Refrigerant GUIDE

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TRADITIONAL

R12
OIL: Mineral, Alkylbenzene
APPLICATION: Auto Air, Med Temp Refrig, High Temp Refrig
CFC

R500 (R12/152a (74/26%))
OIL: Mineral, Alkylbenzene
APPLICATION: Med Temp Refrig
CFC

R22
OIL: Mineral, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig, Air Conditioning
HCFC

R502 (R22/115 (50/50%))
OIL: Mineral, Alkylbenzene
APPLICATION: Low Temp Refrig, Med Temp Refrig
CFC

R13
OIL: Mineral, Alkylbenzene
APPLICATION: Ultra Low Temp Refrig
CFC

R503 (R23/13 (40/60%))
OIL: Mineral, Alkylbenzene
APPLICATION: Ultra Low Temp Refrig
CFC

INTERIM REPLACEMENT

R401A (MP 39) (R22/152a/124 (53/13/34%))
OIL: Alkylbenzene, Polyol Ester
APPLICATION: Med Temp Refrig
HCFC

R401B (MP 66) (R22/152a/124 (61/11/28%))
OIL: Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig
HCFC

R409A (FX 56) (R22/124/142b (60/25/15%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HCFC

R413A (ISCEON 49) (R218/134a/600a (9/88/3%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HCFC

R406A (GHG 12) (R22/142b/600a (55/41/4%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HCFC

R417A (ISCEON 59) (R125/134a/600a (46/50/4%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig, Air Conditioning
HFC

R402A (HP80) (R125/290/22 (60/2/38%))
OIL: Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HCFC

R402B (HP81) (R125/290/22 (38/2/60%))
OIL: Alkylbenzene, Polyol Ester
APPLICATION: Ice Machine
HCFC

R403B (ISCEON 69L) (R290/22/218 (5/56/39%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HCFC

R408A (FX10) (R125/143a/22 (7/46/47%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HCFC

LONG TERM REPLACEMENT

SP34E
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Auto Air, Med Temp Refrig, Air Conditioning
HFC

R134a
OIL: Polyol Ester, Polyalkylene Glycol
APPLICATION: Auto Air, Med Temp Refrig, Air Conditioning
HFC

R413A (ISCEON 49) (R218/134a/600a (9/88/3%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HFC

R407C (Suva 9000) (32/125/134a (23/25/52%))
OIL: Polyol Ester
APPLICATION: Air Conditioning
HFC

R410A (AZ20) (R32/125 (50/50%))
OIL: Polyol Ester
APPLICATION: Air Conditioning
HFC

R417A (ISCEON 59) (R125/134a/600a (46/50/4%))
OIL: Mineral*, Alkylbenzene, Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig, Air Conditioning
HFC

R404A (FX70/HP62) (R125/143a/134a (44/52/4%))
OIL: Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HFC

R507 (AZ50) (R125/143a (50/50%))
OIL: Polyol Ester
APPLICATION: Low Temp Refrig, Med Temp Refrig
HFC

R23
OIL: Polyol Ester
APPLICATION: Ultra Low Temp Refrig
HFC

R508A (R23/116 (39/61%))
OIL: Polyol Ester
APPLICATION: Ultra Low Temp Refrig
HFC

* 50/50 Mix of Mineral/Alkylbenzene preferred.

** Material for hoses & connections: check compatibility

Please Note: Not all products are available in all outlets

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