

ELBA family has been designed for large supermarkets and hypermarkets having in mind efficiency and reliability.

Elba is the answer to environmental concerns as it combines low energy consumption and the use of the natural refrigerant CO<sub>2</sub>.

It is also a protection of investment against cost increase and unavailability of synthetic refrigerants. While the E4N models are designed for medium temperature application only, the E4N-B are the booster version which combines MT and LT refrigeration.



## CHARACTERISTICS

- High efficiency, due to improved booster design with intercooler and regenerative heat exchanger
- Robust design and smooth operation
- Compactness
- Stainless steel piping
- Low noise
- Complete automatic backup of critical components for a trouble-free functioning
- Easy service, all the components are easily accessible. Plug and Play unit
- Stepless capacity control with frequency inverter on MT and LT
- Standard supply with 45 bar design pressure LP/IP side - 120 bar HP side
- Complete ducting of pressure relief devices
- Large volume liquid receiver for containment of whole charge
- Complete protection against risk of liquid at compressor suction
- Ducting of pressure relief devices to a common header
- CE/PED marking Cat. IV

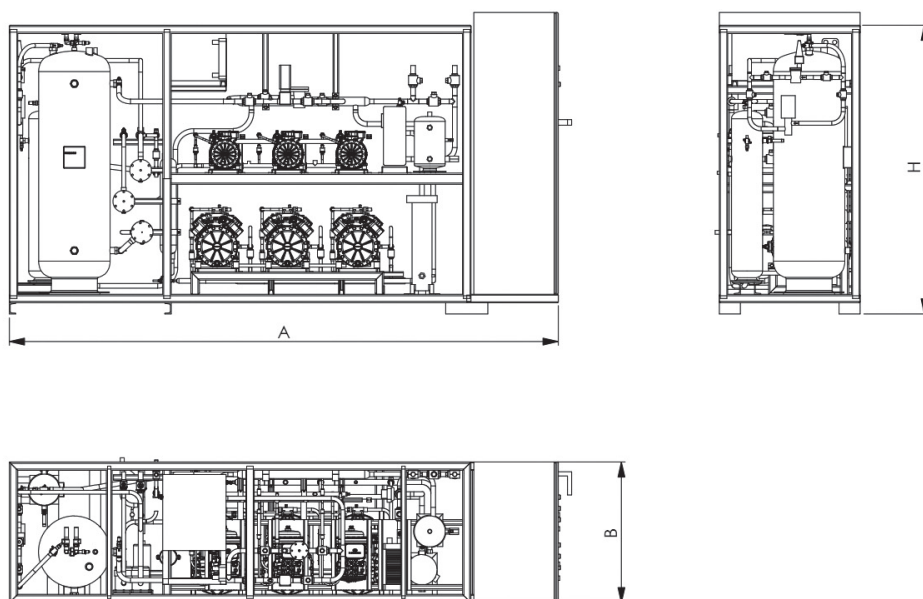


Designed for **enJECTOR**<sup>®</sup>

## OPTIONS

- Heat recovery for space and/or sanitary water heating
- Design pressure 60 bar LP/IP side
- Backup pressure maintaining unit
- Liquid level visual indicator and/or liquid level transmitter
- Integrated water-cooled condenser
- enJECTOR<sup>®</sup> for higher efficiency and increased capacity
- Economizer for efficient operation under high ambient temperature
- Customer specified control system

## DIMENSIONS



MODEL	Design data						Dimensions of unit			
	N° of compr.	$Q_{MT}$	$Q_{LT}$	Power_in	l max	Liquid receiver	A	B	H	Weight
		(a) (c)	(b) (c)	max	A	Volume (l)	mm	mm	mm	kg
E4N 35	3	82.3	-	40.0	72	280	3900	1000	2100	1700
E4N 41	3	93.2	-	45.4	77	280	3900	1000	2100	1700
E4N 53	3	120.1	-	58.6	102	280	3900	1000	2100	1800
E4N 47	4	108.0	-	52.7	96	350	4200	1000	2400	2200
E4N 71	4	157.7	-	76.9	136	350	4200	1000	2400	2200
E4N 89	5	195.5	-	95.2	169	350	4700	1000	2400	2500
E4N-B-35/12	3+3	56.0	20.1	45.8	89	280	3900	1000	2100	2000
E4N-B-41/12	3+3	66.9	20.1	51.0	95	280	3900	1000	2100	2000
E4N-B-53/16	3+3	84.1	27.0	66.2	125	280	3900	1000	2100	2100
E4N-B-47/16	4+3	71.9	27.5	60.4	118	350	4200	1000	2400	2600
E4N-B-71/20	4+3	111.7	35.6	86.6	163	350	4200	1000	2400	2600
E4N-B-89/20	5+3	149.3	35.6	104.9	197	350	4700	1000	2400	2800

(a) Evap -8°C / Ambient 30°C (b) Evap -34°C / liquid 0°C Electrical supply 400V/3 Ph/50 Hz  
(c) data with one compressor 60 Hz (standard inverter) (d) different size of liquid receiver on request  
Detailed performance data available on request.