

Old feeder to DHW
repurposed to feed
garage 10/3 WG
120/240 Volts 4 wire

Existing riser mast, meter socket, weather head, insulator,
flashing. Add guy anchor per utility req's. NEW 150 amp CONDUCTORS BY UTILITY.

GE 150 amp main breaker panel with Feed-Thru Lugs

HD Internet #202046235
Model # TM815RCUFLP
\$115 online

Other options exist from other vendors.

2 Pole 50 amp breaker
2 Pole 30 amp breaker

Grounding and ground
rods per utility reqs.

150 amp feeder (connect to feed-thru lugs) 2-2-2 Aluminum SER cable (~ 2.38 per ft)

6-6-6 AL SER cable Range 50 amp 120/240 Volts (New 4 wire cord and receptacle needed)

10-2 WG Romex DHW 30 amp 240 Volts

(SER cable also includes ground wire)

30-Amp Non-Metallic Power Inlet Box
HD Internet #205337808 Model # PBN30 \$46 online

10-3 WG Romex



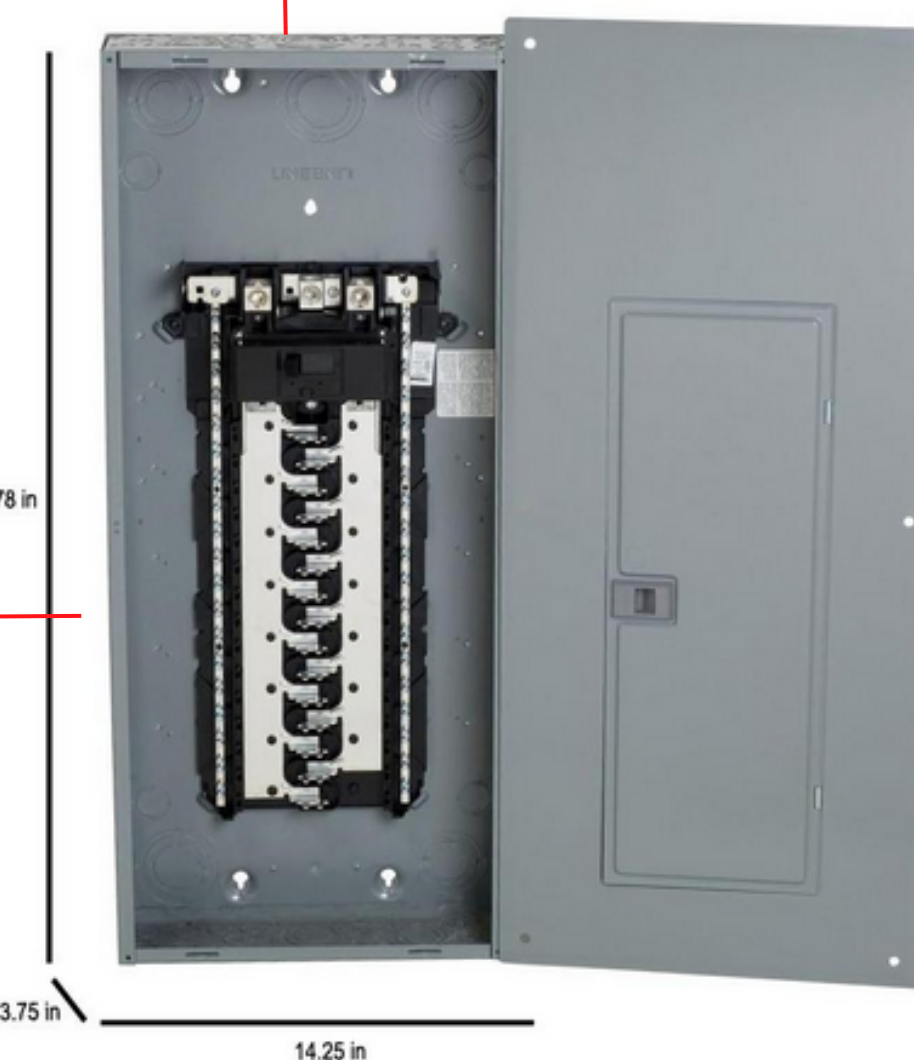
60 Amp 240-Volt Non-Fuse
Metallic AC Disconnect
HD Internet #100674085
Model # TFN60RCP
\$ 9 online
Mount outside near back door

Remove old panel and
service entirely



Homeline 70 Amp 2-Space
4-Circuit Indoor Surface Mount
Main Lug Load Center
Mount inside near back door
HD Internet #100202333
Model # HOM24L70SCP
Store SKU #565539 \$14

2 Circuits for garage



Square D Homeline 150 Amp
30-Space 60-Circuit Indoor Main Breaker
Plug-On Neutral Load Center with Cover

HD Internet #204860224
Model # HOM3060M150PC
Store SKU #1000040164 \$123

With: Homeline 150-225 Amp Load
Center Indoor Generator Interlock Kit *

HD Internet #202767243
Model # HOMCGK2C
Store SKU #284230 \$53

Breakers as needed.