

BRISTOL
COMPRESSOR MODEL NUMBER SYSTEM
Bristol Serial Number System:

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Reciprocating Compressors Serial Number System

108 02 2 00235

Julian Date of Manufacture: 108 = April 18th
Year Manufactured 02 = 2002

Mfg. Location: 0 or 2 = Bristol
Sequence # of Units Built During Week

H

2

9

B

19

U

A

B

C

A

Family
A= Model A Reciprocating
B= Model B Reciprocating
C= Scroll (<42K)
D= Dual Compressor Application
G= Model G Reciprocating
J= Benchmark Mode Reciprocating
R= Scroll (>42K)
S= Single Cylinder Series
T= Two Cylinder Series

Capacity:
193= 19 +(3) 0's or 19,000 BTU/Hr ; 244= 24 + (4) 0's or 240,000 BTU/Hr
19Q= 19 +(3) 0's in "Quite Version" = 19,000 BTU/Hr. "Quiet"
19U= 19 +(3) 0's in "Upgrade" = 19,000 BTU/Hr. "Upgrade"
19B = 19 + (3) 0's Internal Bleed applied for equalized start

Generation
B= Second Generation- No PRV (Except G Series)
D= Dual Compressor Application (Single & Interconnected)
E= High Efficiency
M= Alternate Pressure Relief Valve
N= No Pressure Relief Valve (Except G Series)
O= Basic Standard Model
P= Basic Standard Model - Upgrade Plus
1= Second Generation - Basic Standard Model
2= Third Generation - Basic Standard Model
3= Fourth Generation - Basic Standard Model
4= Basic Standard Model - Improved Sound
5= Inertia Series - Standard Model
6= Inertia Series - High Efficiency Model
7= Inertia Series= Second Generation High Efficiency Model
8= Fifth Generation- Basic Standard Model Upgrade
9= Sixth Generation- Basic Standard Model Upgrade

Type of Refrigerant
1= R12
2= R22
3=R134a
5= R502 or Alt. Replacement Refrigerant SUVA-HP-81 (Refrigerant R402B)
6= R404a (SUVA HP62)
7= R407C (SUVA AC9000 or KLEA 66)
8= R410A

Refrigeration Application
H= High Temperature
M= Medium Temperature
L= Low Temperature
S= High Temperature (One Capacity / 1, 2, 3, or 4 cylinder) Half/Single
T = High Temperature (Two Capacities / 2 or 4 cylinder) - Twin/Single

Mounting Feet Dim;
A= 7.5 x 7.5
B= 4.8 x 8.0
C= 8.4 x 9.8
D= 6.12 x 8.0
E= 9.5 x 9.5
F=10.5 x 10.5
H= 7.5 x 21.5
J= 7.5 x 22.5
X= 8.8 x 6.1

Electrical Characteristics
A= 115-1-60
B= 230-1-60
C= 230/208-1-60
D= 230/208-3-60 (220/200-3-50)
E= 460-3-60 (380/415-3-50)
F= 575-3-60 (500-3-50)
G= 200-1-60
H= 265-1-60 (220/240-1-50)
J= 230/208-1-50
K=220/240-1-50
L=230/200-3-60 (220/200-3-50)
M= 220/200-3-50
N= 380/415-3-50
P= 240/200-1-50
T= 208-1-60
U= 220/380-3-60
V= 460/380-3-60 (380/415-3-50)
W= 380/460-3-60
X= 380-3-60
Y= 230/208-3-60 (No 50 Hz)

Motor Protector
B= Internal Line Break
P= Pilot Duty - Solid State
R= Pilot Duty - Solid State (2nd Generation)
T= Pilot Duty - Internal Thermostat and Ex ternal Sensing Elements

Motor Type:
A= PSC Permanent Slip Capacitor
B= CSR Capacitor Start/Cap. Run
C= RSCR Resistance Start/Cap. Run
D= AI 3 Phase-Across the Line
E= CSIR Cap. Start/Induction Run
F= PWS 3 Phase-Part Winding Start
G= 3 Phase 2/4/Pole (2 Speed)
J= 1 Phase 2/4 Pole (2 Speed)
K= 3 Phase Dual Voltage
L= 3 Phase - WYE DELTA

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

B-14

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BRISTOL COMPRESSOR

SUBJECT: R22 Replacement Series

Bristol will phase out production of the H29B, H20J, H21J, H23A,, H28A, H29A and H2*G R22 compressors by December 31, 2009.

All R22 compressors will be streamlined to H22J, H22A and H7*G.

The following chart shows the current and replacement models.

Capacity at 45/130	Current Model	Replacement Model
15,000 – 44,000	H29B, H20J, H21J	H22J
50,000 – 72,000	H23A/ H29A	H22A
88,000 – 253,000	H2NG/H2BG	H7NG/H7BG

These changes will not diminish Bristol's product offering. Bristol will continue to maintain the wide variety of reciprocating product in our market. The goal is to streamline our product offering while improving delivery, quality, and service to our valued customers.

