

# COPELAMETIC® COMPRESSOR MODEL NUMBER NOMENCLATURE OLD

**COMPRESSOR COOLING**  
**CODE**  
 A AIR COOLED  
 D DISCS  
 R REFRIGERANT COOLED  
 T STD. TWO STAGE  
 W WATER COOLED

MAY BE  
 (C) OR A

**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 ALSO BE  
 "A" (Alkylbenzene)  
 "E" (POE Oil)  
 "L" (Less Oil)

**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-  
 VALVE PLATE COMBINATION WITHIN ANY  
 ONE FAMILY SERIES.

**MODEL VARIATIONS**  
 EITHER A NUMBER OR A LETTER  
 ASSIGNED TO INDICATE MAJOR  
 VARIATIONS WITHIN ANY ONE  
 FAMILY SERIES.

NOTE: Nominal  
 horsepower rating of  
 tandem compressors  
 is sum of individual  
 compressor ratings.

## 3 D S 3 A 150 E

## T F C XXX

**COMPRESSOR MOTOR TYPE**  
**SINGLE PHASE MOTORS**  
 CAPACITOR RUN - CAPACITOR START  
 INDUCTION RUN - CAPACITOR START  
 INDUCTION RUN - SPLIT PHASE  
 INDUCTION RUN - CAPACITOR START, LOW TORQUE  
 THREE PHASE MOTORS  
 GENERAL  
 3 LEAD SINGLE VOLTAGE  
 6 LEAD PART WINDING (575 VOLT)  
 9 LEAD DUAL VOLTAGE  
 STAR (WYE) DELTA  
 6 LEAD MOTORS  
 PART WINDING OR ACROSS THE LINE

**CODE**  
 C  
 I  
 S  
 X  
 T  
 H  
 F

**PRODUCT VARIATIONS**  
 NUMBERS WILL BE ASSIGNED AS FOLLOWS:  
 1. NUMBERS -J01 THROUGH -199 ARE  
 RESERVED FOR SUB-BM NUMBERS.  
 2. NUMBERS -200 INDICATES A STANDARD  
 COMPRESSOR AND COMPONENT PARTS  
 BM AND MODEL NO.  
 3. NUMBERS -201 AND LARGER WILL BE  
 ASSIGNED FOR ALL OTHER VARIATIONS  
 OF A GIVEN MODEL.

**COMP. MOTOR RATING**

NOMINAL HP.	CODE
1/4	0025
1/3	0035
1/2	0055
3/4	0075
1	0100
1-1/4	0125
1-1/2	0150
1-3/4	0175
2	0200
2-1/2	0250
2-3/4	0275
3	0310
3-1/2	0350
4	0400
5	0466
6	0509
7-1/2	0765
9	0900
10	1000
12	1200
15	1500
20	2000
25	2500
30	3000
35	3500
40	4000
50	5000
60	6000

**COMPRESSOR MOTOR PROTECTION**

**TYPE PROTECTION**  
 EXTERNAL INHERENT PROTECTION-ONE  
 PROTECTOR (LINE BREAK) USE WITH  
 CONTACTOR  
 INTERNAL INHERENT PROTECTION-ONE  
 PROTECTOR USE WITH CONTACTOR  
 INTERNAL THERMOSTAT (S); AND EXT.  
 SUPPLEMENTARY PROTECTOR (S).  
 USE WITH CONTACTOR.  
 INTERNAL THERMOSTAT (S); AND THREE EXT.  
 SUPPLEMENTARY PROTECTORS. USE WITH  
 CONTACTOR  
 INTERNAL THERMAL PROTECTORS-ELEC-  
 TRONIC SENSORS; AND CONTROL MODULE  
 EXTERNAL. USE WITH CONTACTOR.  
 INTERNAL THERMAL PROTECTORS-ELEC-  
 TRONIC SENSORS; AND CONTROL MODULE  
 EXTERNAL. USE WITH CONTACTOR.  
 (FOR EUROPEAN USE ONLY)

