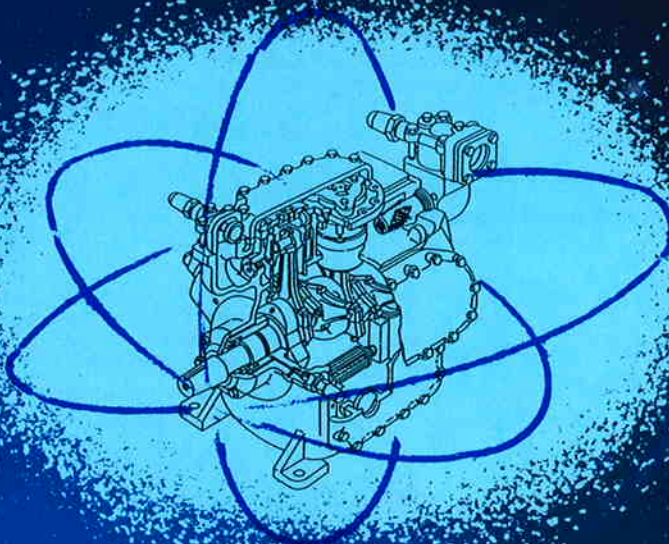


MYCOM

"OUR COMMITMENT TO A BETTER ENVIRONMENT"