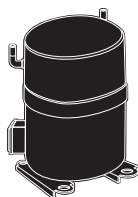
Your Bristol Account Manager will provide you with a cross-reference including the new and old model number and current pricing. If you have not received this information, please contact your Bristol representative immediately.

Detailed performance information can be found on our website www.bristolcompressors.com under the heading "Bristol products".

Product Marketing Bulletin

HERMETIC RECIP

BRISTOL
R-22, 60 HZ



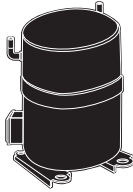
- For Heat Pump & Air Conditioning duty
- Low Noise & Vibration levels
- Inherent motor protection
- Improved sound levels **
- R-22

PART NO	SUPPLIER PART NO	BTUH	VOLTS	PH	HZ	RLA	H	DWG	MTG ARR	RUN CAP MFD/VOLTS	RUN CAP PART NO	ST CAP MFD/VOLTS	ST CAP PART NO
P032-1523	H20J153ABCA	15100	208/230	1	60	6.2	13.3	503C	A	30/370	P291-3003	145-175/250	P281-1455
P032-1524	H22J15BABCA	15500	208/230	1	60	6.7	13.3	503C	A	30/370	P291-3003	161-193/250	P281-1615
P032-1724	H29B18UABCB	18300	208/230	1	60	7.4	13.3	503C	A	30/370	P291-3003	161-193/250	P281-1615
P032-1820	H22J18BABCA	18300	208/230	1	60	7.4	13.3	503C	A	30/370	P291-3003	161-193/250	P281-1615
P032-2229	H22J22BABCA	22600	208/230	1	60	9.6	13.3	503C	A	30/370	P291-3003	145-175/250	P281-1455
P032-2124	H20J213ABCA	21100	208/230	1	60	8.8	13.3	503C	A	30/370	P291-3003	145-175/250	P281-1455
P032-2227	T21J225CBCA	22100	208/230	1	60	9.1	15.8	501C	A	30/440	P291-3004	216-259/330	P281-2166
P032-2429	H22J25BABCA	24200	208/230	1	60	9.6	13.8	503B	A	35/370	P291-3503	145-175/250	P281-1455
P032-2428	H20J253ABCA	24200	208/230	1	60	9.8	13.8	503B	A	35/370	P291-3503	145-175/330	P281-1456
P032-2625	H29B26UABCB	26700	208/230	1	60	11	13.8	503B	A	35/370	P291-3503	145-175/250	P281-1455
P032-2829	H22J29BABCA	28800	208/230	1	60	12	13.8	503B	A	35/370	P291-3503	145-175/250	P281-1455
P032-3121	H22J33BABCA	31900	208/230	1	60	13	14.3	503C	A	40/370	P291-4003	145-175/250	P281-1455
P032-3526	H22J36BABCA	35700	208/230	1	60	14	14.3	501B	A	45/370	P291-4503	145-175/250	P281-1455
P032-3723	H20J383ABCA	37800	208/230	1	60	15	15.5	501B	A	45/370	P291-4503	189-227/250	P281-1895
P032-3721	H22J38BABCA	37800	208/230	1	60	15	216	501B	A	45/370	P291-4503	189-227/250	P281-1895
P032-4021	H22J41BABCA	40900	208/230	1	60	17	15.5	501B	A	50/370	P291-5003	216-259/330	P281-2166
P032-4421	H22J44BABCA	44300	208/230	1	60	18	15.5	501B	A	65/370	NR	216-259/330	P281-2166
P032-4481	H22J443DBFA	44100	575	3	60	4.6	15.5	501B	A	NR	NR	NR	NR
P032-4982	H25A50QDBFA	49100	575	3	60	5.2	17.4	501B	A	NR	NR	NR	NR
P032-4983	H29A503DBFA	50700	575	3	60	4.9	17.4	501B	A	NR	NR	NR	NR
P032-5021	H23A503ABCA	49000	208/230	1	60	22	16.1	501B	A	40/440	P291-4004	135-155/330	P281-1356
P032-5722	H28A583CBCA	56500	208/230	1	60	25	16.1	501A	A	60/370	P291-6003	270-324/330	P281-2706
P032-5883	H22A563DBFA	55600	575	3	60	6.4	16.1	501A	A	N/R	N/R	N/R	NR
P032-5723	H22A583ABCA	57100	208/230	1	60	27	16.1	501B	A	55/440	P291-5504	135-155/330	P281-1356
P032-6022	H22A623ABCA	60800	208/230	1	60	28	16.1	501A	A	55/440	P291-5504	135-155/330	P281-1356

