

MONZONE®

Monzone Air-Conditioning Pte Ltd
6 Gul Lane, Singapore 629405
(65) 6365 1315, (65) 6368 2063

101 Woodlands Avenue 12,
#01-12 Polaris Woodlands
Singapore 737719
(65) 8500 1315

**Monzone Group
Johor (HQ)**
Lot 7015, Jalan Lagenda 1, Kulai,
Johor Bahru, Malaysia
(607) 663-1315, (607) 663-1513

Kedah
No. 16 Taman Jitra Jaya, 06000
Jitra, Kedah, Malaysia
(604) 917-2261

Shah Alam
No. 4, Jalan Sg Pelubung 32/149,
Seksyen 32, 40460 Shah Alam,
Selangor, Malaysia
(603) 5103-1153

Penang
No. 12 Lorong Iks Bukit Tengah,
Taman Iks Bukit Tengah, 14000
Bukit Mertajam Pulau Pinang,
Malaysia
(604) 507-2315, (604)

Sarawak
Lot 1993, Section 66, Kuching Town,
Land District, Jalan Semangat,
Pending Industrial Estate,
93450 Kuching, Sarawak
(608) 335 113

Monzone Air-Conditioning Inc
7th Floor, Unit B, 8 Rockwell,
Hildago Drive, Bel-Air, City of Makati,
NCR, Fourth District, Philippines
(65) 9790 1315

For future information:
Email: monzone@singnet.com.sg
Website: www.monzonegroup.com

Monzone customer service hotline

☎ **65-63651315**

☎ **016-2621315**

THERMO KING

Thermo King - by Trane Technologies (NYSE: TT), a global climate Innovator - is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit www.thermoking.com or www.tranetechnologies.com.

Asia Pacific Headquarters & China Office

8-12F, L'Avenue Shanghai,
99 Xianxia Road, Shanghai, 200051, P.R.C
Tel: +86 21 2221 5000
Fax: +86 21 2221 5409

