

# NH<sub>3</sub> (N-Kugel / N-ball / N-boule / N-flotador)

R 717

Ammoniak; ammoniacque; ammonia; amoniac

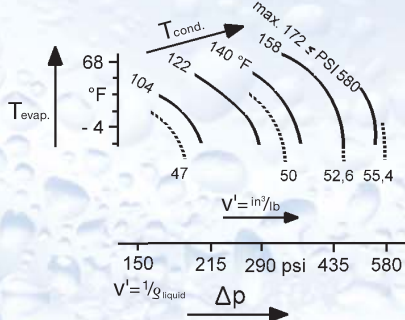
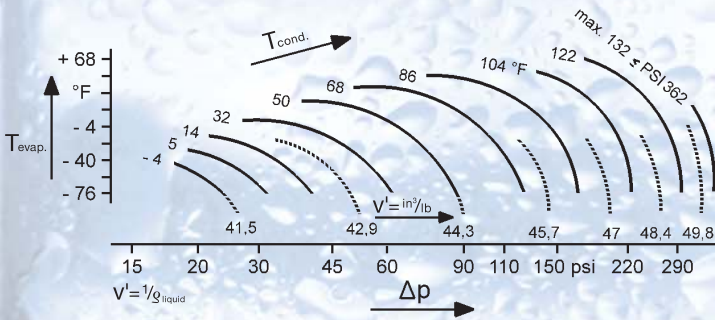
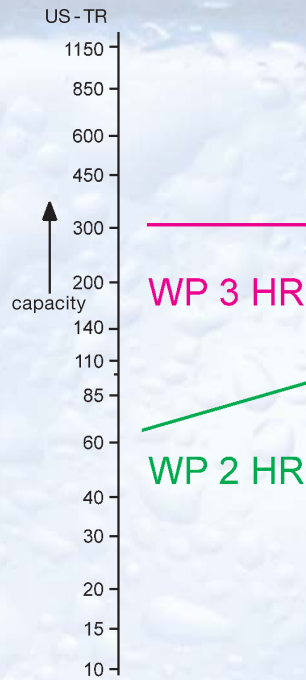
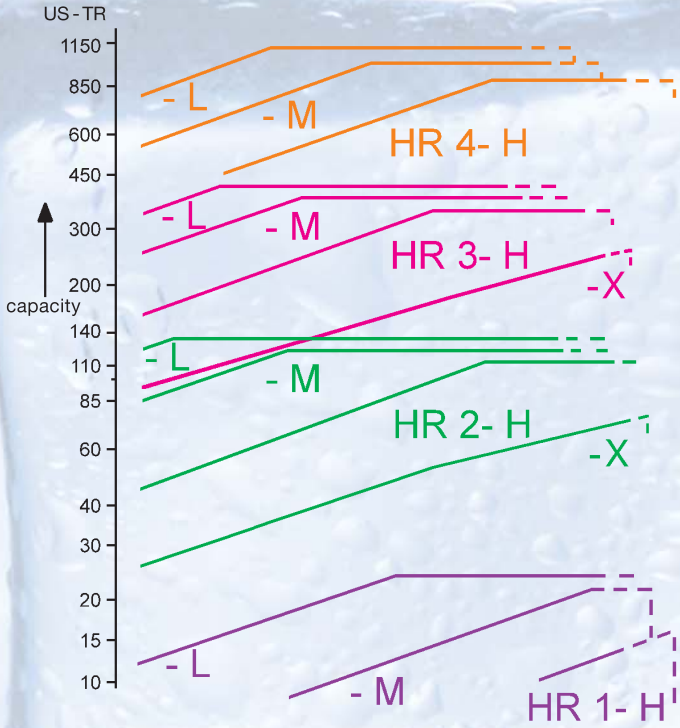


