

Semi-Hermetic Compressors – 4D and 4R

Compressor Cooling	
Code	Description
A	Air cooled
D	Discus
R	Refrigerant cooled
T	Std. two stage
W	Water cooled

Comp. Motor Rating Nominal					
HP	Code	HP	Code	HP	Code
1/4	0025	2-3/4	0275	15	1500
1/3	0033	3 (0310)	0300	20	2000
1/2	0050	3-1/2	0350	25	2500
3/4	0075	4 (0406)	0400	30	3000
1	0100	5 (0506)	0500	35	3500
1-1/4	0125	6	0600	40	4000
1-1/2	0150	7-1/2 (0766)	0750	50	5000
1-3/4	0175	9	0900	60	6000
2	0200	10 (1015)	1000		
2-1/2	0250	12	1200		

Compressor Motor Type	
Single Phase Motors	Code
Capacitor run - Capacitor start	C
Induction run - Capacitor start	I
Induction run - Split phase	S
Induction run - Capacitor start, low torque	X
Three Phase Motors	Code
General	T
3 Lead single voltage	
6 Lead part winding (575 volt)	
9 Lead dual voltage	
Star (wye) delta	E
6 Lead motors	F
Part winding or across the line	

Product Variations
 Numbers will be assigned as follows:
 1. Numbers -001 through -199 are reserved for sub-b/m numbers.
 2. Numbers -200 indicates a standard compressor and component parts b/m and model no.
 3. Numbers -201 and larger will be assigned for all other variations of a given model.

Tandem Style Models
 Indicated by the digit representing the comp. model series connected in tandem with a comp. of the model series indicated by the first digit.

May be = (-) or A
 Note: Nominal horsepower rating of tandem compressors is sum of individual compressor ratings

4DA3 - 100E - TSK 800

Compressor Family Series
Either a number or a letter established for each product family.

Displacement and Valve Plate
A letter only, arbitrarily assigned for each different displacement within any one family series.

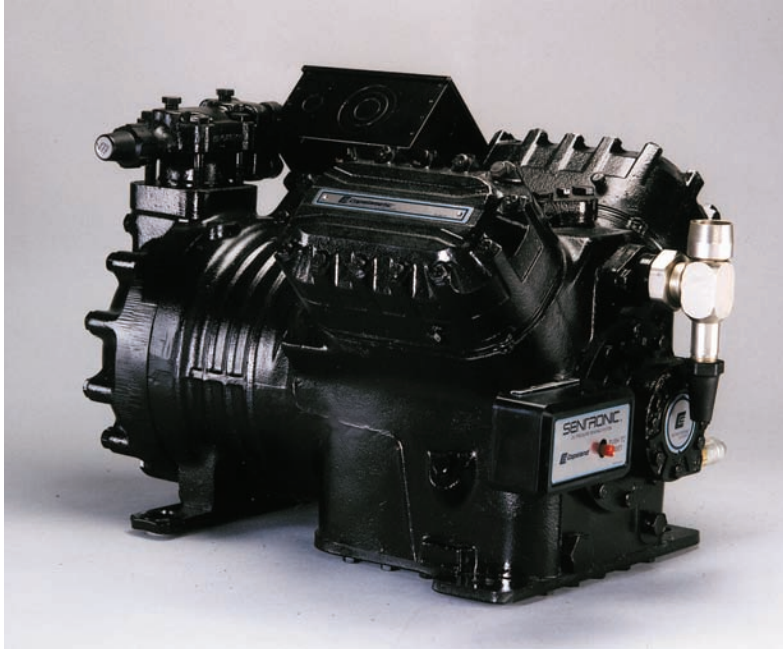
Model Variation
A number or letter, assigned to indicate different model types within any family series.

May also be
"A" = (Alkylbenzene)
"E" = (POE Oil)
"L" = (Less Oil)

Compressor Motor Protection	
Description	Code
External inherent protection - one protector (line break) use with contactor	A
Internal inherent protection - one protector use with contactor	F
Internal thermostat(s); and ext, supplementary protector(s) use with contactor.	H
Internal thermostat(s); and three ext, supplementary protector(s) use with contactor.	L
Internal thermal protectors - electronic sensors; and control module external. Use with contactor.	S
Internal thermal protectors - electronic sensors; and control module external. use with contactor (For European use only).	W