Compressors, Chillers & Condensers

HERMETIC RECIP

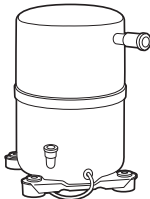
BRISTOL
R-22, 50/60 HZ



PART NO	SUPPLIER PART NO	BTUH	VOLTS	RLA	H	DWG	MTG ARR	RUN CAP PART NO	ST CAP PART NO
P032-2651	H23A263DBLA	26000	200/230	7.4	14.9	501B	A	NR	NR
P032-2751	H22J293DBLA	28000	200/230	7.8	13.8	503C	A	NR	NR
P032-2871	H29B28UDBVA	28300	460	4.1	13.2	503C	A	NR	NR
P032-3171	H23A323DBEA	31700	460	4.6	14.6	501B	A	NR	NR
P032-3252	H23A323DBLA	31700	200/230	9.4	14.6	501A	A	NR	NR
P032-3254	H29B32UDBLA	32400	200/230	9	14.3	503C	A	NR	NR
P032-3271	H29B32UDBEA	31600	460	4.5	14.3	503C	A	NR	NR
P032-3553	H22J363DBLA	35000	200/230	9.6	14.3	501B	A	NR	NR
P032-3475	H22J363DBVA	34400	460	4.9	14.3	501B	A	NR	NR
P032-3753	H22J383DBLA	37500	200/230	10.2	15.5	501B	A	NR	NR
P032-3773	H22J383DBVA	37500	460	5	15.5	501B	A	NR	NR
P032-3853	H28A383DBLA	38650	200/230	10.4	16.1	501B	A	NR	NR
P032-3872	H23A383DBEA	37900	460	5.2	14.6	501A	A	NR	NR
P032-4051	H22J413DBLA	40500	200/230	11	15.5	501B	A	NR	NR
P032-4172	H22J413DBEA	40400	460	5.4	15.5	501B	A	NR	NR
P032-4452	H22J443DBDA	44100	208/230	11.7	15.5	501A	A	NR	NR
P032-4471	H22J443DBEA	44100	460	5.8	15.5	501A	A	NR	NR
P032-4956	H22A503DBLA	49000	200/230	13.7	16.1	501B	A	NR	NR
P032-4975	H22A503DBEA	49000	460	6.8	16.1	501B	A	NR	NR
P032-5451	H29A543DBLA	54600	200/230	13.7	17.4	501B	A	NR	NR
P032-5854	H22A563DBLA	55600	200/230	15.3	16.1	501A	A	NR	NR
P032-5871	H22A583DBEA	58400	460	7.9	16.1	501A	A	NR	NR
P032-5872	H22A623DBEA	60800	460	8.5	16.1	501B	A	NR	NR
P032-6051	H22A623DBLA	60800	200/230	17	16.1	501B	A	NR	NR
P032-6271	H23A623DBEA	60800	460	8.5	16.1	501A	A	NR	NR

HERMETIC RECIP

BRISTOL
R-410A, 60 HZ



- For Heat Pump and Air Conditioning duty
- Low Noise and Vibration Levels
- Inherent Motor protection
- Improved Sound Levels
- 60 Cycles
- 208/230 V Single Phase
- R-410A

PART NO	SUPPLIER PART NO	BTUH	RLA	H	DWG	MTG ARR	RUN CAP MFD/VOLTS	RUN CAP PART NO	ST CAP MFD/VOLTS	ST CAP PART NO	ST RELAY PART NO
P032-1829	T81J195CBCA	18300	11.4	15.6	501C	A	30/440	P291-3004	216-259/330	P281-2166	HN71PC003
P032-1926	T89B194CBCA	19250	11.9	14.3	503C	A	25/440	P291-2504	SPECIAL RELAY	KICKSTART	HC95DA175
P032-2722	T89B284CBCA	27200	15	14.3	503C	A	45/440	P291-4504	SPECIAL RELAY	KICKSTART	HC95DA700
P032-2723	T81J285CBCA	27700	14.3	15.6	501C	A	40/440	P291-4004	238-262/330	HC95DE041	HN71PC003
P032-3026	H82J303ABCA	30800	13	15	503C	A	45/370	P291-4503	189227/250	NR	NR
P032-3525	T81J384CBCA	35500	25	15.6	501C	A	55/440	P291-5504	238-262/330	HC95DE041	HN71PC003
P032-3722	T89B385CBCA	37600	22	14.3	503C	A	55/440	P291-5504	SPECIAL RELAY	KICKSTART	HC95DA700
P032-5121	T89A514BBCA	51470	28.6	17.4	501B	A	55/370	P291-5503	SPECIAL RELAY	KICKSTART	HC95DA401
P032-5122	T89A514BBCA	51900	29.3	17.4	501A	A	55/370	P291-5503	SPECIAL RELAY	KICK START	HC95DA401
P032-5221	T89A515BBCA	52700	28.2	17.4	501C	A	55/370	P291-5503	324-356/330	HC95DE042	HN71PC003

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