Fig. 5

Fig. 6

		(N-Kugel / N-ball / N-boule / N-flotador)													
		362 PSI										580 PSI	942 PSI		
		HR1			HR2			HR3			HR4			WP2HR	WP3HR
		-L	-M	-H	-L	-M	-H	-L	-M	-H	-L	-M	-H		
Ṃmax (NH <sub>3</sub> )	g.p.m.	2,2 (2,6)			9,2 (11)			29,9 (32)			83,5 (92,5)			11	32
f [x10 <sup>-3</sup> ]	sq.in.	7,75	4,65	3,1	86,8	57,4	29,5	246	167	107	516	365	39	17	71
Kugel	∅ in.	39,5			47			59			79			59	79
	G lb.	0,357			0,628			1,265			3,483			0,67	1,618
ball	∅ in.	34			37,4			52			118			34,25	52,36
	l in.	34			37,4			52			118			34,25	52,36
flotador															
Unterdruckdüse	∅ in.	0,28			0,6			1,2			2,4			0,71	1,2
Low press. nozzle															
Gicleur de dépression															
Orificio de depresión															

Tab. 1

### NH<sub>3</sub> (N-Kugel / N-ball / N-boule / N-flotador)

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### CO<sub>2</sub> (N-Kugel / N-ball / N-boule / N-flotador)