Electrical Codes					
60 Hz	50 Hz	Code	60 Hz	50 Hz	Code
115-1	100-1	A	-	220-1	S
230-1	200-1	B	-	200-1	T
5206-230-3	200/220-3	C	200-3	-	U
460-3	380/400-3	D	208-230-1	200-1	V
575-3	500-3	E	-	200/220-3	W
-	115-1	F	Misc. A.C. Ratings	X	
-	230-1	G	-	500-3	Y
208-1	200-1	H	-	220/240-1	Z
-	208/230-1	I	200-1	200-1	3
208/230/460-3	200/400-3	K	100-1	100-1	4
-	210/240/380-3	L	200-230-3	-	5
-	380-/420-3	M	230-3	-	6
230/460-3	200/400-3	N	380	346	7
-	200/380-3	P	200/220/380	200/345	8
-	200/240-3	R			

* When applicable, specific 50 HZ ratings (Not necessarily identical to typical shown above) will be shown as alternate on 60 HZ rated models.



4D and 4R – Semi-Hermetic Compressors

4D Floating Reed Models - Compressor Parts

Model	Valve Plate Kit	Unloader Valve Plate Kit	Cylinder Head Gasket	Unloader Cylinder Head Gasket	Valve Plate Gasket	Terminal Plate Group
	(998-)	(998-)	(020-)	(020-)	(020-)	(521-)
• 4DE1-1000-TSE	1661-26	1661-25	0600-00	0616-00	0664-07	0143-00
• 4DE1-1000-TSK	1661-26	1661-25	0600-00	0616-00	0664-07	0142-00
• 4DE1-2000-FSD	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE1-2000-TSE	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE1-2000-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
• 4DE2-2000-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
• 4DE3-100E-TSK	1661-26	1661-25	0600-00	0616-00	0664-07	0142-00
• 4DE3-2000-FSD	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE3-2000-TSE	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE3-2000-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
• 4DE3-200E-FSD	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE3-200E-TSE	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE3-200E-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
• 4DE4-2000-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
• 4DE5-2000-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
• 4DE8-2000-FSD	1661-27	1661-28	0600-00	0616-00	0664-07	0140-00
• 4DE8-200E-TSK	1661-27	1661-28	0600-00	0616-00	0664-07	0142-00
4DH1-1500-FSD	1661-26		0600-00		0664-03	0140-00
4DH1-1500-TSE	1661-26		0600-00		0664-03	0143-00
4DH1-1500-TSK	1661-26		0600-00		0664-03	0142-00
4DH1-2500-FSD	1661-27		0600-00		0664-03	0140-00
4DH1-2500-TSE	1661-27		0600-00		0664-03	0140-00
4DH1-2500-TSK	1661-27		0600-00		0664-03	0142-00
4DH3-150E-TSE	1661-26		0600-00		0664-03	0143-00
4DH3-150E-TSK	1661-26		0600-00		0664-03	0142-00
4DH3-2500-FSD	1661-27		0600-00		0664-03	0140-00
4DH3-2500-TSE	1661-27		0600-00		0664-03	0140-00
4DH3-2500-TSK	1661-27		0600-00		0664-03	0142-00
4DH3-250E-FSD	1661-27		0600-00		0664-03	0140-00
4DH3-250E-TSE	1661-27		0600-00		0664-03	0140-00
4DH3-250E-TSK	1661-27		0600-00		0664-03	0142-00
4DHB-1500-TSE	1661-26		0600-00		0664-03	0143-00
4DHB-1500-TSK	1661-26		0600-00		0664-03	0142-00
4DJ1-2000-FSD	1661-26		0600-00		0664-05	0140-00
4DJ1-2000-TSE	1661-26		0600-00		0664-05	0140-00
4DJ1-2000-TSK	1661-26		0600-00		0664-05	0142-00
4DJ1-3000-FSD	1661-27		0600-00		0664-05	0140-00
4DJ1-3000-TSE	1661-27		0600-00		0664-05	0140-00