K

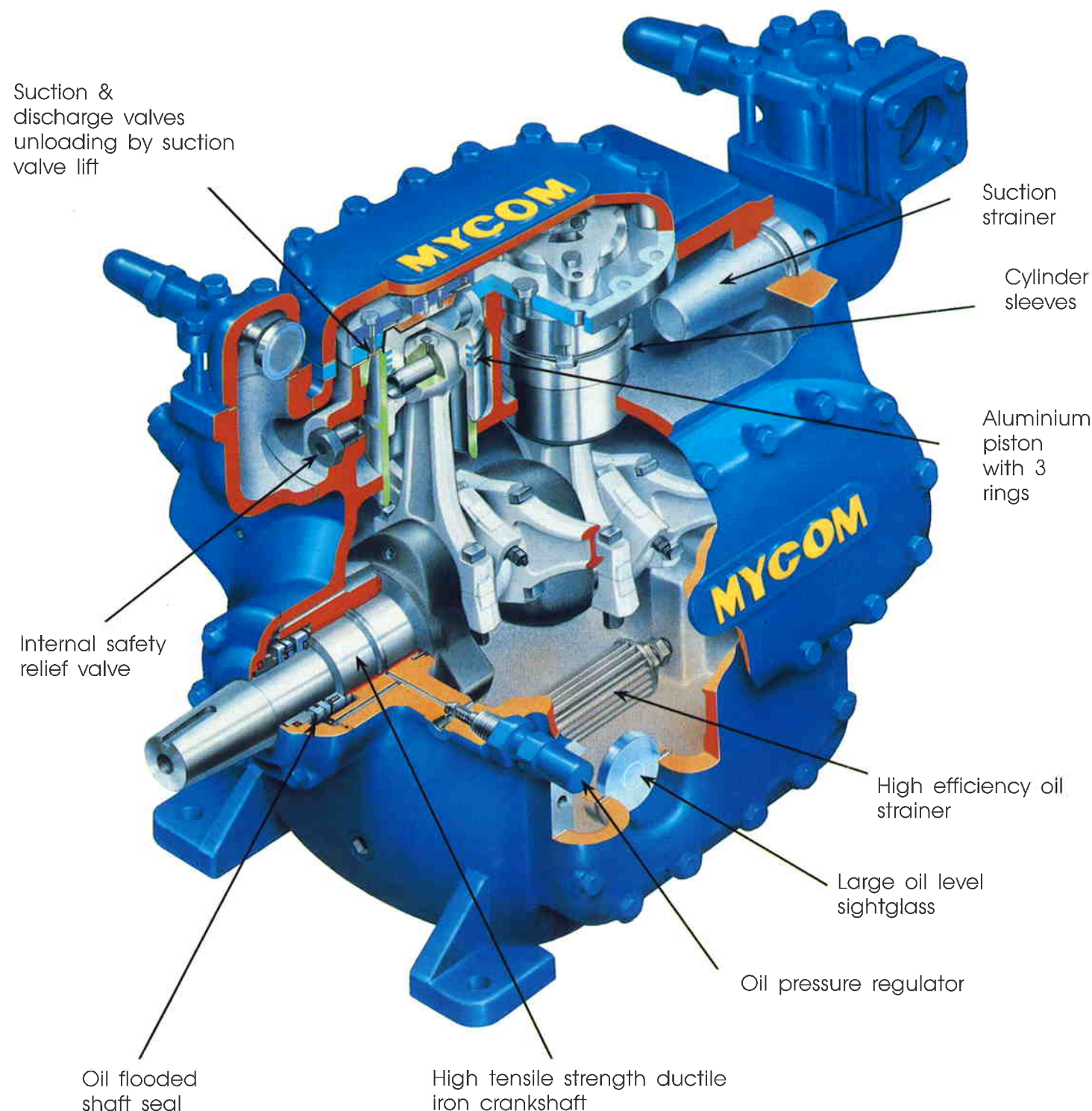
SERIES

*High-Performance Compressors & Units
Designed to Meet Today's Challenge
to Reduce Ozone Depletion*

EFFICIENT, COMPACT, LIGHTWEIGHT YET POWERFULL

The MYCOM "K" series compressor and units are another addition to the family of world-renowned MYCOM reciprocating refrigeration equipment. These halocarbon compressors are powerful, industrial quality, and designed specifically for use with R-22 and the newer ozone friendly refrigerants. This equipment is competitively priced and suitable for both industrial and commercial applications, insuring dependability, long life and low running and maintenance costs.

MYCOM "K" COMPRESSOR



COMPACT

Lighter and smaller than any other compressors of its type. All "K" series and units will fit through a standard doorway.

HI-QUALITY

Manufactured at our modern plant under the highest level of quality control.

FOR A BETTER ENVIRONMENT

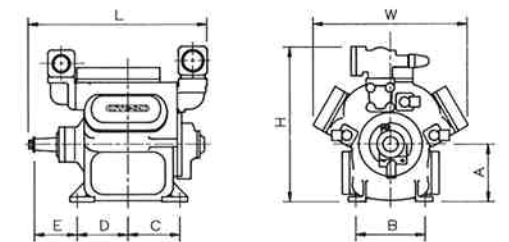
Designed specifically for use with R-22 and R-134a and other environmentally safe refrigerants to reduce ozone depletion.

SAVE ENERGY

Hydraulically operated multistep unloading system for precise control and energy efficient operation.

BARE COMPRESSORS

Model	4K	6K	8K
Type	Open Type Reciprocating		
No. of cylinder	4	6	8
Max. speed (rpm)	1800		
Displacement at max.rpm (m ³ /hr)	159.3	239.0	318.6
Capacity loading steps %	100,75 50,25	100,88 66,50 33,	100,75 50,25
Oil charge (liter)	9	9	10
Suction valve (mm)	50	65	80
Discharge valve (mm)	40	50	65
Net weight (Kg)	250	280	300



Model	L	W	H	A	B	C	D	E
4K	714	575	588	230	200	210	206	173
6K	723	636	625	230	200	210	206	173
8K	763	658	666	250	200	210	230	173

ITEMS INCLUDED

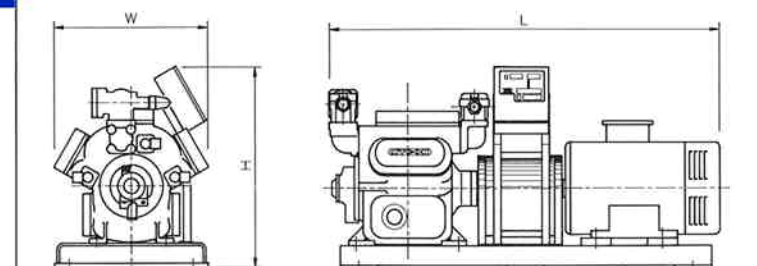
- Compressor
- Suction & discharge stop valves
- Capacity control solenoid valves
- Internal pressure relief valve
- Suction gas & oil strainers