R 744

Kohlendioxid; carbon dioxide; dioxyde de carbone; dióxido de carbono

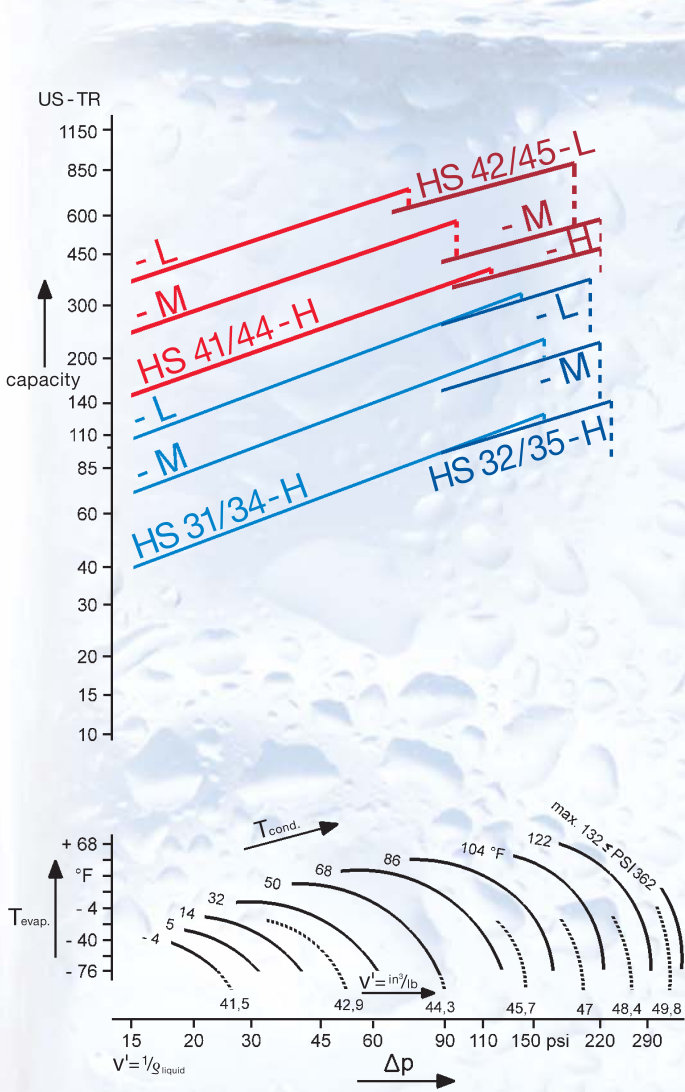


Fig. 7

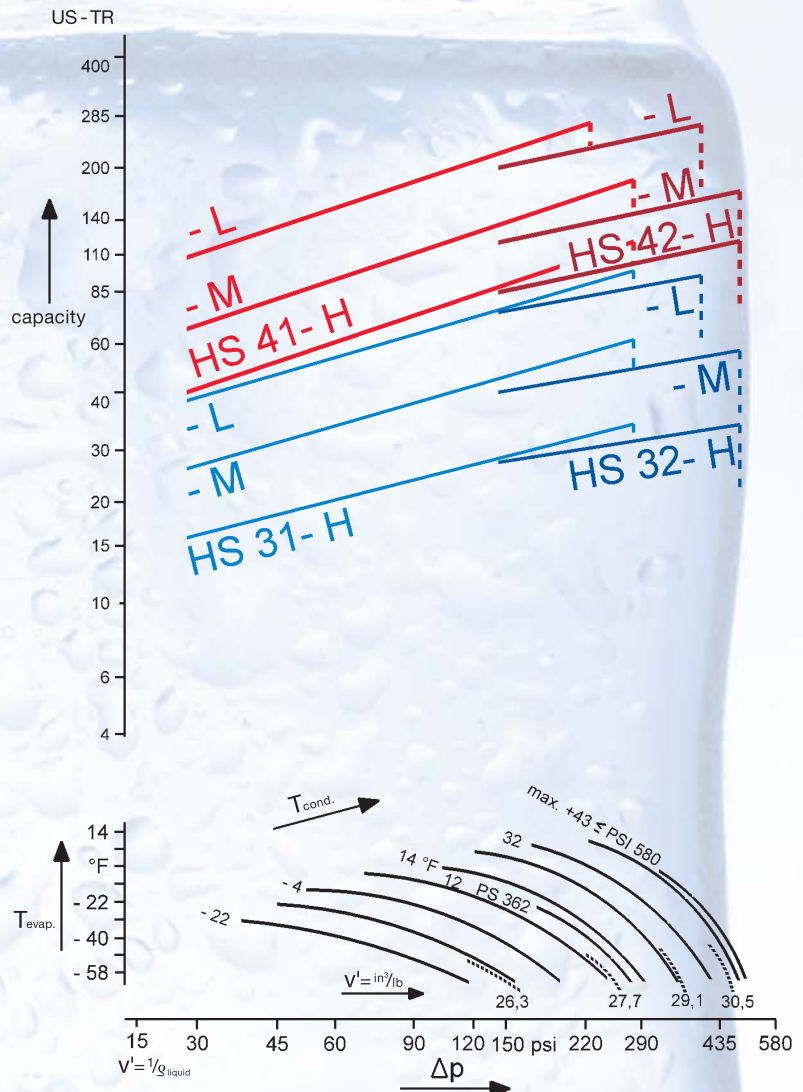


Fig. 8

		580 PSI															
		HS31 / HS34			HS32 / HS35			HS33/36		HS41 / HS44			HS42 / HS45		HS43/46		
		-L	-M	-H	-L	-M	-H	-M	-H	-L	-M	-H	-L	-M	-H	-M	-H
V <sub>max</sub>	g.p.m.	37,4 / 123							76,6 / 255								
f [x10 <sup>-3</sup> ]	sq.in.	86,8	57,4	29,5	81	46,5	29	87	57	246	167	107	217	132	107	246	167
Kugel	Ø in.	47		59		47		59		79		59					
	G lb.	0,628		1,265		1,06		1,265		3,483		2,05					
ball	l in.	37,4	34	87		37,4	34,3	58,3	52	52		58,3		52			
	flotador																
		HS34		HS35		HS36		HS44		HS45		HS46					
Unterdruckdüse	Ø in.	0,6	0,39	0,8	0,6	0,6	0,4	1,2	0,8	1,2	0,8	1,2	0,8	1,2	0,8		
Low press. nozzle																	
Gicleur de dépression																	
Orificio de depresión																	