• = 1 Bank Unloading

Quick Reference Guide

- 4DC3-2200-FSD
- 4DC3-2200-TSE
- 4DC3-2200-TSK
- 4DC3-220E-FSD
- 4DC3-220E-TSE
- 4DC3-220E-TSK
- 4DE1-1000-TSE
- 4DE1-1000-TSK
- 4DE1-2000-FSD
- 4DE1-2000-TSE
- 4DE1-2000-TSK
- 4DE2-2000-TSK
- 4DE3-100E-TSK
- 4DE3-2000-FSD
- 4DE3-2000-TSE
- 4DE3-2000-TSK
- 4DE3-200E-FSD
- 4DE3-200E-TSE
- 4DE3-200E-TSK
- 4DE4-2000-TSK
- 4DE5-2000-TSK
- 4DE8-2000-FSD
- 4DE8-200E-TSK
- 4DK1-1500-TSK
- 4DK1-2500-FSD
- 4DK1-2500-TSE
- 4DK1-2500-TSK
- 4DK3-150E-FSM
- 4DK3-150E-TSE
- 4DK3-150E-TSK
- 4DK3-2500-FSD
- 4DK3-2500-TSE
- 4DK3-2500-TSK
- 4DK3-250E-FSD
- 4DK3-250E-TSE
- 4DK3-250E-TSK
- 4DN1-1000-FSD
- 4DN1-1000-TSE
- 4DN1-1000-TSK
- 4DN3-1000-FSD
- 4DN3-1000-TSE
- 4DN3-1000-TSK
- 4DN3-100E-FSD
- 4DN3-100E-TSE
- 4DN3-1010-TSE
- 4DN3-1010-TSK
- 4DN3-101E-TSE
- 4DN3-101E-TSK
- 4DP1-1500-FSD
- 4DP1-1500-TSK
- 4DP3-1500-FSD
- 4DP3-1500-TSE
- 4DP3-1500-TSK
- 4DP3-150E-FSD
- 4DP3-150E-TSE
- 4DP3-150E-TSK
- 4DP8-1500-TSK
- 4DP8-150E-TSK
- 4DR1-2000-TSE
- 4DR1-2000-TSK
- 4DR1-3000-FSD
- 4DR1-3000-TSE
- 4DR1-3000-TSK
- 4DR3-200E-FSM
- 4DR3-200E-TSE
- 4DR3-200E-TSK
- 4DR3-3000-FSD
- 4DR3-3000-TSE
- 4DR3-3000-TSK
- 4DR3-300E-FSD
- 4DR3-300E-TSE
- 4DR3-300E-TSK
- 4DR8-200E-TSK
- 4DRB-2000-TSE
- 4DRB-2000-TSK
- 4DS1-2200-FSD
- 4DS1-2200-TSE
- 4DS1-2200-TSK
- 4DS3-2200-FSD
- 4DS3-2200-TSE
- 4DS3-2200-TSK
- 4DS3-220E-FSD
- 4DS3-220E-TSE
- 4DS3-220E-TSK
- 4DC3A2200-TSE
- 4DC3A2200-TSK
- 4DC3A220E-FSD
- 4DC3A220E-TSE
- 4DC3A220E-TSK
- 4DE1A1000-TSE
- 4DE1A1000-TSK
- 4DE1A2000-FSD
- 4DE1A2000-TSE
- 4DE1A2000-TSK
- 4DE2A2000-TSK
- 4DE3A100E-TSK
- 4DE3A2000-FSD
- 4DE3A2000-TSE
- 4DE3A2000-TSK
- 4DE3A200E-FSD
- 4DE3A200E-TSE
- 4DE3A200E-TSK
- 4DE4A2000-TSK
- 4DE8A2000-FSD
- 4DE8A200E-TSK
- 4DK1A1500-TSK
- 4DK1A2500-FSD
- 4DK1A2500-TSE
- 4DK3A150E-FSM
- 4DK3A150E-TSE
- 4DK3A150E-TSK
- 4DK3A2500-FSD
- 4DK3A2500-TSE
- 4DK3A2500-TSK
- 4DK3A250E-FSD
- 4DK3A250E-TSE
- 4DK3A250E-TSK
- 4DN1A1000-FSD
- 4DN1A1000-TSE
- 4DN1A1000-TSK
- 4DN3A1000-FSD
- 4DN3A1000-TSE
- 4DN3A1000-TSK
- 4DN3A100E-FSD
- 4DN3A100E-TSE
- 4DN3A1010-TSE
- 4DN3A1010-TSK
- 4DN3A101E-TSE
- 4DN3A101E-TSK
