



**Countries:** RUSSIA, AUSTRALIA, BAHAMAS, BOLIVIA, BRAZIL, BELIZE, CANADA, CHILE, COLOMBIA, COSTA RICA, DOMINICAN REPUBLIC, ECUADOR, EL SALVADOR, TRINIDAD AND TOBAGO, UNITED STATES, URUGUAY, VENEZUELA, MEXICO, ARUBA, NICARAGUA, PERU, PUERTO RICO, Curaçao, GUATEMALA, GUYANA, HAITI, HONDURAS, JAMAICA, NEW ZEALAND, PANAMA, SOUTH AFRICA

**Document ID:** IK1900022

**Availability:** ISIS, FleetSIS, Body Builder, IsSIR

**Major System:** ACCESSORIES

**Current Language:** English

**Other Languages:** [Français](#), [Español](#)

**Viewed:** 86822

**Revision:** 21

**Created:** 3/2/2007

**Last Modified:** 6/18/2020

**Author:** William Knoth

[Less Info](#)

Hide Details

Coding Information

<b>Copy Link</b> 	<b>Copy Relative Link</b> 	<b>Bookmark</b>  <a href="#">View My Bookmarks</a>	<b>Add to Favorites</b> 	<b>Print</b> 	<b>Provide Feedback</b> 	<b>Helpful</b>  2152	<b>Not Helpful</b>  1304
----------------------	-------------------------------	----------------------------------------------------------	-----------------------------	------------------	-----------------------------	----------------------------	--------------------------------

**Title:** A/C Refrigerant and Oil Capacities

**Applies To:** All current models

## CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

06/18/2020 - Updated HX charge level

11/04/2019 - Author updated

09/06/2018 - Updated Oz Chart and spelling

08/02/2018 - Updated for HX charge amounts

## DESCRIPTION

This document lists out the correct system/component refrigerant and oil capacity, based on Engine and Model of the Vehicles below.

## CHARGE QUANTITIES

HVAC System based on Engine	Models	Charge Amount		
		Ounces	Pounds	Kilograms
ProStar and LoneStar Navistar EPA 2010	ProStar / LoneStar (Day Cab)	40 oz	2.5 lbs	1.13 kg
ProStar and LoneStar Navistar EPA 2010	ProStar / LoneStar (Sleeper Cab)	48 oz	3.0 lbs	1.36 kg
TranStar Navistar EPA 2010	TranStar	44 oz	2.75 lbs	1.25 kg
WorkStar Big Bore Navistar EPA 2010	WorkStar	38 oz	2.375 lbs	1.08 kg
WorkStar Medium Duty I6 Navistar EPA 2010	WorkStar	36 oz	2.25 lbs	1.02 kg
DuraStar EPA 2010 (All Engines)	DuraStar	38 oz	2.375 lbs	1.08 kg
TerraStar Navistar EPA 2010	TerraStar	40 oz	2.5 lbs	1.13 kg

ProStar and LoneStar Navistar EPA 2007	ProStar / LoneStar (Day Cab)	40 oz	2.5 lbs	1.13 kg
ProStar and LoneStar Navistar EPA 2007	ProStar / LoneStar (Sleeper Cab)	48 oz	3.0 lbs	1.36 kg
HPV with TXV Navistar EPA 2007	TranStar / WorkStar / DuraStar / CXT / RXT	36 oz	2.25 lbs	1.02 kg
HPV with Orifice Tube Navistar EPA 1998-2004	3200 / 4100 / 4200 / 4300 / 4400 / 7300 / 7400 / 7500 / 7600 / 7700 / 8500 / 8600	30 oz	1.875 lbs	0.85 kg
CF / CityStar Navistar EPA 2004-2007	CF 500 / CF 600 / CityStar	44 oz	2.75 lbs	1.25 kg
1999 and Later HVAC (Underseat Bergstrom Module)	5000i (PayStars) 9100i,9200i,9400i,9900i,CATSevere Service Vehicles (With Titan X Condenser)	62 oz	3.875 lbs	1.76 kg
1999 and Later HVAC (Underseat Bergstrom Module)	5000i (PayStars) 9100i,9200i,9400i,9900i,CATSevere Service Vehicles(With Modine Condenser (Older Vehicles, Export)	54 oz	3.375 lbs	1.08 kg
CAT CT660 (All Engines)	CT660	60 oz	3.75 lbs	1.70 kg
ProStar Cummins ISX 15 L (2007 to current)	Day Cabs	36 oz	2.25 lbs	1.02 kg
ProStar Cummins ISX 15 L (2007 to current)	Sleeper Cabs	48 oz	3.0 lbs	1.13 kg
LT/RH ISX/X15/A26	Day Cab	30.4 oz	1.9 lbs	0.86 kg
LT/RH ISX/X15/A26	Sleeper Cab	44.8 oz	2.8 lbs	1.27 kg
HX (W/Frame-mounted Dryer)	W/feature code (0012XBC) as used on HX620/HX615/HX520 W/feature code (0012XBN) as used on HX515	62 oz	3.88 lbs	1.76 kg
HX (W/IRD Condenser)	N/feature code(0012XBC) as used on X620/HX615/HX520 N/feature code(0012XBN) as used on HX515/HX520	40 oz	2.5 lbs	1.13 kg
HV/MV	Horizon HVAC Module	30.4 oz	1.9 lbs	0.86 kg

**OIL CAPACITY**

Component	Capacity (cc)	Capacity (oz)
Compressor	200**	6.76**
Evaporator	60	2.0
Condenser	30	1.0
Filter/Drier	15	0.5

Expansion Valve	0	0.0
Hoses (normal length)	10	0.3
Low Pressure Switch	0	0.0
Complete System	300	10.14

Only PAG 100 Oil should be used (PN ZGGR725028)

\*\*Equal to the amount of Oil drained from the Original compressor

 Hide Details

Feedback Information

Viewed: 86821  
 Helpful: 2152  
 Not Helpful: 1304

No Feedback Found