OPTIONS

- Coupling (direct drive)
- Flywheel (belt drive)
- Crankcase heater
- MYPRO-K microprocessor control panel with pressure transducers
- Oil separator
- Oil return kit
- DX-oil cooler
- Hand tool kit

COMPRESSOR UNITS Direct Drive

Model	Dimensions (mm)			Weight (kg)
	L	W	H	
4K	1580	575	810	395
6K	1790	636	810	425
8K	1815	658	810	445



ITEMS INCLUDED

- Bare compressor
- Coupling & guard
- Crankcase heater
- Steel base
- MYPRO-K microprocessor control panel with pressure transducers

OPTIONS

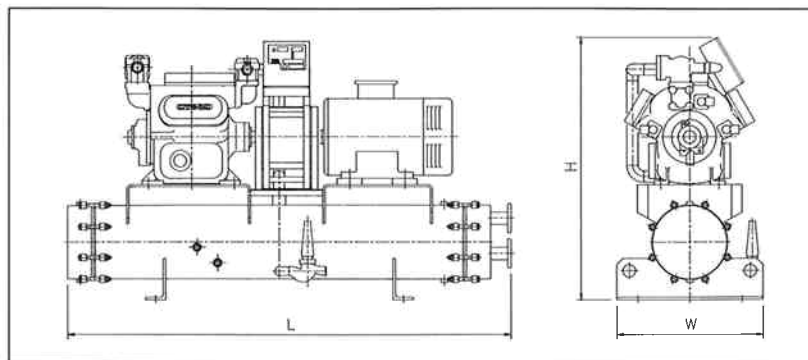
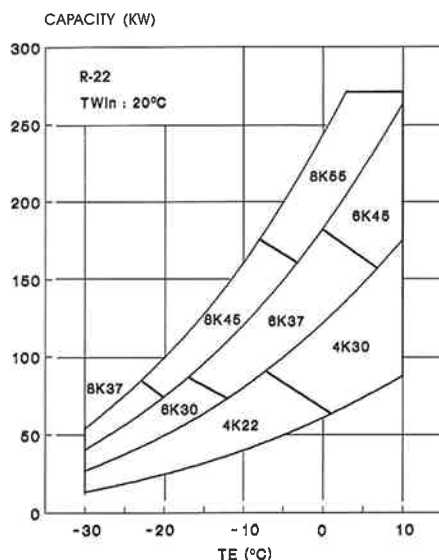
- DX oil cooler
- Oil separator
- Discharge check valve
- Oil return float kit
- Electric motor
- Motor starter

NOTE: Please contact MYCOM office for belt drive units.

CONDENSING UNITS

Direct Drive • Water Cooled

Capacity range



Model	Dimensions (mm)			Weight (kg)
	L	W	H	
4K22	2150	650	1050	670
6K30	2150	650	1090	740
8K37	2150	650	1130	800
4K30	2150	700	1150	830
6K37	2150	700	1190	900
8K45	2150	700	1230	970
6K45	2150	750	1230	1050
8K55	2150	750	1270	1100

ITEMS INCLUDED

- Compressor unit • Shell & tube water cooled condenser/receiver • Steel base
- Electric motor

OPTIONS

- DX oil cooler • Condenser water regulating valve • Oil separator
- Oil return float kit • Liquid receiver • Motor starter

