A-1 COMPRESSOR

COPELAND COMPRESSOR PART NUMBER NOMENCLATURE

K A T B - 015* - C A V - 800

Compressor Family Series
Either a number or letter established for each model

Compressor Model Type

Air-Cooled

Code	Description
A =	Standard Air Cooled

Water Cooled

Code	Description
W =	Standard Water Cooled

Refrigerant Cooled

Code	Description
R =	Standard refrigerant cooled
T =	Two-Stage

Discus

Code	Description
D =	Discus Refrigerant Cooled

Displacement and Valve Plate
A letter only, randomly assigned for each different displacement valve plate combination within any one family series.

Model Variation
A number or letter assigned to indicate major variations within any one family series

Compressor Motor Rating

Oil Type *
"E" for Polyolester Oil
"A" for Alkyl Benzene Oil

Nominal (HP)	Code
1/3	003*
1/2	005*
3/4	007*
1	010*
1-1/2	015*
2	020*
2	021*
3	030*
3	031*
4	040*
5	050*
6	060*
7-1/2	075*
9	090*
10	100*
12	120*
15	150*
20	200*
22	220*
25	250*
27	270*
30	300*
35	350*
40	400*

Compressor Motor Types

Phase	Description	Code
1	Capacitor Run-Capacitor Start	C
1	Induction Run-Capacitor Start	I
3	WYE (Star) Delta	E
3	6 lead part winding or across the line, except 575Volt	F
3	Misc, 3 phase	T
	Single Voltage 3 lead	
	Dual voltage 9 lead	
	575V 60 HZ/500 V 50 HZ	
	Under 20 H.P. 3 lead	
	20 H.P. & up 6 lead part winding	

Compressor Motor Protection

Type Protection	Code
External Inherent Protection- One Protector, (Line Break) Use with Contactor	A
Internal Inherent Protection- One Protector, (Line Break) Use with Contactor	F
Internal thermostat(s); and Ext. supplementary protector(s) mounted on compressor. (Two for 3 phase one for 1 phase.) Use with contactor	H
Internal thermostat(s); and three Ext. supplementary proectors mounted on compressor. Use with contactor	L
Internal thermal protection-electronic sensors; and control module external Use with contactor	S

Bill of Material
Product Variations

Electrical Codes

60 HZ	50HZ	Code
115-1	-	A
230-1	-	B
208/230-3	200/220-3	C
460-3	380/420-3	D
575-3	550-3	E
208/230/460-3	200/280/400-3	K
N/A	210/240/380-3	L
N/A	380/420-3	M
230/460-3	200/400-3	N
N/A	200/240	R
200-3	-	U
208/230-1	200/220-1	V
N/A	220/240-1	Z

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