Global Headquarters

314 West 90th Street
Minneapolis, Minnesota, 55420, U.S.A
Tel: +1 952 887 2200
Fax: +1 952 887 2529

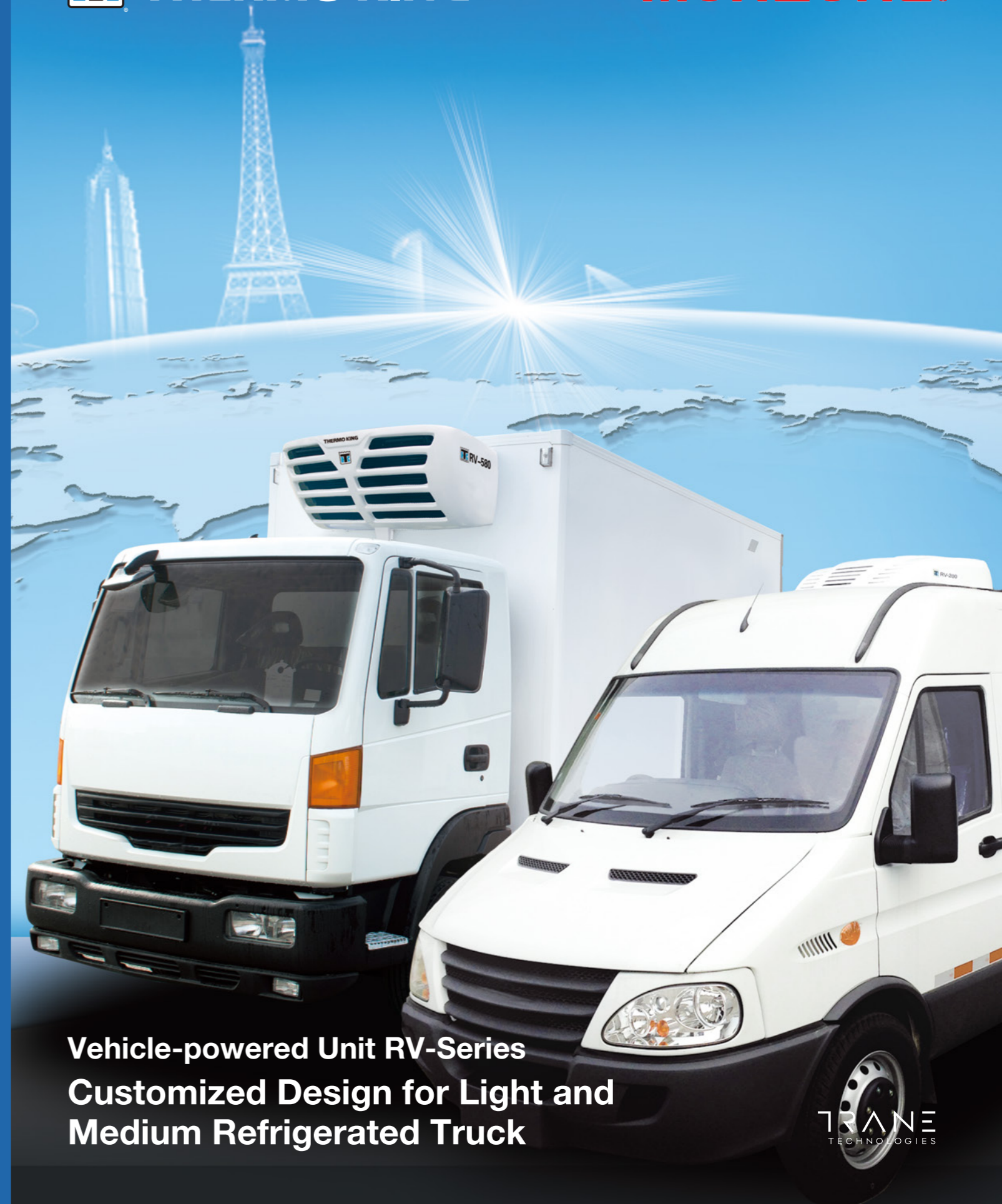
Thermo King customer service hotline

☎ **800-820-2828**

☎ **400-820-7972**

THERMO KING

MONZONE®



**Vehicle-powered Unit RV-Series
Customized Design for Light and
Medium Refrigerated Truck**

TRANE
TECHNOLOGIES



RV-Series

RV, as the acronym of **R**apid cooling/**R**eliable/**R**evolution **V**ehicle-powered, is specially designed for transport refrigeration in the range of light and medium distribution vehicles.

This all new RV platform is equipped with an optimized refrigeration system, robust TK compressor, and other proven components, which ensures high cooling capacity, quick pull down, precise temperature control, high reliability, easy use and low maintenance cost.

Product Models

- RV-200 (Roof & Nose-mounted)
- RV-300 (Roof & Nose-mounted)
- RV-380
- RV-580



Key Features

- **Greater Capacity and Higher Efficiency**
 - Larger condenser/evaporator coil for quicker heat exchange
 - Fast pre-cooling for higher efficiency
 - Greater cooling capacity for better load protection
- **Higher Reliability for More Uptime**
 - Long-life (10, 000 hrs) and one-piece fans
 - TK robust compressor
 - New electrical control system with high reliability
- **Compact Design and Flexible Installation**
 - Patent design (RV-380 patent no. ZL201530106353.5)
 - Light and compact for easy installation, esp. for light and mini vehicle
 - Roof-mounted & nose-mounted for option (RV-200/RV-300)
- **Easy to Use and Maintenance**
 - Improved electrical system
 - Less refrigerant charge to care environment
 - Removable relay design for better maintenance



Specifications

Model	RV-200	RV-300	RV-380 Roof	RV-380	RV-580	RV-580 Plus	RV-700	RV-780 II		
Temp. Range	-25°C~+30°C									
Refrigerant	R-404A									
Charge (kg)	1.10 (TK08 compressor)	1.15 (TK15 compressor)	1.2	1.7	1.8	2.5	2.5	2.5	2.6	
Compressor										
Model	TK08	TK15	TK15	TK16	TK16	TK16	TK21	TK21	TK21	
Number of Cylinder	6	6	6	6	6	6	10	10	10	
Displacement (cm³)	82	146	146	163	163	163	215	215	215	
Cooling Capacity (W)										
A.T.P. U.N. Standard @30°C (Ambient)										
Engine Power	0°C	2,100	2,300	3,500	4,200	4,050	5,050	5,450	6,600	7,300
	-20°C	820	1,200	1,850	2,300	2,300	2,550	2,850	3,500	3,900
A.R.I. U.S. Standard @38°C (Ambient)										
Engine Power	2°C	2,000	2,200	3,300	4,250	3,800	4,900	5,150	6,150	7,000
	-18°C	800	1,150	1,740	2,400	2,200	2,520	2,900	3,600	3,800
Evaporator blower performance										
Flow rate (@ 0 static pressure, m³/h)	700		1,500	1,500	1,500	2,500	2,500	2,500	3,000	
Velocity (m/s)	3.0		3.3	3.3	3.3	3.0	3.0	3.0	3.5	
Total current consumption on the road (A)										
12 VDC	30		36	30.8	36	44	44	-	-	
24 VDC	15		18	16.7	18	22	22	22	29	
Weight (kg, approximate)										
Condenser	24 (roof-mounted), 23 (nose-mounted)		24 (roof-mounted), 23 (nose-mounted)	25	30	45	45	50	50	
Evaporator	9		15	16	18	30	30	30	30	
Compressor	4.1 (TK08), 4.3 (TK15)		4.3	4.7	4.7	4.7	5.1	5.1	5.1	

Note: Refrigerant charge listed is for reference. Vehicle and piping configurations determine correct charge weights.

Dimensions (mm)

