

NFPA 1901 RATING CHART RME SERIES PUMP

**RATED FROM 1500 GPM @ 150 PSI TO 3000 GPM @ 150 PSI
SINGLE STAGE PUMP - 12" OR 13" IMPELLER**

MAXIMUM ELEVATION AT WHICH THE PUMP WILL DO THE RATING WITH STANDARD TEST CONDITIONS OF 10 FT LIFT (RME150), 8 FT. LIFT (RME175), 6 FT LIFT (RME200 THRU RME300), AND 20 FT. OF SUCTION HOSE & STRAINER. STANDARD TEST CONDITIONS AND MAXIMUM ELEVATION DOES NOT INCLUDE TRUCK PIPING LOSSES.

RME150	6 IN. HOSE,	7000 FEET
RME175	6 IN. HOSE,	3200 FEET
RME200	(2) 6 IN. HOSE,	10000 FEET
RME225	(2) 6 IN. HOSE,	8000 FEET
RME250	(2) 6 IN. HOSE,	5800 FEET
RME275	(3) 6 IN. HOSE,	5500 FEET
RME300	(3) 6 IN. HOSE,	4000 FEET

* ENGINE SPEED MUST NOT EXCEED MFR'S MAXIMUM NO-LOAD GOVERNED SPEED.
 *** GAUGE PRESSURE DOES NOT INCLUDE LIFT OR SUCTION LOSSES.
 THIS CHART IS TO BE USED TO SELECT THE PROPER PUMP GEARBOX RATIO.
 THE INPUT SPEED AND HORSEPOWER REQUIREMENTS SHOWN ARE NOMINAL ± 5% FIGURES.
 WHEN USING THIS CHART, IT IS IMPORTANT TO OBTAIN THE NET HORSEPOWER OUTPUT OF THE ENGINE. THE ENGINE MANUFACTURER'S PUBLISHED CURVE MAY NOT REPRESENT A TRUE NET HORSEPOWER WHEN TOTALING ALL THE POWER DEDUCTIONS THAT MAY BE ENCOUNTERED FOR THE NFPA 1901 TEST. THE DEDUCTIONS COULD BE ENGINE AND VEHICLE ACCESSORIES, ELEVATION, TEMPERATURE, BARMETER, ETC.
 CHECK WITH THE ENGINE MANUFACTURER FOR THEIR RECOMMENDATION AND APPROVAL OF A NET HORSEPOWER CURVE.
 THE PUMPING TORQUE REQUIREMENTS MIGHT EXCEED THE TRUCK'S TRANSMISSION CASE, POWER TAKE-OFF AND DRIVE-LINE COMPONENTS LIMITS. CONTACT THE RESPECTIVE EQUIPMENT MANUFACTURER FOR THEIR APPROVAL OF THE PUMPING APPLICATION.

E-1138A

RATED CAPACITY (US GPM)	CAPACITY (US GPM)	PRESSURE (PSIG) ***	HORSEPOWER REQUIRED	PUMP INPUT DRIVE SHAFT (RPM)*				RATED CAPACITY (US GPM)	CAPACITY (US GPM)	PRESSURE (PSIG) ***	HORSEPOWER REQUIRED	PUMP INPUT DRIVE SHAFT (RPM)*			
				IMP. DIA	TORQUE (LBS-FT)	IMP. DIA	TORQUE (LBS-FT)					IMP. DIA	TORQUE (LBS-FT)	IMP. DIA	TORQUE (LBS-FT)
				12"		13"						12"		13"	
1500	PUMP MODEL			RME2-150		RME3-150		2750	PUMP MODEL			RME2-275		RME3-275	
	1500	150	186	2910	336	2690	363		2750	150	328	3190	540	2940	586
	1500	165	208	2990	365	2760	396		2750	165	356	3300	567	3050	613
	1050	200	223	3200	366	2960	397		1925	200	321	3340	505	3080	547
	750	250	271	3550	401	3280	434		1375	250	354	3630	512	3350	555
1750	PUMP MODEL			RME2-175		RME3-175		3000	PUMP MODEL			RME2-300		RME3-300	
	1750	150	232	2970	410	2740	445		3000	150	365	3280	584	3030	632
	1750	165	259	3070	443	2830	481		3000	165	398	3380	618	3120	670
	1225	200	263	3260	424	3010	459		2100	200	343	3380	533	3120	577
	875	250	302	3610	439	3330	476		1500	250	366	3650	526	3370	570
2000	PUMP MODEL			RME2-200		RME3-200									
	2000	150	248	3030	430	2800	465								
	2000	165	275	3110	464	2870	503								
	1400	200	255	3280	408	3030	442								
	1000	250	305	3610	444	3330	481								
2250	PUMP MODEL			RME2-225		RME3-225									
	2250	150	270	3070	462	2830	501								
	2250	165	290	3160	482	2920	521								
	1575	200	280	3280	448	3030	485								
	1125	250	315	3610	458	3330	497								
2500	PUMP MODEL			RME2-250		RME3-250									
	2500	150	308	3140	515	2900	558								
	2500	165	332	3260	535	3010	579								
	1750	200	310	3320	490	3060	532								
	1250	250	340	3630	492	3350	533								

HALE PRODUCTS, INC.
 A Unit of IDEX Corporation
 Conshohocken, PA 19428 USA

HALE

COPYRIGHT © 2001 IDEX CORPORATION
 NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OF MACHINERY.

DRAWN MD DATE 7-10-01
 CHECKED MAL
 SCALE: FULL

ECO NO	01-277	REV	A
CHANGED FROM		APVD	
RELEASE TO PRODUCTION		DATE	7-10-01
BY	MD	DATE	7-10-01
BY	MD	DATE	7-10-01
BY	MD	DATE	7-10-01

E-1138A