

AHRI Comments to Washington State Regarding its HFC Rulemaking
 Exhibit 1 – Examples of Product Labels Disclosing Refrigerants

CHILLERS

a. Dedicated Refrigerant Label on a Centrifugal chiller:



b. Nameplate Refrigerant information on Screw/Scroll Chillers:

		MADE IN PUEBLO, CO 81001 U.S.A.	TYPE OF USE 65	CRC 64	SERIAL NUMBER 63	GWP 62
MODEL NUMBER 61						
RATED VOLTAGE/HZ/PH 60		VOLT UTILIZATION RANGE 59		SHORT CIRCUIT CURRENT RATING 45 A RMS SYMMETRICAL AT 44 VOLTS MAX		
MIN CKT AMPACITY (A) 57		MAX FUSE/BREAKER (A) 58		COMPR MTR 1A 46 47 48		
C1		COMPR MTR 1B 51 50 49		COMPR MTR 2A 41 42 43		
C2		COMPR MTR 1C 52 53 54		COMPR MTR 2B 40 39 38		
COMPR MTR 2C 35 36 37		FIXED SPEED FAN MOTORS QTY HP EA FLA EA 6 7 8		2 SPEED FAN MOTORS QTY HP EA FLA EA 9 10 11		
VEFD CONTROLLED FAN MOTORS 5 4 3		VEFD INPUT (A) 2		MTR VOLT 1		
VEFD CONTROLLED FAN MOTORS		*PUMP MOTORS 15 14 13		VEFD INPUT (A) 12		
RATED VOLTAGE/HZ/PH 34		VOLT UTILIZATION RANGE 33		REFRIGERANT TYPE 16		
C3 FREEZE PROTECTION HEATERS WATTS 31		C4 BUFFER TANK HEATER CONV OUTLET WATTS 32		OIL TYPE 17		
C1		FACTORY REFRIGERANT CHG 21 KG		FACTORY OIL CHG 20 LITRE		
C2		FACTORY REFRIGERANT CHG 22 KG		FACTORY OIL CHG 23 LITRE		
C1		FIELD REFRIGERANT CHG 19 KG		FIELD OIL CHG 18 LITRE		
C2		FIELD REFRIGERANT CHG 24 KG		FIELD OIL CHG 25 LITRE		
INSTALLATION, OPERATION, & MAINTENANCE MANUAL 30		WIRING BOOK 29		DESIGN PRESSURES - BAR HIGH SIDE 28 LOW SIDE 27		
MIN MARKED DESIGN BAR FOR ANY REMOTE COND 26		<small>MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS/ CORRESPONDING FOREIGN PATENTS OWNED BY TRANE</small>				
<small>5,231,846 5,419,146 5,419,155 5,454,738 5,502,284 5,583,489 5,570,383 5,600,390 5,632,154 5,638,891 5,781,914 5,820,794 5,884,684 5,920,445 6,030,851 6,049,299 6,050,028 6,087,824 6,085,333 6,131,471 6,181,260 6,187,713 6,260,984 6,278,152 6,293,112 6,381,492 6,341,493 6,357,239 6,382,310 6,516,627 6,563,287 6,600,122 6,666,042 6,830,092 6,866,695 6,917,807 7,000,108 7,086,346 7,158,121 7,202,858 7,385,583</small>						

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COMMERCIAL REFRIGERATION

c. Commercial refrigeration Specialty Display Case nameplate:

Intertek 40427
 CONFORMS TO UL STD 471
 CONFORMS TO NSF STD 7 Type 1
 CERTIFIED TO CAN/CSA STD

HUSSMANN
 CHINO, CA 917109 LICENSE# 64440
 MODEL: RGD-8-SC
 SERIAL #: 1030404201615874
 PROD. #: 9 0 1 2 6 7

REFRIGERANT CHARGE
 R-404A 5.4 LBS.

DESIGN PRESSURE
 LOW SIDE: 189 PSIG
 HIGH SIDE: 346 PSIG

d. Commercial refrigeration Scroll Product label (for specific refrigerant)

EMERSON
 Climate Technologies

Copeland Scroll

R-410A USE ONLY

WARNING
 Service should be performed by trained personnel only. Failure to follow these safety warnings could result in personal injury or death.

CAUTION
 Use only approved refrigerants. Do not use any other refrigerant.

e. Commercial refrigeration Scroll product label (No refrigerant called out as several can be used)

EMERSON
 Climate Technologies

Copeland Scroll
 Digital

MODEL: ZBD38KCE-TF5-265
SERIAL: 19J0128CD

WARNING
 Service should be performed by trained personnel only. Failure to follow these safety warnings could result in personal injury or death.

CAUTION
 Use only approved refrigerants. Do not use any other refrigerant.