

- EC12 Rooftop Package
- EC12H Ceiling Evaporator
- EC12I Internal Evaporator
- EC12C Remote Condenser
- EC22H Ceiling Evaporator
- EC22C Remote Condenser
- EC6 Rooftop Package
- EC9 Rooftop Package
- EB9P Filter & Pressuriser

E SERIES

Robust & Heavy-Duty Range

GENERATION E SERIES




SIGMA

BUILT FOR THE TOUGHEST AIR CONDITIONS

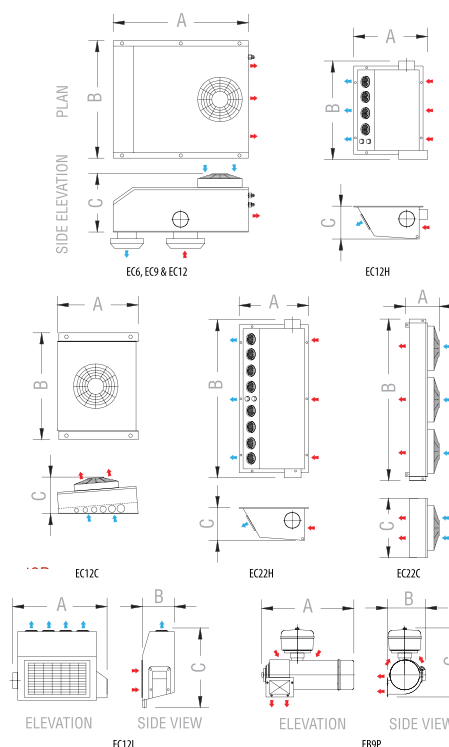
The Sigma 'E' Series air conditioner has been designed and developed for robust heavy-duty off road applications. They have been refined to suit the applications of vibration, dust and high ambient. These systems are engineered to suit small cabins rubber tyred & tracked vehicles with all components selected to provide reliable service and designed for ease of serviceability.

Benefits

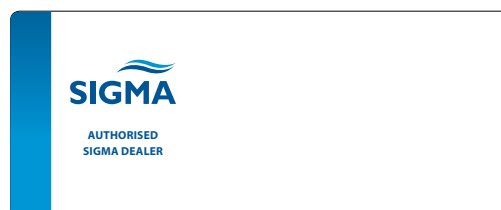
- World class after sales technical and service support
- High ambient operation
- Welded steel powder coated construction
- High quality componentry
- Washable return air filters
- Heavy-duty wide finned heat exchangers
- Common components throughout the range.

Options

- All necessary installation components
- Stainless steel construction (some models)
- Three stage filtration cabin pressurisation
- Complete system design solutions
- Radiator mounted condensers
- Air purification and high efficiency filtration systems
- Additional corrosion protection
- Self cleaning pre-cleaners.



Model No.	ROBUST RANGE				HEAVY-DUTY RANGE				
	EC12 Rooftop Package	EC22H Ceiling Evap	EC12H Ceiling Evap	EC12I Internal Evap	EC22C Remote Cond	EC12C Remote Cond	EB9P Filter & Press	EC9 Rooftop Package	EC6 Rooftop Package
Cooling capacity-KW	4	6	4	4	6	4	-	4	6
Heater capacity-KW	3.5	3.8	3.5	3.5	-	-	-	3.5	6
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a	-	R134a	R134a
Voltage	12or 24VDC	12or 24VDC	12or 24VDC	12or 24VDC	12or 24VDC	12or 24VDC	12or 24VDC	12or 24VDC	12or 24VDC
Current draw-24VDC	12.5	12	5	5	12	6	1.5	12.5	18
Current draw-12VDC	25	20	10	10	24	12	3	25	36
Supply air quantity -L/Sec	110	200	110	110	-	-	30	110	250
Fan speeds	3	3	3	3	-	-	1	3	2
Design-summer	46	46	46	46	46	46	-	46	46
Design-winter	0	0	0	0	0	0	-	0	0
Dimension A (mm)	760	390	415	545	190	455	512	760	930
Dimension B (mm)	660	886	513	180	908	600	196	660	750
Dimension C (mm)	330	180	180	420	332	205	386	252	280
Weight (nominal kgs)	35	16	10	10	14	10	8	35	35



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Knorr-Bremse Group