SUBJECT: COMPARISON OF SENTRA 'SK' HE, LE, VE MECHANICAL PACKAGE

#1-A-204 **9/25/1996**

REVISED 8/07

FEATURES	HE Series	LE Series	VE Series
ELECTRICAL/INSTRUMENTATION			
• Mercury heater contactor	YES	YES	YES
• Pump motor contactor	YES	YES	YES
• Transformer	YES	YES	YES
• Fused 110V control circuit	YES	YES	YES
• Installed 10' power cord	YES	YES	YES
• Number of Sensor Probes	2	1	1
• Remote instrument option	YES	NO	NO
PRESSURE GAUGES			
• To process	YES	YES	YES
• From process	YES	YES	YES
MECHANICAL SAFETIES			
• Hi temperature limit	YES	YES	YES
• 150# PSI pressure relief valve	YES	YES	YES
• Water supply pressure switch	YES	YES	YES
• Pump motor overload protection	YES	YES	YES
• 110 V alarm output	YES	YES	NO
FLOW METER			
• Hall effect sensor	YES	NO	NO
• Digital display	YES	NO	NO
• Magnetic rotator	YES	NO	NO
• Digital flow display	YES	NO	NO
HEATING CYLINDER			
• Custom casting	YES	YES	YES
• Flange mounted heater	YES	YES	YES
• Flange mounted to pump	YES	YES	YES
• Machined 'to process' port	YES	YES	YES
• Non-ferrous construction	OPT	OPT	OPT

FEATURES	HE Series	LE Series	VE Series
COOLING CYLINDER			
• Custom casting	YES	YES	YES
• Flange mounted to pump	YES	YES	YES
• Machined 'from process' port	YES	YES	YES
• Machined 'water supply port'	YES	YES	YES
COOLING VALVE			
• AVT modulating valve™	YES	YES	NO
• PVT pulse solenoid valve™	NO	NO	YES
PUMP			
• Custom cast casing	YES	YES	YES
• Flange mounts for cylinders	YES	YES	YES
• Pump seal flush	YES	YES	YES
• Stainless steel pump shaft	YES	YES	YES
• Bronze pump impeller	YES	YES	YES
• Non-ferrous construction	OPT	OPT	OPT
CABINETRY/FRAME			
• Stainless steel cabinetry	YES	YES	YES
• Galvanized base	YES	YES	YES
• 2" swivel casters	YES	YES	YES
• Lift-off access panel	YES	YES	YES
CLOSED CIRCUIT OPTION			
• Field retro-fit kit option	YES	YES	YES
WARRANTY			
• Mechanical	2 year	2 year	2 year
• Pump seal	Lifetime	Lifetime	Lifetime
• Heater	4 year	4 year	2 year
• Instrument	4 year	4 year	4 year
• AVT™ Valve	4 year	4 year	n/a
• PVT™ Valve	n/a	n/a	2 year

Sentra HE Series

Sentra LE Series

Sentra VE Series

Circulation System

Electrical cabinet

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