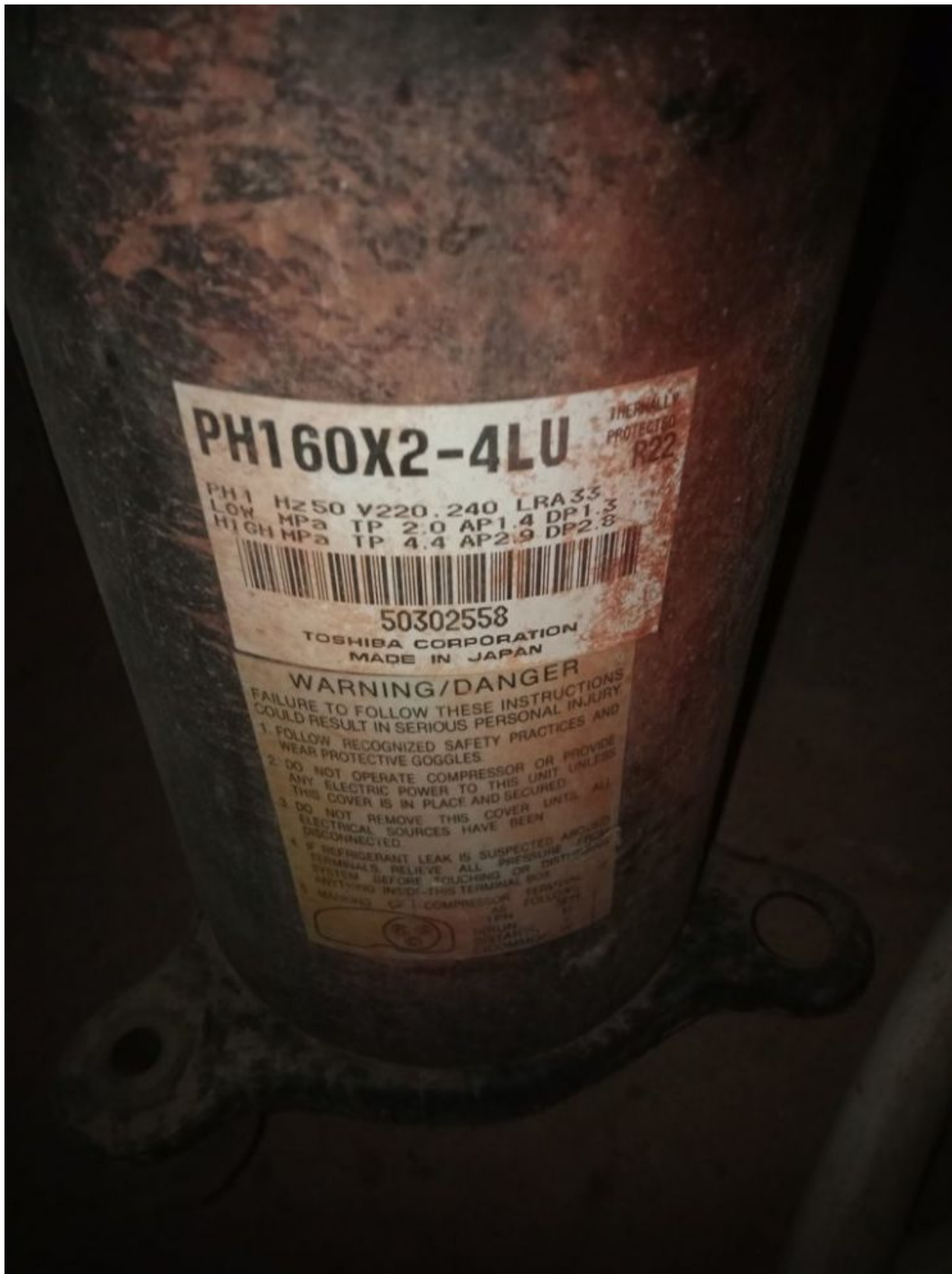


Mbsm.pro, Compressor, Toshiba,  
PH160X2-4LU, 12000 btu, 220 v, 1ph,  
rla 6.5 a, fla 40 a, 35  $\mu$ F

Category: compressor

written by Lilianne | 19 February 2022



Private Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Ampstart	Ampernami	Voltage	Application	BUT / hr	capacity	Compressor model
22.5	4.1	220 / 440-1 AC / HP	9,300			PH112X2-4KU
30.0	5.7	220 / 440-1 AC / HP	11,600			PH142X2-4KU
40.0	6.5	220 / 440-1 AC / HP	12,900			PH160X2-4LU
46.0	8.7	220 / 440-1 AC / HP	19,300			PH230X3-4LU

PH160X2-4LU

THERMALLY  
PROTECTED  
R22

PH1 HZ50 V220.240 LRA33  
LOW MPa TP 2.0 AP1.4 DP1.3  
HIGH MPa TP 4.4 AP2.9 DP2.8



50302558

TOSHIBA CORPORATION  
MADE IN JAPAN

**WARNING/DANGER**

FAILURE TO FOLLOW THESE INSTRUCTIONS  
COULD RESULT IN SERIOUS PERSONAL INJURY

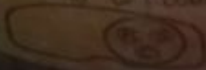
1. FOLLOW RECOGNIZED SAFETY PRACTICES AND  
WEAR PROTECTIVE GOGGLES

2. DO NOT OPERATE COMPRESSOR OR PROVIDE  
ANY ELECTRIC POWER TO THIS UNIT UNLESS  
THIS COVER IS IN PLACE AND SECURED

3. DO NOT REMOVE THIS COVER UNTIL ALL  
ELECTRICAL SOURCES HAVE BEEN  
DISCONNECTED

4. IF REFRIGERANT LEAK IS SUSPECTED AROUND  
TERMINALS, RELIEVE ALL PRESSURE FROM  
SYSTEM BEFORE TOUCHING OR DISTURBING  
ANYTHING INSIDE THIS TERMINAL BOX

