

EQUIPMENT: **FM-200® (UL/FM)**

PUBLICATION: 14A-07H

ISSUE No. 02

DATE: 2010-03

## SECTION 2 - SYSTEM COMPONENTS

### Container Label






The container label details the weight of FM-200® contained, empty weight, fill density and charge date. Once the label is applied to the container surface, and to avoid possible tampering it can not be removed intact.

### Technical Information

Material:	Aluminum
Adhesive:	Pre-applied 3M adhesive 9485
Certification:	UL Recognised
Overall Size:	241.3 mm x 165.1 mm (9.5" x 6.5") (Part No. 314.205.021) (Part No. 314.205.045)*
	558 mm x 50.8 mm (22" x 2") (Part No. 314.205.022) (Part No. 314.205.046)*
Weight:	0.0416 kg (0.092 lbs) (Part No. 314.205.021) (Part No. 314.205.045)*
	0.0300 kg (0.066 lbs) (Part No. 314.205.022) (Part No. 314.205.046)*

\* For UL Listed Systems Only (Not FM Approved)

Figure 2 - Container Label (Part No. 314.205.021 Shown)

<b>INSPECTION OF EXTINGUISHING SYSTEM</b> <b>MONTHLY INSPECTION</b> - EXAMINE PIPING AND NOZZLES TO MAKE CERTAIN THEY ARE UNOBSTRUCTED - CHECK CONTAINER PRESSURE IF LOSS EXCEEDS 10% (WHEN ADJUSTED FOR TEMPERATURE), REFILL OR REPLACE CONTAINER. <b>6-MONTHLY INSPECTION</b> - CHECK AGENT QUANTITY AND PRESSURE. REFILL OR REPLACE IF A LOSS IN AGENT QUANTITY OF MORE THAN 5% OR A LOSS IN PRESSURE (ADJUSTED FOR TEMPERATURE) OF MORE THAN 10% IS DETERMINED. REFER TO ENGINEERED SYSTEM INSTALLATION MANUAL, PART NO. 14A-07H, (AVAILABLE FROM MACRON), AND NFPA 2001, FOR ADDITIONAL INSPECTION AND MAINTENANCE INSTRUCTIONS. THIS SYSTEM IS MADE UP OF UNITS TESTED WITHIN LIMITATIONS CONTAINED IN THE DETAILED INSTRUCTION MANUAL. THIS SYSTEM SHOULD BE PERIODICALLY INSPECTED BY TRAINED PERSONNEL. THE SYSTEM DESIGNER MUST BE CONSULTED WHENEVER CHANGES ARE PLANNED FOR THE SYSTEM OR AREA OF PROTECTION. <b>CAUTION</b> UNCONTROLLED VALVE OPERATION COULD RESULT IN SEVERE INJURY OR DEATH TO OPERATORS OR BYSTANDERS. ENSURE SAFETY OUTLET CAP IS IN PLACE IF CONTAINER IS DISCONNECTED FROM PIPE WORK. CONTAINERS SHOULD NOT BE POSITIONED IN DIRECT SUNLIGHT.				<b>WARNING</b> THE DISCHARGE OF CLEAN AGENT SYSTEMS TO EXTINGUISH A FIRE CAN RESULT IN A POTENTIAL HAZARD TO PERSONNEL FROM THE NATURAL FORM OF THE CLEAN AGENT OR FROM THE PRODUCTS OF COMBUSTION THAT RESULT FROM EXPOSURE OF THE AGENT TO THE FIRE OR HOT SURFACES. UNNECESSARY EXPOSURE OF PERSONNEL EITHER TO THE NATURAL AGENT OR TO THE PRODUCTS OF DECOMPOSITION SHALL BE AVOIDED. <b>CONTACT MACRON IMMEDIATELY AFTER A DISCHARGE OR FIRE SITUATION.</b>	
 <b>CLEAN AGENT FIRE EXTINGUISHING SYSTEM UNIT</b>		 <b>RECYCLING PROTECTS THE ENVIRONMENT</b> DO NOT DISPOSE. DISCHARGE ONLY IN CASE OF FIRE. IF CONTAINER CONTENTS MUST BE REMOVED FOR SERVICE, MAINTENANCE OR DISMANTLING OF THE CLEAN AGENT SYSTEM - PRIOR TO REMOVAL, CONTACT YOUR LOCAL INSTALLER OR MANUFACTURER FOR INSTRUCTIONS ON HANDLING EQUIPMENT AND ON RECLAIMING OR RECYCLING CLEAN AGENT. <b>DO NOT COVER, REMOVE OR DEFACE THIS LABEL.</b>			
 APPROVED		<small>FM-200® HMIS 2-0-0/HEPTAFLUOROPROPANE / SEE WARNINGS ON PRODUCT LABEL / CONTENTS UNDER PRESSURE. NITROGEN EXPELLANT GAS HMIS 0-0-0 / VERY COLD DISCHARGE. CONTENTS UNDER HIGH PRESSURE. CONSULT DUPONT DE NEMOURS (NEDERLAND) B.V., BAHNHOFKIEG 22, NL-3313 LA DORDRECHT, THE NETHERLANDS. +31-78-630-1011 FOR MATERIAL SAFETY DATA SHEET.</small>			
<b>THIS CONTAINER IS FILLED WITH FM-200® (HEPTAFLUOROPROPANE) AND IS SUPERPRESSURIZED TO 25 BAR (360 PSI) AT 21°C (70°F) WITH DRY NITROGEN</b>				<b>THE DATE OF MANUFACTURE IS ON THE CONTAINER</b>  SUITABLE FOR USE IN AMBIENT TEMPERATURES OF 0°C TO 54°C (32°F TO +130°F)  16, 32 AND 52 LITRE CONTAINERS <b>MUST BE TRANSPORTED AND STORED IN THE VERTICAL POSITION</b>  <b>FACTORY TESTED TWICE DOT SERVICE PRESSURE STAMPED ON THE CONTAINER</b>	
<b>PART NO.:</b>					
<b>AGENT WEIGHT:</b>	KG	(lb)			
<b>TARE WEIGHT:</b>	KG	(lb)			
<b>GROSS WEIGHT:</b>	KG	(lb)			
<b>FILL DENSITY:</b>	KG/L	(lb/ft³)			
<b>CHARGE DATE:</b>					
<b>FILL LOCATION:</b>					
		<b>Macron Safety Systems (UK) Ltd., Burlingham House, Gapton Hall Industrial Estate, Great Yarmouth, Norfolk, NR31 0NN Tel no. +44 (0)1493 417600 Fax no. +44 (0)1493 417700</b>			