

DREW MARINE
REFRIGERANTS, TEST AND CHARGING EQUIPMENT

**AMERFROST A-22
REFRIGERANT
CHLORODIFLUOROMETHANE**

AMERFROST A-22 Refrigerant is the leading HCFC refrigerant for all types of shipboard refrigeration and A/C systems. With a boiling point of -40.8°C @ 1 ATM, it is particularly useful for applications that employ reciprocating compressors.

The outstanding properties of AMERFROST A-22 refrigerant permit using smaller equipment than is possible with other refrigerants. The result is space savings onboard the vessel.

Refrigerant Charge (Refills in kg)
PCN: 0651019

**AMERFROST A-134A
REFRIGERANT
ETHANE, 1,1,1, 2-TETRAFLUORO**

AMERFROST A-134a refrigerant is the ozone-friendly, chlorine-free hydrofluorocarbon (HFC) that has become the new industry standard for use with medium-temperature appliances. Ideal for retrofitting CFC-12 systems, it can be used in most marine systems utilizing water-cooled condensers and reciprocating, screw, or centrifugal compressors. It is suitable for A/C and refrigeration systems with evaporator/diffuser temperatures above -23°C (-10°F).

Refrigerant Charge (Refills in kg)
PCN: 0830019

**AMERFROST A-404A
REFRIGERANT
HYDROFLUOROCARBON BLEND**

The leading medium and low temperature HFC refrigerant is used for both retrofitted and new refrigeration and A/C systems. It can be used in most marine water-cooled condensers and reciprocating compressors. This non-ozone-depleting refrigerant is a good replacement for A-22.

AMERFROST A-404A has a boiling point of -46.1°C (-51°F) @ 1 ATM*. Although a blend, this refrigerant has a relatively small temperature glide.

Refrigerant Charge (Refills in kg)
PCN: 0829012

*Bubble point temperature

REFRIGERANT TECHNICAL INFORMATION

	A-22	A-134a	A-404A	A-507	A-407C	A-410A
CHEMICAL FORMULA CYLINDER	CHClF ₂	CF ₃ CH ₂ F	Blend	Blend	Blend	Azeotropic Mixture
Capacity (Water) (Liters)	56.0	56.0	56.0	56.0	56.0	56.0
Typical Weight KG (LB)						
Gross weight with valve, without cap	84.5 (186)	84.5 (186)	72.5 (160)	72.5 (160)	79.5 (175)	72.5 (160)
Net Weight	57.0 (125)	57.0 (125)	45.0 (100)	45.0 (100)	52.0 (115)	45.0 (100)
*Empty weight with valve, without cap	27.5 (61)	27.5 (61)	27.5 (61)	27.5 (61)	27.5 (61)	27.5 (61)
Dimensions (MM)						
Diameter	256	256	256	256	256	256
Height with cap/ valve	1370	1370	1370	1370	1370	1370
Color	Light Green	Sky Blue	Bright Orange	Teal	Burnt Orange	Rose
Cylinder Approval - DOT	4BA/BW300	4BA/BW300	4BA/BW300	4BA/BW300	4BA/BW300	4BA/BW300
VALVE						
Outlet Connection	CGA 660	CGA 660	CGA 660	CGA 660	CGA 660	CGA 660
Type	1.030"x14 NGO	1.030"x14 NGO	1.030"x14 NGO	1.030"x14 NGO	1.030"x14 NGO	1.030"x14 NGO
	Liquid/Vapor	Liquid/Vapor	Liquid/Vapor	Liquid/Vapor	Liquid/Vapor	Liquid/Vapor
REFRIGERANT						
Nominal Purity	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%
Stability	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Toxicity	Very Low	Very Low	Very Low	Very Low	Very Low	Very Low
<i>*Empty weight of cylinder from manufacturer ranges from 26.4 kg (58 lb) to 28.6 kg (63 lb).</i>						