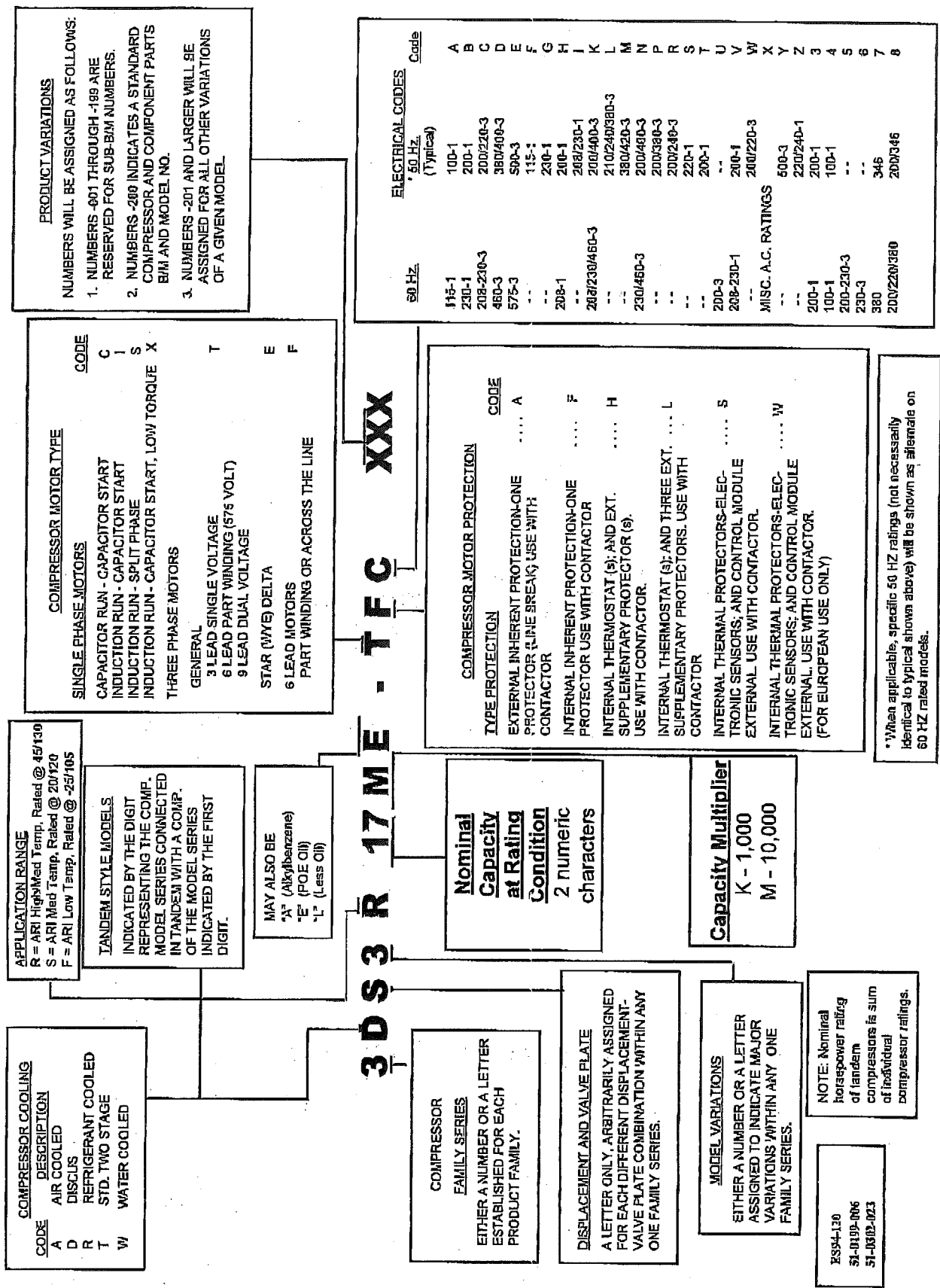
**CODE**  
 A  
 F  
 H  
 L  
 S  
 W

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

**ELECTRICAL CODES**

60 HZ	* 50 HZ (Typical)	Code
115-1	100-1	A
230-1	200-1	B
208-230-3	200/220-3	C
400-3	380/400-3	D
575-3	500-3	E
--	115-1	F
--	230-1	G
208-1	200-1	H
208/230-1	200/230-1	I
200/400-3	200/400-3	J
210/240/280-3	210/240/280-3	K
380/420-3	380/420-3	L
210/400-3	210/400-3	M
210/580-3	210/580-3	N
280/240-3	280/240-3	P
220-1	220-1	R
200-1	200-1	S
200-3	200-3	T
208-230-1	208-230-1	U
208-230-3	208-230-3	V
MISC. A.C. RATINGS	X	W
500-3	500-3	Y
220/240-1	220/240-1	Z
200-1	200-1	3
100-1	100-1	4
200-230-3	200-230-3	5
230-3	--	6
380	--	7
210/230/380	210/230/380	8

