



## Code Numbers *BD35/50/80F - BD35K - BD100CN - BD150F - BD250GH*

Compressors	Code number	Description
BD35F mm standard	101Z0200	standard compressor, mm tube connectors
BD35F inch	101Z0204	same as 101Z0200, inch tube connectors
BD35K (R600a)	101Z0211	for stationary use only, mainly solar applications, mm tube connectors
BD50F mm	101Z1220	standard compressor, mm tube connectors
BD50F inch	101Z0203	same as 101Z1220, inch tube connectors
BD80F mm	101Z0280	standard compressor, mm tube connectors
BD150F	102G4784	standard compressor, mm tube connectors, TL - based
BD250GH	101Z0400	mm tube connectors, HBP compressor
BD250GH Twin	101Z0500	mm tube connectors, HBP compressor
BD100CN (R290)	101Z0401	mm tube connectors, LBP compressor

Electronic Single Pack	Code number	Description
Electronic standard	101N0210	for BD35F/BD50F, speed setting, battery protection
Electronic EMI	101N0220	for BD35F/BD50F, radiation extra shielded, speed setting, battery protection
Electronic extended EMI	101N0900	for BD35F/BD50F, radiation extra shielded, conduction extra filtered, speed setting, battery protection
Electronic AEO	101N0300	for BD35F/BD50F, Adaptive Energy Optimization, speed setting, battery protection
Electronic AEO with EMI	101N0320	for BD35F/BD50F, Adaptive Energy Optimization, radiation extra shielded, speed setting, battery protection
Electronic solar	101N0400	for BD35F/BD35K, optimized for direct solar panel operation, speed setting
Electronic w. AC/DC converter	101N0500	for BD35F/BD50F, speed setting, battery protection, integrated AC/DC converter
Electronic BD50F high start	101N0230	for BD50F only, extra high start performance, speed setting, battery protection
Electronic high speed	101N0290	for BD80F/BD250GH/etc., Adaptive Energy Optimization, speed setting, battery protection
Electronic automotive	101N0600	for BD35F, CISPR 25 class 5 approved, speed setting, battery protection, lamp output
Electronic automotive (connector)	101N0630	for BD35F, CISPR 25 class 5 approved, speed setting, battery protection, lamp output
Speed module for BD150F	105N9000	fixed compressor speed at 4000 rpm
Remote kit with cable	105N9100	bracket, cover, 750 mm cable with two plugs
Remote kit without cable	105N9210	bracket, cover, two plugs
AC line cord (UL approved)	105N9520	for electronic unit with AC/DC converter
AC line cord (VDE approved)	105N9530	for electronic unit with AC/DC converter

Electronic I - Pack	Code number	Description
Electronic standard	101N0211	for BD35F/BD50F, speed setting, battery protection, 30 pcs.
Electronic EMI	101N0221	for BD35F/BD50F, radiation extra shielded, speed setting, battery protection, 30 pcs.
Electronic AEO	101N0301	for BD35F/BD50F, Adaptive Energy Optimization, speed setting, battery protection, 30 pcs.
Electronic AEO with EMI	101N0321	for BD35F/BD50F, Adaptive Energy Optimization, radiation extra shielded, speed setting, bat. prot., 30 pcs.
Electronic solar	101N0401	for BD35F/BD35K, optimized for direct solar panel operation, speed setting, 30 pcs.
Electronic w. AC/DC converter	101N0501	for BD35F/BD50F, speed setting, battery protection, integrated AC/DC converter, 36 pcs.
Electronic BD50F high start	101N0231	for BD50F only, extra high start performance, speed setting, battery protection, 30 pcs.
Electronic high speed	101N0291	for BD80F/BD250GH/etc., Adaptive Energy Optimization, speed setting, battery protection, 28 pcs.
Electronic automotive	101N0601	for BD35F, CISPR 25 class 5 approved, speed setting, battery protection, lamp output, 30 pcs.
Electronic automotive (connector)	101N0631	for BD35F, CISPR 25 class 5 approved, speed setting, battery protection, lamp output, 30 pcs.
Electronic BD150F	105N4220	for BD150F, Adaptive Energy Optimization, speed setting, 20 pcs.
Remote kit without cable	105N9200	bracket, cover and two plugs, 200 pcs.
AC line cord (UL approved)	105N9521	for electronic unit with AC/DC converter, 80 pcs.
AC line cord (VDE approved)	105N9531	for electronic unit with AC/DC converter, 80 pcs.



**BD100CN**  
R290, -40°C, -10°C evap. temp.  
Stationary freezer application (not approved for vehicles), solar-powered systems, ice cream boxes up to 200 l, pharmaceutical applications, 30-210 W cooling capacity.



**BD250GH Single or Twin Configuration**  
R134a, -25°C, +15°C evap. temp.  
Designed for cabin cooling in trucks during nighttime, very silent operation, 80-420 W single cooling capacity.



**BD35K**  
R600a, -30°C, +10°C evap. temp.  
Stationary application, solar-powered vaccine coolers etc., 100-200 l coolers, 15-120 W cooling capacity.



**BD35F Multivoltage**  
R134a, -30°C, +10°C evap. temp.  
All mobile applications for portable boxes, boats, trucks etc., can be powered with AC and DC, 85-265 V AC 50/60 Hz, 12-24 V DC, automatic selection of AC when available, 15-120 W cooling capacity



**BD35F with EMI Electronic**  
R134a, -30°C, +10°C evap. temp.  
Designed for boats and trucks if risk of electric interference with radio or other electrical equipment, 15-150 W cooling capacity.



**BD35F/50F/80F Basic**  
R134a, -30°C, +10°C evap. temp.  
All mobile applications for portable boxes, boats, trucks etc., 15-140/20-190/35-220 W cooling capacity.



**BD150F**  
R134a, -35°C, -10°C evap. temp.  
The BD150F compressor is intended especially for the use in mobile applications, e.g. in vans and small trucks, 50-340 W cooling capacity.



**BD350GH Single or Twin Configuration**  
R134a, -25°C, +15°C evap. temp.  
Tailored for spotcooling systems in sleeping compartments in trucks, caravans, golf buggies etc., 85-780 W single cooling capacity

## BD compressors bring comfort at work and leisure

Modern comfort is brought into life when leaving home. As people go mobile, so does food. The excellent performance of the BD series safeguards food preservation. With our outstanding DC compressors for cars, vans, boats, trucks, etc., Danfoss has transcended the barriers for mobile refrigeration.

The direct current compressors BD35F/50F/80F for 12/24 V DC power supply can be used in mobile refrigerators and freezers with refrigerant R134a.

The BD250GH compressors for 12/24 V DC and the BD350GH compressors in 12 or 24 V DC versions are R134a HBP compressors used for mobile spot cooling systems. BD35K and BD100CN compressors can be used with HFC-free refrigerants in stationary applications.

All compressors are equipped with an electronic unit with built-in thermal protection which also protects against destructive battery discharge.

