

KVPH - VERTICAL STACK FAN COIL
 DISCHARGE REGISTER PERFORMANCE DATA
 KV STANDARD FCU 88" CABINET SINGLE AND DOUBLE SUPPLY

SUBMITTAL SHEET

SINGLE SUPPLY									
UNIT SIZE	CFM (SEE NOTE 5)	REGISTER DATA							
		W (IN)	H (IN)	Pv. (IN W.G.)	Pt (IN W.G.)	Ps (IN W.G.)	NC	THROW (ft)	DROP (ft)
3	375	16	8	0.013	0.037	0.024	<20	16-36	9.5
4	450	16	8	0.018	0.0524	0.0344	<20	19-38	10
6	616	18	12	0.017	0.0523	0.0353	<20	18-45	13
8	860	18	12	0.024	0.0698	0.0458	26	26-52	16
10	966	22	14	0.017	0.0524	0.0354	21	27-62	21
12	1350	22	14	0.024	0.0697	0.0457	26	33-69	23

DOUBLE SUPPLY									
UNIT SIZE	CFM (SEE NOTE 5)	REGISTER DATA							
		W (IN)	H (IN)	Pv. (IN W.G.)	Pt (IN W.G.)	Ps (IN W.G.)	NC	THROW (ft)	DROP (ft)
3	375	16	8	0.006	0.017	0.011	<20	11-24	10
4	450	16	8	0.008	0.023	0.015	<20	11-27	10.5
6	616	18	12	0.003	0.0072	0.0042	<20	10-35	11.5
8	860	18	12	0.006	0.017	0.011	<20	12-37	12
10	966	22	14	0.006	0.017	0.011	<20	13-42	12
12	1350	22	14	0.008	0.023	0.015	<20	14-45	14

- NOTES:
1. NC DATA IS AT 0° DEFLECTION.
 2. FOR 22.5° DEFLECTION ADD 1 NC. FOR 45° DEFLECTION, ADD 7 NC.
 3. THROWS ARE FOR VELOCITIES OF 50 AND 150 FPM AT 0° DEFLECTION.
 4. FOR 22.5° AND 45° DEFLECTION, MULTIPLY BY 0.67
 5. DROPS ARE AT 0° DEFLECTION. FOR 22.5° DEFLECTION, MULTIPLY BY 0.85.
 6. DROPS ARE AT 0° DEFLECTION FOR 45° DEFLECTION MULTIPLY BY 0.66.
 7. REGISTER DATA IS BASED ON ZERO STATIC AND CFM SHOWN @ HIGH SPEED MOTOR OPERATION.
 8. DATA ABOVE DOES NOT REFLECT OPTIONAL OPPOSED BLADE DAMPER INFORMATION.