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Availability: ISIS, FleetSIS, Body Builder, IsSIR

Major System: ACCESSORIES

Current Language: English

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

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Coding Information

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Title: A/C Refrigerant and Oil Capacities

Applies To: All current models

09/06/2018-Updated Oz Chart and spelling
 08/02/2018 - Updated for HX charge amounts
 05/15/2018 - Author Updated for Feedback Purposes.
 07/18/2017- Format adjustment

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
		30 oz	1.875 lbs	0.85 kg

HPV with Orifice Tube Navistar EPA 1998-2004	3200 / 4100 / 4200 / 4300 / 4400 / 7300 / 7400 / 7500 / 7600 / 7700 / 8500 / 8600			
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	45 oz	2.8 lbs	1.27 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		

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Feedback Information

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