Tab. 2



**C<sub>3</sub>H<sub>8</sub>** (N-Kugel / N-ball / N-boule / N-flotador)

R 290

Propan; propane; propano; propano

**R134A** (R-Kugel / R-ball / R-boule / R-flotador)

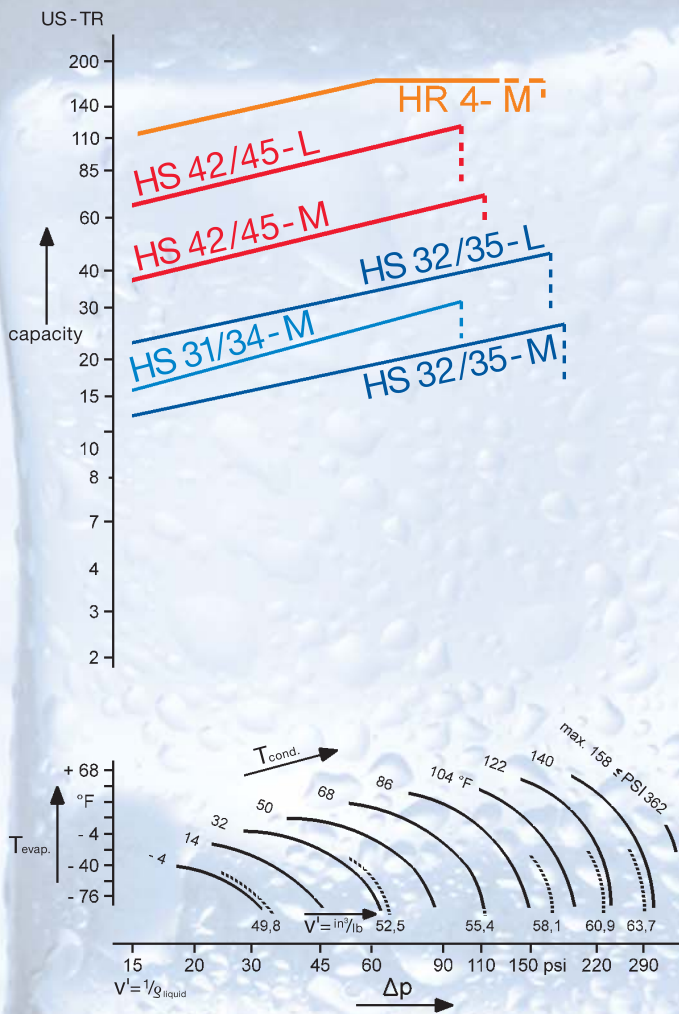


Fig. 9

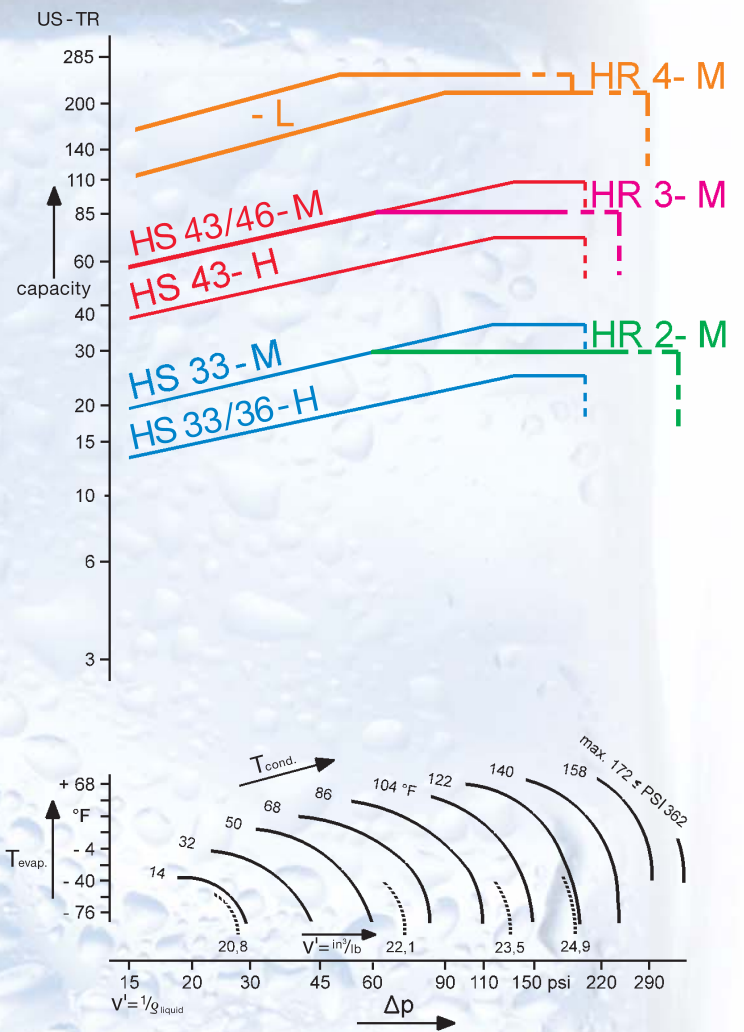


Fig. 10

(R-Kugel / R-ball / R-boule / R-flotador)											
362 PSI											
		HR1			HR2		HR3		HR4		
		-L	-M	-H	-M	-H	-M	-H	-L	-M	-H
$\dot{V}_{max}$		g.p.m.		2,2		9,2		29,9		83,5	
$f$ [ $\times 10^{-3}$ ]		sq.in.		17		9,3		6,2		86,8	
Kugel	$\varnothing$	in.		39,5		47		59		79	
	G	lb.		0,61		1,06		2,05		4,85	
ball	$\varnothing$	in.		18,9		34		37,4		34,3	
	G	lb.		18,9		34		58,3		52	
boule	$\varnothing$	in.		18,9		34		58,3		52	
	G	lb.		18,9		34		58,3		52	
flotador	$\varnothing$	in.		0,28		0,59		0,39		1,18	
	G	lb.		0,28		0,59		0,39		1,18	
Unterdruckdüse	$\varnothing$	in.		0,28		0,59		0,39		1,18	
Low press. nozzle	$\varnothing$	in.		0,28		0,59		0,39		1,18	
Gicleur de dépression	$\varnothing$	in.		0,28		0,59		0,39		1,18	
Orificio de depresión	$\varnothing$	in.		0,28		0,59		0,39		1,18	

