 70 SXT

Railroad Construction Vehicles Applications



COOLING CAPACITY	7 kW
HEATING CAPACITY	-
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	1234 x 1150 x 171 mm
WEIGHT	48 kg
REFRIGERANT	R134A
POWER SUPPLY	12V DC / 24V DC

ES 700 TVS-KAY

Retrofit Projects/Under Chassis Solutions



COOLING CAPACITY	42 kW
HEATING CAPACITY	18 kW
UNIT DIMENSIONS (WIDTH-LENGTH-HEIGHT)	Condenser Unit 1161 x 1568 x 622mm Evaporator Unit 850 x 1300 x 415 mm
WEIGHT	730 kg
REFRIGERANT	R407C
POWER SUPPLY	380V AC







IRIS
Certification



TSEK

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