# DISCUS® COMPRESSOR MODEL NUMBER NOMENCLATURE **NEW**



**COMPRESSOR COOLING DESCRIPTION**  
**CODE**  
 A AIR COOLED  
 D DISCUS  
 R REFRIGERANT COOLED  
 T STD. TWO STAGE  
 W WATER COOLED

**APPLICATION RANGE**  
 R = ARI HighMed Temp. Rated @ 45/130  
 S = ARI Med Temp. Rated @ 20/120  
 F = ARI Low Temp. Rated @ -25/105

**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 ALSO BE  
 "A" (Alkylbenzene)  
 "E" (POE Oil)  
 "L" (Less Oil)

**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-VALVE PLATE COMBINATION WITHIN ANY ONE FAMILY SERIES.

**MODEL VARIATIONS**  
 EITHER A NUMBER OR A LETTER ASSIGNED TO INDICATE MAJOR VARIATIONS WITHIN ANY ONE FAMILY SERIES.

NOTE: Nominal horsepower ratings of tandem compressors is sum of individual compressor ratings.

ES94-130  
 51-0199-1066  
 51-10102-023

**COMPRESSOR MOTOR TYPE**  
**SINGLE PHASE MOTORS**  
 CAPACITOR RUN - CAPACITOR START  
 INDUCTION RUN - CAPACITOR START  
 INDUCTION RUN - SPLIT PHASE  
 INDUCTION RUN - CAPACITOR START, LOW TORQUE  
**THREE PHASE MOTORS**  
 GENERAL  
 3 LEAD SINGLE VOLTAGE  
 6 LEAD PART WINDING (575 VOLT)  
 9 LEAD DUAL VOLTAGE  
 STAR (WYE) DELTA  
 6 LEAD MOTORS  
 PART WINDING OR ACROSS THE LINE

**PRODUCT VARIATIONS**  
 NUMBERS WILL BE ASSIGNED AS FOLLOWS:  
 1. NUMBERS -601 THROUGH -189 ARE RESERVED FOR SUB-BIM NUMBERS.  
 2. NUMBERS -200 INDICATES A STANDARD COMPRESSOR AND COMPONENT PARTS BIM AND MODEL NO.  
 3. NUMBERS -201 AND LARGER WILL BE ASSIGNED FOR ALL OTHER VARIATIONS OF A GIVEN MODEL.

**COMPRESSOR MOTOR PROTECTION**  
**TYPE PROTECTION**  
 EXTERNAL INHERENT PROTECTION-ONE PROTECTOR (LINE BREAK) USE WITH CONTACTOR  
 INTERNAL INHERENT PROTECTION-ONE PROTECTOR USE WITH CONTACTOR  
 INTERNAL THERMOSTAT (S); AND EXT. SUPPLEMENTARY PROTECTOR (S) USE WITH CONTACTOR  
 INTERNAL THERMOSTAT (S); AND THREE EXT. SUPPLEMENTARY PROTECTORS. USE WITH CONTACTOR  
 INTERNAL THERMAL PROTECTORS-ELECTRONIC SENSORS; AND CONTROL MODULE EXTERNAL USE WITH CONTACTOR  
 INTERNAL THERMAL PROTECTORS-ELECTRONIC SENSORS; AND CONTROL MODULE EXTERNAL USE WITH CONTACTOR (FOR EUROPEAN USE ONLY)

**Nominal Capacity at Rating Condition**  
 2 numeric characters

**Capacity Multiplier**  
 K - 1,000  
 M - 10,000

60 Hz.	50 Hz. (Typical)	Code
115-1	100-1	A
230-1	200-1	B
208-230-3	200/220-3	C
460-3	380/400-3	D
575-3	500-3	E
---	115-1	F
---	230-1	G
208-1	200-1	H
---	208/230-1	I
---	200/400-3	J
208/230/460-3	210/240/380-3	K
---	380/420-3	L
---	200/390-3	M
230/460-3	200/390-3	N
---	200/240-3	P
---	220-1	R
---	200-1	T
200-3	---	U
208-230-1	200-1	V
---	200/220-3	W
---	600-3	X
---	220/240-1	Y
200-1	200-1	Z
100-1	100-1	3
200-230-3	---	4
230-3	---	5
360	---	6
200/220/380	346	7
	200/346	8

\*When applicable, specific 60 Hz ratings (not necessarily identical to typical shown above) will be shown as alternate on 60 Hz rated models.