- 4DP1A1500-FSD
- 4DP1A1500-TSK
- 4DC3A220E-TSK
- 4DE1A1000-TSE
- 4DE1A2000-FSD
- 4DE2A2000-TSE
- 4DE3A100E-TSK
- 4DE3A2000-TSE
- 4DE3A2000-TSK
- 4DE3A200E-FSD
- 4DE3A200E-TSE
- 4DE3A200E-TSK
- 4DE4A2000-TSK
- 4DE8A2000-FSD
- 4DE8A200E-TSK
- 4DK1A1500-TSK
- 4DK1A2500-FSD
- 4DK1A2500-TSE
- 4DK3A150E-FSM
- 4DK3A150E-TSE
- 4DK3A150E-TSK
- 4DK3A2500-FSD
- 4DK3A2500-TSE
- 4DK3A2500-TSK
- 4DK3A250E-FSD
- 4DK3A250E-TSE
- 4DK3A250E-TSK
- 4DN1A1000-FSD
- 4DN1A1000-TSE
- 4DN1A1000-TSK
- 4DN3A1000-FSD
- 4DN3A1000-TSE
- 4DN3A1000-TSK
- 4DN3A100E-FSD
- 4DN3A100E-TSE
- 4DN3A1010-TSE
- 4DN3A1010-TSK
- 4DN3A101E-TSE
- 4DN3A101E-TSK
- 4DP1A1500-FSD
- 4DP1A1500-TSK
- 4DP3A1500-FSD
- 4DP3A1500-TSE
- 4DP3A1500-TSK
- 4DP3A150E-FSD
- 4DP3A150E-TSE
- 4DP3A150E-TSK
- 4DP8A1500-TSK
- 4DP8A150E-TSK
- 4DR1A2000-TSE
- 4DR1A2000-TSK
- 4DR1A3000-FSD
- 4DR1A3000-TSE
- 4DR1A3000-TSK
- 4DR3A200E-TSE
- 4DR3A200E-TSK
- 4DR3A3000-FSD
- 4DR3A3000-TSE
- 4DR3A3000-TSK
- 4DR3A300E-FSD
- 4DR3A300E-TSE
- 4DR3A300E-TSK
- 4DR8A200E-TSK
- 4DS1A2200-FSD
- 4DS1A2200-TSE
- 4DS1A2200-TSK
- 4DS3A2200-FSD
- 4DS3A2200-TSE
- 4DS3A2200-TSK
- 4DS3A220E-FSD
- 4DS3A220E-TSE
- 4DS3A220E-TSK
- 4RE2-1000-FSM
- 4RE2-1000-TSE
- 4RE2-1000-TSK
- 4RE2-2000-FSD
- 4RE2-2000-TSE
- 4RE2-2000-TSK
- 4RK2-1500-FSM
- 4RK2-1500-TSE
- 4RK2-1500-TSK
- 4RK2-2500-FSD
- 4RK2-2500-TSE
- 4RK2-2500-TSK
- 4RR1-3000-FSD
- 4RR1-3000-TSE
- 4RR1-3000-TSK
- 4RR2-3000-FSD
- 4RR2-3000-TSE
- 4RR2-3000-TSK
- D 4DBXF54KE-TSE
- D 4DBXF54KE-TSK
- D 4DBXR20ME-FSD
- D 4DBXR20ME-TSE
- D 4DBXR20ME-TSK
- 4DCNF54KE-TSE
- 4DCNF54KE-TSK
- 4DCNR20ME-FSD
- 4DCNR20ME-TSE
- 4DCNR20ME-TSK
- D 4DHXF63KE-FSD
- D 4DHXF63KE-TSE
- D 4DHXF63KE-TSK
- D 4DHXR22ME-FSD
- D 4DHXR22ME-TSE
- D 4DHXR22ME-TSK
- D 4DJXF76ME-FSD
- D 4DJXF76ME-TSE
- D 4DJXF76ME-TSK
- D 4DJXR28ME-FSD
- D 4DJXR28ME-TSE
- D 4DJXR28ME-TSK
- 4DKNF63KE-FSD
- 4DKNF63KE-TSE
- 4DKNF63KE-TSK
- 4DKNR16ME-TSE
- 4DKNR16ME-TSK
- 4DKNR22ME-FSD
- 4DKNR22ME-TSE
- 4DKNR22ME-TSK
- 4DRNF76KE-FSD
- 4DRNF76KE-TSE
- 4DRNF76KE-TSK
- 4DRNR19ME-TSK
- 4DRNR28ME-FSD
- 4DRNR28ME-TSE
- 4DRNR28ME-TSK

D = Digital Model
 • = 1 Bank Unloading