

SUCCESS THROUGH QUALITY



QUALITY AIR SOLUTION LEAFLET

CAD E 10-260 REFRIGERANT DRYERS &
EKF 9-490 FILTERS



CAD E 10-240 REFRIGERANT DRYERS



PRESSURE DEW POINT 10° C

- High efficiency plate-fin heat exchanger
- Professional water removing function
- Low relative humidity in outlet air



MORE ENERGY EFFICIENCY

- 50% less energy consumption compared to shell and tube type dryers
- Environmental friendly refrigerant gas R134a and R410A

MORE RELIABILITY

- Industrial grade refrigeration compressor
- Digital controller and PDP display
- Optimised piping system



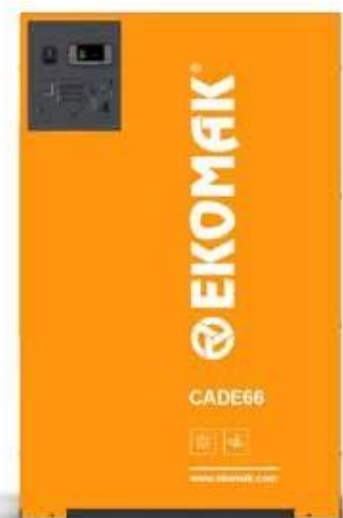
TYPE	AIR TREATMENT CAPACITY		MOTOR POWER		REFRIGERANT GAS	DIMENSIONS			WEIGHT	INLET / OUTLET CONNECTIONS
	lt/min	m3/h	W	V/Hz/Ph		LENGTH X WIDTH X HEIGHT	mm	mm		
CADE10	1000	60	350	230/1/50	R134a	353	430	445	30	G3/4"
CADE13	1300	78	400	230/1/50	R134a	550	370	704	30	G1"
CADE21	2100	126	453	230/1/50	R134a	550	370	704	34	G1"
CADE40	4000	240	843	230/1/50	R410A	520	500	809	55	G1"
CADE66	6600	396	1170	230/1/50	R410A	520	500	809	60	G1 1/2"
CADE85	8500	510	1200	230/1/50	R410A	550	600	958	68	G1 1/2"
CAD105	10500	630	1312	230/1/50	R410A	550	600	958	75	G2"
CADE140	14000	840	2143	230/1/50	R410A	900	750	1009	110	G2"
CADE175	17500	1050	2170	230/1/50	R410A	795	758	1021	128	G2"
CADE220	22000	1320	4100	230/1/50	R410A	793	932	1128	131	G2 1/2"
CADE260	26000	1560	4250	230/1/50	R410A	793	932	1128	138	G2 1/2"

CORRECTION FACTORS for other operating conditions $K = A \times B \times C$

ROOM TEMPERATURE	°C	25	30	35	40	43
	A	1	0,91	0,81	0,72	0,62

OPERATION TEMPERATURE	°C	25	30	35	40	45	50	55
	B	1	1	1	0,82	0,69	0,58	0,49

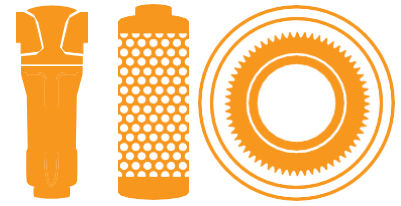
OPERATION PRESSURE	BAR	5	6	7	8	9	10	11	12	13
	C	0,90	0,96	1	1,03	1,06	1,08	1,10	1,12	1,13



EKF 9-490 FILTERS

HOW CLEAN IS YOUR COMPRESSED AIR?

Atmospheric air naturally contains several impurities such as dust, various forms of hydrocarbons and water in the form of humidity. Once the air is compressed, their concentration is increased. As a result, these contaminants find their way to the compressed air circuit, causing wear and corrosion to the downstream equipment. Ekomak air line filters remove these contaminants from the compressed air.



Strong performance filtration:

- Glass fibre of element: Effective removal of dust, oil and humidity, with low pressure drop
- Enhanced high-performance stainless steel filter cores ensure ultimate strength and low risk of implosion, guaranteed lifetime performance
- Concise, robust and easy to install and maintain



TECHNICAL DATA

MODEL	CAPACITY (L/MIN)	CONNECTION
EKF9	700	3/4"
EKF18	1500	3/4"
EKF25	2100	3/4"
EKF35	3000	1"
EKF60	4800	1.5"
EKF105	8400	2"
EKF140	11400	2"
EKF175	15600	2"
EKF260	21600	2.5"
EKF380	31500	3"
EKF490	40500	3"

FINISS CLASSIFICATION

LABEL	FILTER TYPE	OIL CONTENT	TEST METHOD	INITIAL PRESSURE DROP (BAR)	MAX. AMBIENT TEMPERATURE (°C)
G	Standard fine filter	0.1ppm	ISO 12500-1 ISO 8573-2	0.12	66
C	Super-fine filter	0.01ppm	ISO 12500-1 ISO 8573-2	0.14	66
V	Active carbon filter	0.003ppm	ISO 8573-5	0.16	35

THE COMPLETE SOLUTION IN A COMPRESSOR ROOM