5. WINDING OF 1 COMPRESSOR TERMINAL



AS  
1994  
DUBLIN  
STATION  
IRELAND

# TOSHIBA HERMETIC COMPRESSORS

## TOSHIBA COMPRESSORS 5,950 - 31,900 BTUH (ROTARY)



P29

- FOR HEAT PUMP AND AIR CONDITIONING DUTY
- LOW NOISE LEVEL
- LIGHTWEIGHT
- HIGH QUALITY - MANUFACTURED WITH THE LATEST HIGH-PRECISION MACHINE TOOLS

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY* BTUH	APPLICATION	VOLTS-PHASE	COMPRESSOR P/N	RLA	LRA
<b>60 HERTZ MODELS</b>							
ERH62XA3-1K	GF02CA011	5,950	AC/HP	115-1	P035-0601	5.2	35.0
ERH68XA3-1K	GF02CA010	6,750	AC/HP	115-1	P035-0701	5.9	35.0
PRH68XA4-3K	GF02CF001	6,850	AC/HP	208/230-1	P035-0721	2.9	18.0
PRH68XA4-6K	GF02CX001	6,850	AC/HP	265-1	P035-0791	3.3	12.0
ERH80XA4-1K	GF02DA013	8,000	AC/HP	115-1	P035-0801 •	7.0	43.0
EH80X1-1CU1	GF02DA014	8,150	AC	115-1	P035-0802 •	6.9	41.0
ERH88XA4-1K	GF02DA011	9,000	AC/HP	115-1	P035-0901	7.8	43.0
EH88X1-1CU1	GF02EA001	9,000	AC/HP	115-1	P035-0902 •	7.5	41.0
PRH88XA4-3K	GF02DF010	9,000	AC/HP	208/230-1	P035-0923	3.9	25.0
PRH88XA4-6K	GF02DX010	9,000	AC/HP	265-1	P035-0992	3.3	17.0
PH106X2-3KU	GF02FF012	10,800	AC/HP	208/230-1	P035-1021	7.8	30.0
EH106X2-1KU	GF02EA011	11,000	AC/HP	115-1	P035-1101 •	10.5	59.5
EH112X2-1KU	GF02FA012	11,400	AC/HP	115-1	P035-1102	10.8	63.0
PH120X2-6KU	GF02FX010	12,200	AC/HP	265-1	P035-1291	4.7	26.0
EH120X2-1KU	GF02FA001	12,500	AC/HP	115-1	P035-1201	11.6	63.0
PH120X2-3KU	GF02FF014	12,600	AC/HP	208/230-1	P035-1222	5.5	33.0
EH134X2-1KU	GF02GA001	13,500	AC	115-1	P035-1301	12.2	64.0
PH160X2-3LU1	GF02HF001	16,200	AC/HP	208/230-1	P035-1621	7.5	36.0
PH200X3-3LU	GF02KF011	19,800	AC	208/230-1	P035-1921	8.5	49.0
PH210X3-3LU	GF02LF001	21,000	AC	208/230-1	P035-2121	9.1	49.0
PH250X3-3LU	GF02MF002	25,000	AC/HP	208/230-1	P035-2522	10.7	63.0
PH310X3-3MU	GF02QF001	31,900	AC/HP	208/230-1	P035-3221	12.1	79.0
<b>50 HERTZ MODELS 9,300 - 19,300 BTUH</b>							
PH112X2-4KU	GF02EX010	9,300	AC/HP	220/440-1	P055-0932	4.1	22.5
PH142X2-4KU	GF02FX012	11,600	AC/HP	220/240-1	P055-1131	5.7	30.0
PH160X2-4LU	GF02GQ011	12,900	AC/HP	220/240-1	P055-1331	6.5	40.0
PH230X3-4LU	GF02KF002	19,300	AC/HP	220/240-1	P055-1931	8.7	46.0

\*CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:

Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

\*\*Refer to Base Unit for required Start Capacitor and Relay.

• Superseded - Limited to stock on hand 09/01.

#### 4. SPECIFICATIONS OF ELECTRICAL PARTS

Parts name	Type	Specifications
Compressor 1, 2	PH160X2-4L	Output 1.1 kW, 2 pole, 1ø, 220-240V, 50 Hz Winding resistance: Main coil 2.2Ω, Aux. coil 3.5Ω
Fan motor	STF-200-63B	Output 63W, 6 pole, 1ø, 220-240V, 50 Hz
Magnetic contactor	VC20FA	AC 240V
Capacitor	MT-40MP356W	For compressor 1, 2: PH160X2-4L, AC 400V, 35 μF
	EAG45M355UF1	For fan motor, AC 450V, 3.5 μF
Solenoid coil (2-way valve)	NEV AC240	AC 220-240V
Relay	LY2F	Coil 220-240V, 50/60 Hz
	LY3F	Coil 220-240V, 50/60 Hz
Thermal timer	230-B-180-4BFP	AC 220-240V, 3-min. (Delay)

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_ph160x2-4lu-1Télécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_ph160x2-4luTélécharger](#)