Tab. 3

**R404A** (R-Kugel / R-ball / R-boule / R-flotador)

**R507** (R-Kugel / R-ball / R-boule / R-flotador)

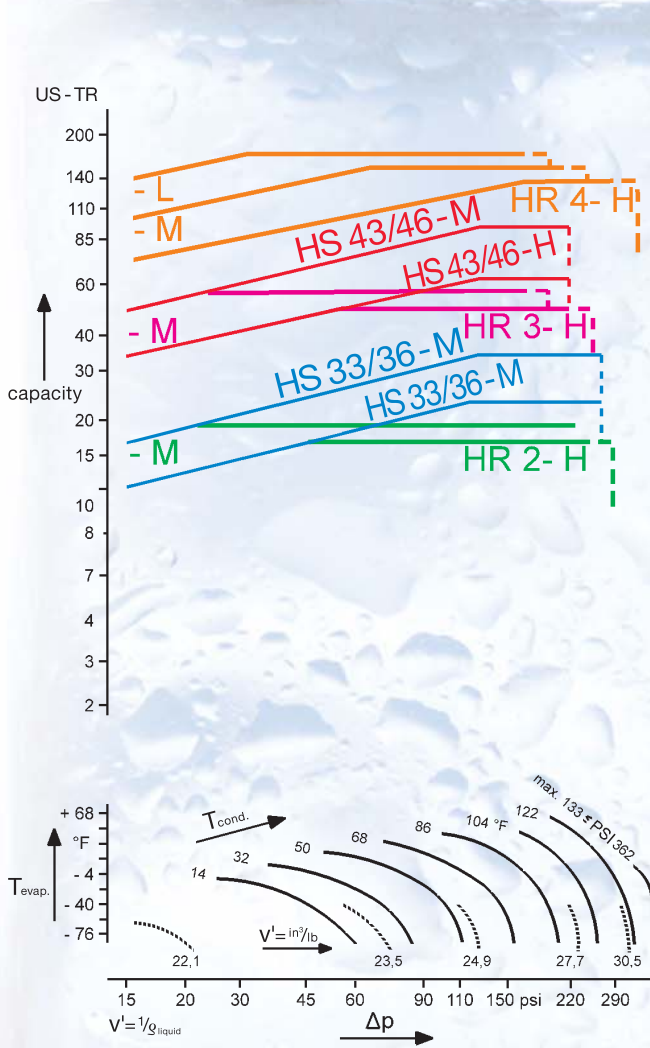


Fig. 11

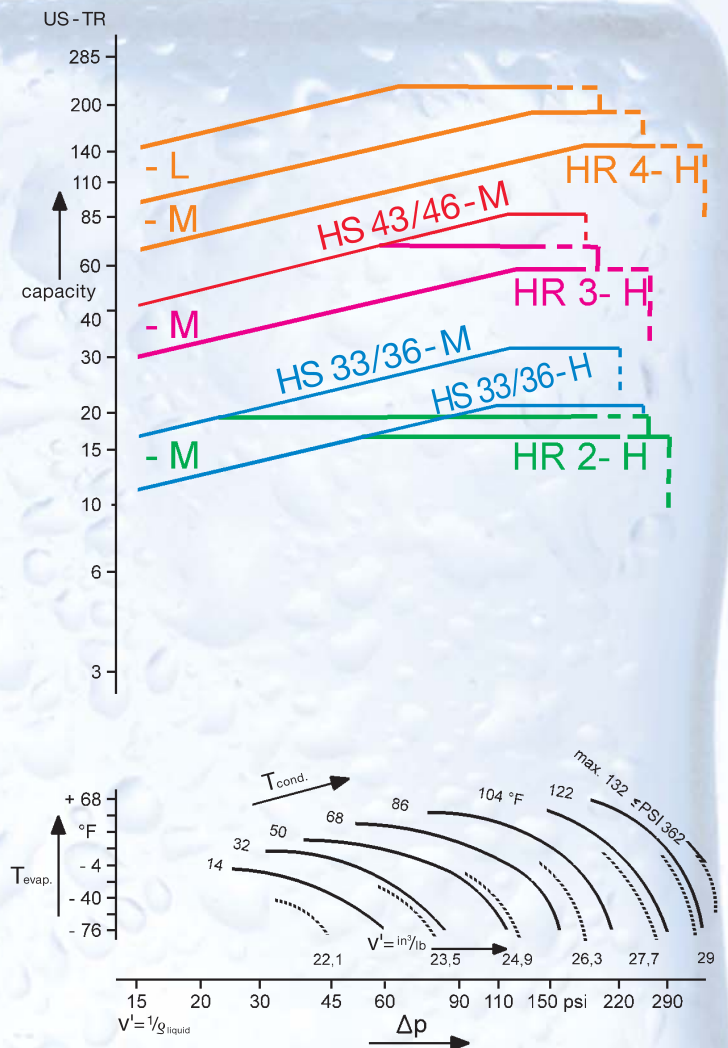


Fig. 12

		362 PSI						
		HS51 / HS54			HS53 / HS56			
		-L	-M	-H	-L	-M	-H	
$\dot{V}_{max}$		g.p.m. 159 / 528						
f		sq.in. 516 365 39 728 516 365						
Kugel ball boule flotador	$\varnothing$	in. 79			in. 79			
	G	lb. 3,48			lb. 4,85			
	l	in. 118			in. 118			
		HS54			HS56			
Unterdruckdüse Low press. nozzle Gicleur de dépression	$\varnothing$	in. 2,4		in. 1,6		in. 2,4		in. 1,6

Tab. 4