PERFORMANCE TABLES FOR COMPRESSOR & CONDENSING UNITS

R-22										
Model	4K			6K			8K			
	RT	BKW	THR	RT	BKW	THR	RT	BKW	THR	
TC	TE	RT	BKW	THR	RT	BKW	THR	RT	BKW	THR
°C	°C	KW	KW	KW	KW	KW	KW	KW	KW	KW
30	-30	25.8	10.7	36.5	38.8	16.1	54.9	51.7	21.4	73.1
	-25	35.8	12.5	48.3	53.7	18.8	72.5	71.6	25.0	96.6
	-20	47.7	14.2	61.9	71.5	21.3	92.8	95.3	28.4	123.7
	-15	61.6	15.7	77.3	92.4	23.5	115.9	123.2	31.4	154.6
	-10	77.9	16.9	94.8	116.8	25.4	142.2	155.8	33.8	189.6
	-5	96.8	17.8	114.6	145.2	26.8	172.0	193.6	35.7	229.3
	0	118.6	18.4	137.0	177.9	27.6	205.5	237.2	36.7	273.9
	5	143.6	18.4	162.0	215.4	27.6	243.0	287.1	36.9	324.0
40	10	172.1	17.9	190.0	258.2	26.9	285.1	344.2	35.9	380.1
	-30	19.3	10.2	29.5	29.0	15.3	44.3	38.7	20.5	59.2
	-25	28.4	12.5	40.9	42.6	18.8	61.4	56.9	25.1	82.0
	-20	39.2	14.8	54.0	58.9	22.1	81.0	78.5	29.5	108.0
	-15	52.0	16.9	68.9	78.0	25.3	103.3	104.0	33.7	137.7
	-10	67.0	18.8	85.8	100.5	28.1	128.6	133.9	37.5	171.4
	-5	84.4	20.4	104.8	126.6	30.6	157.2	168.7	40.8	209.5
	0	104.5	21.7	126.2	156.7	32.5	189.2	208.9	43.4	252.3
	5	127.6	22.6	150.2	191.4	33.9	225.3	255.1	45.2	300.3
	10	154.0	23.0	177.0	231.0	34.5	265.5	308.0	46.0	354.0

R-134a										
Model	4K			6K			8K			
	RT	BKW	THR	RT	BKW	THR	RT	BKW	THR	
TC	TE	RT	BKW	THR	RT	BKW	THR	RT	BKW	THR
°C	°C	KW	KW	KW	KW	KW	KW	KW	KW	KW
30	-30	9.6	6.2	15.8	14.4	9.3	23.7	19.2	12.4	31.6
	-25	15.4	7.6	23.0	23.1	11.4	34.5	30.8	15.2	46.0
	-20	22.6	8.9	31.5	33.8	13.4	47.2	45.1	17.9	63.0
	-15	31.2	10.2	41.4	46.8	15.3	62.1	62.4	20.3	82.7
	-10	41.6	11.3	52.9	62.4	16.9	79.3	83.2	22.6	105.8
	-5	54.0	12.2	66.2	81.0	18.3	99.3	108.0	24.3	132.3
	0	68.7	12.8	81.5	103.0	19.2	122.2	137.3	25.6	162.9
	5	85.9	13.1	99.0	128.9	19.7	148.6	171.8	26.2	198.0
40	10	106.0	13.0	119.0	159.1	19.5	178.6	212.1	26.0	238.1
	-30	5.1	5.2	10.3	7.7	7.8	15.5	10.3	10.4	20.7
	-25	10.3	7.0	17.3	15.4	10.4	25.8	20.6	13.9	34.5
	-20	16.6	8.7	25.3	25.0	13.1	38.1	33.3	17.4	50.7
	-15	24.4	10.4	34.8	36.6	15.6	52.2	48.8	20.8	69.6
	-10	33.8	12.0	45.8	50.7	18.0	68.7	67.5	24.0	91.5
	-5	45.0	13.5	58.5	67.5	20.2	87.7	90.0	26.9	116.9
	0	58.3	14.7	73.0	87.4	22.0	109.4	116.6	29.4	146.0
	5	74.0	15.7	89.7	111.0	23.5	134.5	148.0	31.3	179.3
	10	92.4	16.3	108.7	138.6	24.4	163.0	184.7	32.6	217.3

Note: • Suction Super Heat: 0°C • Liquid Subcool: 5°C • THR: Total Heat Rejection (KW) • Direct Drive: 1450 RPM

NOTE: For more information, please contact MYCOM.

N.V. **MYCOM** EUROPE S.A.

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